Electrical Installation Condition Report

Requirements for Electrical Installations - BS 7671:2018
(IET Wiring Regulations 18th Edition)

Information for recipients:

The purpose of this report is to confirm, so far as reasonably practicable, whether or not the electrical installation is in a satisfactory condition for continued service (see Section E). The Report should identify any damage, deterioration, defects and/or conditions which may give rise to danger (see Section K).

The person ordering the report should have received the Original©Report and the inspector should have retained a duplicate.

The Original©Report should be retained in a safe place and be made available to any person inspecting or undertaking work on the electrical installation in the future. If the property is vacated, this Report will provide the new owner/occupier with details of the condition of the electrical installation at the time the Report was issued.

Where the installation incorporates residual current devices (RCDs) there should be a notice at or near the devices stating that they should be tested every 6 months. **For safety reasons it is important that these instructions are followed.**

Section D (Extent and Limitations) should identify fully the extent of the installation covered by this Report and any limitations on the inspection and testing. The Inspector should have agreed these aspects with the person ordering the Report and with other interested parties (licencing authority, insurance company, mortgage provider and the like) before the inspection was carried out.

Some operational limitations such as inability to gain access to parts of the installation or an item of equipment may have been encountered during the inspection. The inspector should have noted these in Section D.

For items classified in Section K as C1 (“Danger Present”), **the safety of those using the installation is at risk**, and it is recommended that a skilled person or persons competent in electrical installation work undertakes the necessary remedial work immediately.

For items classified in Section K as C2 (“Potentially Dangerous”), **the safety of those using the installation may be at risk** and it is recommended that a skilled person or persons competent in electrical installation work undertakes the necessary remedial work as a matter of urgency.

Where it has been stated in Section K that an observation requires further investigation code FI the inspection has revealed an apparent deficiency which may result on a code C1 or C2 could not, due to the extent or limitations of this inspection, be fully identified. Such observations should be investigated as soon as possible. A further examination of the installation will be necessary, to determine the nature and extent of the apparent deficiency (see Section F).

For safety reasons, the electrical installation should be re-inspected at appropriate intervals by a skilled person or persons competent in such work. The recommended date by which the next inspection is due is stated in Section F of the report under ‘Recommendations’ and on label at or near to the consumer unit/distribution board.

ELECTRICAL INSTALLATION CONDITION REPORT

FT/EICR 110151231

for Industrial/Commercial Premises

Requirements for Electrical Installations
BS 7671:2018 (IET Wiring Regulations 18th Edition)

A. Details of the Installation

Client	UPP Residential Services Ltd	Installation	Swansea University Bay Campus - Dryslwyn 1B & Nest 2
Address	First Floor 12 Arthur Street London	Address	Reception - Ground Floor Tower Information Centre Fabian Way Crymlyn Burrows Swansea West Glamorgan
Postcode	EC4R 9A	Postcode	SA1 8EN

B. Reason for Producing this Report

This form is to be used only for reporting on the condition of an existing installation.

Essential information requested by the client in accordance with the electricity at work regulations 1989

Date(s) on which the inspection and testing were carried out 26/07/2022 to 19/08/2022

C. Details of Installation which is the Subject of this Report

Description of premises Domestic ☐ Commercial ☑ Industrial ☐ Other (please specify)

Estimated age of the wiring system 5 years

Evidence of alterations or addition Yes ☐ No ☑ Not apparent ☐ if 'Yes', estimated years

Records of installation available Yes ☐ No ☑ Records held by

Date of last inspection Not Known Electrical Installation Certificate No. or previous Inspection Report No.

D. Extent of Electrical Installation Covered by this Report:

Testing of all sub mains, lighting and power circuits, within the constraints of the agreed limitations.

Agreed Limitations and Operational Limitations (Regulations 653.2)

Unable to completely isolate the installation. Unable to access the sealed supply device characteristics. Ze and Ipf have been taken with all earthing and bonding in place. Insulation resistance testing has been carried out to regulation 643.3.3 on circuits were it was impracticable to disconnect load.

Agreed with: Grant Adams

The inspection and testing detailed within this report and accompanying schedule has been carried out in accordance with BS 7671: 2018 (IET Wiring Regulations) amended to 2020

It should be noted that cables concealed within trunkings and conduits, under floors, in roof spaces and generally within the fabric of the building or underground have NOT been inspected unless specifically agreed between the client and inspector prior to the inspection. An inspection should be made within an accessible roof space housing other electrical equipment.

E. Summary of the Condition of the Installation

General conditions of the installation (in terms of electrical safety)

Installation DetailsThe installation approximately 5 years old. **--Please see Continuation Page--**

Overall assessment of the installation in terms of its suitability for continued use **SATISFACTORY** ☐ ***UNSATISFACTORY** ☑

*An UNSATISFACTORY assessment indicates that dangerous (code C1), or potentially dangerous (code C2), Further investigation (code FI) conditions have been identified

F. Recommendations

Where the overall assessment of the suitability of the installation for continued use above is stated as UNSATISFACTORY I/we recommend that any observations classified as *'Danger present'* **(code C1)** or *'Potential dangerous'* **(code C2)** are acted upon as a matter of urgency. Investigation without delay is recommended for observations identified as *'Further Investigation required'* **(code FI)**. Observations classified as *'Improvement recommended'* **(code C3)** should be given due consideration. Subject to the necessary remedial action being taken, I/we recommend that the installation is further inspected and tested by 26/07/2027 (date)

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G. Declaration

I/we being the person(s) responsible for the inspection and testing of the electrical installation (as indicated by my/our signatures below), particulars of which are described above, having exercised reasonable skill and care when carrying out the inspection and testing hereby declare that the information in this report, including the observations and the attached schedules, provides an accurate assessment of the condition of the electrical installation taking into account the stated extent and limitations in section D of this report.

		Inspected and tested by	Authorised for issue by
Company	PHS Compliance		
Address	Kid Glove Road, Golborne, Warrington,	Name: Liam Kimble	Nigel Carvell
		Signature:	
Postcode	WA3 3GR		
Branch No.		Position: Electrical Test Engineer	Technical Auditor
Scheme No.		Date: 19/08/2022	06/10/2022

EICRs are produced by a UKAS accredited inspection body, No. 0433

H. Schedule(s)

1 schedule(s) of inspection and 224 schedule(s) of test results are attached.

The attached schedule(s) are part of this document and this report is valid only when they are attached to it.

I. Supply Characteristics and Earthing Arrangements

Earthing Arrangements TN-S ☐ TN-C-S ☑ TT ☐ Other ☐ Please specify

Number & Type of live conductors AC ☑ DC ☐ No. of phases 3 No. of wires 4

Nature of Supply Parameters (Note: (1) by enquiry, (2) by enquiry or by measurement)

Nominal voltage, U/U_0 (1) 400/230 v Nominal frequency, f(1) 50 H_z Confirmation of supply polarity ☑

Prospective fault current, I_{pf} (2) 9.4 kA External loop impedance, Z_e (2) 0.05 Ω

Supply Protective Device BS (EN) LIM Type LIM Rated Current LIM A

No. of Additional Supplies N/A

J. Particulars of Installation Referred to in this Report

Details of installation Earth Electrode (where applicable) Type (e.g. rod(s), tape etc)

Location Electrode resistance to earth Ω

Means of Earthing

Distributors facility ☑ Installation Earth Electrode ☐

Maximum Demand (load) LIM Amps ☐ KVA ☐

	Material	csa		(✓) or Value		(✓) or Value	
Earthing Conductor	Copper	95	mm²	Continuity Verified ☑	Ω	Connection Verified ☑	Ω
Protective Bonding Conductor	Copper	50	mm²	Continuity Verified ☑	Ω	Connection Verified ☑	Ω

	Material	csa		(connection / continuity)	(✓) or Value		(✓) or Value	
Main Supply Conductor	Copper	150	mm²	Water installation ☑	Ω	To structural steel ☑	Ω	
Main Switch Location	Mains Room Dryslwyn		mm²	Gas installation pipes ☑	Ω	To lightning protection ☑	Ω	
Fuse/device rating or setting	315 A	Voltage rating	400 V	Oil installation pipes NA	Ω	Other NA	Ω	
If RCD main switch:	Rated residual operating current I Δn	N/A	mA					

BS(EN) 60947-2 MCCB No. of Poles 3 Current Rating 400 A Rated time delay N/A ms Measured operating trip time N/A ms

K. Observations

Referring to the attached schedule of inspection and test results, and subject to the limitations at Section D.

☐ No remedial work required

☑ The following observations are made

Explanation of codes

- C1 Danger present. Risk of Injury. Immediate remedial action required.
- C2 Potentially dangerous. Urgent remedial action required.
- C3 Improvement recommended.
- FI Further Investigation required without delay

Item No.	Observations	Code
1	Observation: Circuit isolated at time of test. Further investigation is required to determine reason for isolation and steps taken to prevent the circuit from being inadvertently energized. Location: DB CL23 CCT 9/L3 Regulation: 537.2.4	FI
2	Observation: Circuit isolated at time of test. Further investigation is required to determine reason for isolation and steps taken to prevent the circuit from being inadvertently energized. Location: DB CL23 CCT 8/L3 Regulation: 537.2.4	FI
3	Observation: Circuit isolated at time of test. Further investigation is required to determine reason for isolation and steps taken to prevent the circuit from being inadvertently energized. Location: DB CL22 CCT 8/L3 Regulation: 537.2.4	FI
4	Observation: Circuit isolated at time of test. Further investigation is required to determine reason for isolation and steps taken to prevent the circuit from being inadvertently energized. Location: DB CL22 CCT 9/L3 Regulation: 537.2.4	FI

5	Observation: Ring circuit with conductors of the same size shall have resistance values within 0.05 ohm of each other. Where Twin and earth is used the resistance value differential between live conductors and earth shall be approximately 1.67 times the value of the live readings. Location: DB CL22 CCT 11/L2 Reg 643.2.1	FI
6	Observation: Screws missing from DB cover, cover still secure. Location: DB CL1 Regulation: 416.2.3	C3
7	Observation: A detailed legible diagram, chart or table or equivalent form of information has not been provided in the vicinity of the distribution board indicating type and composition of circuits as well as other relevant information. Location: DB CL5 Regulation: 514.9.1	C3
8	Observation: Trunking lid is missing. Location: DB CL20 Regulation: 521.10.1	C3
9	Observation: No mechanical protection for single insulated cables. Location: DB CL20 Regulation: 521.10.1	C2
10	Observation: Minor Damage to cooker hood light switch Location: CL20 Kitchen Regulation: 416.2.3	C3
11	Observation: Circuit isolated at time of test. Further investigation is required to determine reason for isolation and steps taken to prevent the circuit from being inadvertently energized. Location: DB CL2 CCT 9/L2 Regulation: 537.2.4	FI
12	Observation: Circuit isolated at time of test. Further investigation is required to determine reason for isolation and steps taken to prevent the circuit from being inadvertently energized. Location: DB CL2 CCT 8/L2 Regulation: 537.2.4	FI
13	Observation: Circuit isolated at time of test. Further investigation is required to determine reason for isolation and steps taken to prevent the circuit from being inadvertently energized. Location: DB CL3 CCT 8/L2 Regulation: 537.2.4	FI
14	Observation: Circuit isolated at time of test. Further investigation is required to determine reason for isolation and steps taken to prevent the circuit from being inadvertently energized. Location: DB CL3 CCT 9/L2 Regulation: 537.2.4	FI
15	Observation: Damaged switch Location: Flat 3 Nest Kitchen Regulation: 416.2	C2
16	Observation: Circuit isolated at time of test. Further investigation is required to determine reason for isolation and steps taken to prevent the circuit from being inadvertently energized. Location: DB CL7 CCT 8/L2 Regulation: 537.2.4	FI
17	Observation: Circuit isolated at time of test. Further investigation is required to determine reason for isolation and steps taken to prevent the circuit from being inadvertently energized. Location: DB CL7 CCT 9/L2 Regulation: 537.2.4	FI
18	Observation: Circuit isolated at time of test. Further investigation is required to determine reason for isolation and steps taken to prevent the circuit from being inadvertently energized. Location: DB CL19 CCT 9/L2 Regulation: 537.2.4	FI
19	Observation: Circuit isolated at time of test. Further investigation is required to determine reason for isolation and steps taken to prevent the circuit from being inadvertently energized. Location: DB CL19 CCT 8/L2 Regulation: 537.2.4	FI
20	Observation: Circuit isolated at time of test. Further investigation is required to determine reason for isolation and steps taken to prevent the circuit from being inadvertently energized. Location: DB CL11 CCT 9/L2 Regulation: 537.2.4	FI
21	Observation: Circuit isolated at time of test. Further investigation is required to determine reason for isolation and steps taken to prevent the circuit from being inadvertently energized. Location: DB CL11 CCT 8/L2 Regulation: 537.2.4	FI
22	Observation: No mechanical protection for single insulated cables. 100mm Location: DB LL1 Regulation: 521.10.1	C2
23	Observation: Trunking lid is missing. 100mm T bend Steel Galv (cable coming out of the trunking coiled up) Location: DB LL1 Regulation: 521.10.1	C3
24	Observation: Over rated over current protective device in relation to the current carrying capacity of the connected cables. Location: MDB CCT 9/TP Regulation 433.1.1	C2
25	Observation: Circuit isolated at time of test. Further investigation is required to determine reason for isolation and steps taken to prevent the circuit from being inadvertently energized. Location: DB CL21 CCT 8/L2 Regulation: 537.2.4	FI

26	Observation: Circuit isolated at time of test. Further investigation is required to determine reason for isolation and steps taken to prevent the circuit from being inadvertently energized. Location: DB CL21 CCT 9/L2 Regulation: 537.2.4	FI
27	Observation: Circuit isolated at time of test. Further investigation is required to determine reason for isolation and steps taken to prevent the circuit from being inadvertently energized. Location: DB CL6 CCT 8/L2 Regulation: 537.2.4	FI
28	Observation: Circuit isolated at time of test. Further investigation is required to determine reason for isolation and steps taken to prevent the circuit from being inadvertently energized. Location: DB CL6 CCT 7/L2 Regulation: 537.2.4	FI
29	Observation: All untraced circuits must have their circuit designations verified. Location: DB LL4/P CCT 7/L1 Regulation: 514.8.1	FI
30	Observation: Circuit isolated at time of test. Further investigation is required to determine reason for isolation and steps taken to prevent the circuit from being inadvertently energized. Location: DB CL15 CCT 8/L2 Regulation: 537.2.4	FI
31	Observation: Circuit isolated at time of test. Further investigation is required to determine reason for isolation and steps taken to prevent the circuit from being inadvertently energized. Location: DB CL15 CCT 9/L2 Regulation: 537.2.4	FI
32	Observations: There is no RCD protection in place as an additional requirement for circuits supplying socket outlets not exceeding 32A . It is recommended that 30mA RCD,s are installed to provide additional protection. Location: DB LL4/P cct's 4L2 and 5L2 Regulation: 411.3.3	C3
33	Observations: There is no RCD protection in place as an additional requirement for circuits supplying socket outlets not exceeding 32A . It is recommended that 30mA RCD,s are installed to provide additional protection. Location: DB LL2/P cct's 1L2, 2L2, 3L2, 5L3 and 8L3 Regulation: 411.3.3	C3
34	Observation: This installation has been designed and installed prior to July 2018.There is no evidence of over voltage protection within the electrical installation, we recommend (Type 1/Type 2) Surge Protective Devices be installed in order to reduce the risk of damage to the installation by external transient over voltage's or switching Location: Origin/Distribution boards Reg 534.4.1.1	C3

One of the following codes, as appropriate, has been allocated to each of the observations made above and/or any attached observation sheets to indicate to the person(s) responsible for the installation the degree of urgency for remedial action.

C1 Danger present. Risk of Injury. Immediate remedial action required.	0
C2 Potentially dangerous. Urgent remedial action required.	4
C3 Improvement recommended.	8
FI Further Investigation required without delay	22

The above values are a total count of Observation per outcome

Outcomes

Acceptable condition:	Unacceptable condition: State	Improvement recommended:	Further Investigation:	Not Verified:	Limitation:	Not Applicable:
✓	C1 or C2	C3	FI	NV	L	N/A

Item No.	Description	Outcome
1.0 External Condition Of Intake Equipment (Visual Inspection Only) Where inadequacies are encountered, it is recommended that the person ordering the report informs the appropriate authority		
1.1	Service cable	✓
1.2	Service head	✓
1.3	Earthing arrangement	✓
1.4	Meter tails	✓
1.5	Metering equipment	✓
1.6	Isolator (where present)	✓
2.0 Parallel Or Switched Alternative Sources Of Supply		
2.1	Adequate arrangements where a generating set operates as a switched alternative to the public supply (551.6)	N/A
2.2	Adequate arrangements where a generating set operates in parallel with the public supply (551.7)	N/A
3.0 Automatic Disconnection Of Supply		
3.1	Main earthing/bonding arrangements (411.3; Chap 54)	✓
3.1.1	Presence of distributors earthing arrangement (542.1.2.1; 542.1.2.2)	✓
3.1.2	Presence of installation earth electrode arrangement (542.1.2.3)	N/A
3.1.3	Adequacy of earthing conductor size (542.3; 543.1.1)	✓
3.1.4	Adequacy of earthing conductor connections (542.3.2)	✓
3.1.5	Accessibility of earthing conductor connections (543.3.2)	✓
3.1.6	Adequacy of main protective bonding conductor sizes (544.1)	✓
3.1.7	Adequacy and location of main protective bonding conductor connections (543.3.2; 544.1.2)	✓
3.1.8	Accessibility of all protective bonding connections (543.3.2)	✓
3.1.9	Provision of earthing/bonding labels at all appropriate locations (514.13)	✓
3.2	FELV - requirements satisfied (411.7; 411.7.1)	✓
4.0 Other Methods Of Protection (Where any of the methods listed below are employed details should be provided on separate sheets)		
4.1	Non-conducting location (418.1)	N/A
4.2	Earth-free local equipotential bonding (418.2)	N/A
4.3	Electrical separation (Section 413; 418.3)	N/A
4.4	Double insulation (Section 412)	N/A
4.5	Reinforced insulation (Section 412)	N/A
5.0 Distribution Equipment		
5.1	Adequacy of working space/accessibility to equipment (132.12; 513.1)	✓
5.2	Security of fixing (134.1.1)	C3
5.3	Condition of insulation of live parts (416.1)	✓
5.4	Adequacy/security of barriers (416.2)	C2
5.5	Condition of enclosure(s) in terms of IP rating etc (416.2)	✓
5.6	Condition of enclosure(s) in terms of fire rating etc (421.1.6; 421.1.201; 526.5)	✓
5.7	Enclosure not damaged/deteriorated so as to impair safety (651.2)	C2
5.8	Presence and effectiveness of obstacles (417.2)	✓
5.9	Presence of main switch(es), linked where required (462.1; 462.1.201; 462.2)	✓
5.10	Operation of main switch(es) (functional check) (643.10)	✓
5.11	Manual operation of circuit-breakers and RCD(s) to prove disconnection (643.10)	✓
5.12	Confirmation that integral test button/switch causes RCD(s) to trip when operated (functional check) (643.10)	✓
5.13	RCD(s) provided for fault protection – includes RCBO(s) (411.4.204; 411.5.2; 531.2)	✓
5.14	RCD(s) provided for additional protection / requirements, where required - includes RCBO(s) (411.3.3; 415.1)	✓
5.15	Presence of RCD six-monthly test notice at or near equipment, where required (514.12.2)	✓
5.16	Presence of diagrams, charts or schedules at or near equipment, where required (514.9.1)	✓
5.17	Presence of non-standard (mixed) cable colour warning notice at or near equipment, where required (514.14)	✓
5.18	Presence of alternative supply warning notice at or near equipment, where required (514.15)	✓
5.19	Presence of next inspection recommendation label (514.12.1)	✓
5.2	Presence of other required labelling (please specify) (Section 514)	✓
5.21	Compatibility of protective device, base and other components; correct type and rating (no signs of unacceptable thermal damage, arcing or overheating) (411.3.2; 411.4; 411.4.5; 411.4.6; Sections 432; 433)	✓
5.22	Single-pole switching or protective devices in line conductors only (132.14.1; 530.3.3)	✓
5.23	Protection against mechanical damage where cables enter equipment (522.8.1; 522.8.5; 522.8.11)	✓
5.24	Protection against electromagnetic effects where cables enter ferromagnetic enclosures (521.5.1)	✓
6.0 Distribution Circuits		

6.1	Identification of conductors (514.3.1)	FI
6.2	Cables correctly supported throughout their run (521.10.202; 522.8.5)	✓
6.3	Condition of insulation of live parts (416.1)	✓
6.4	Non-sheathed cables protected by enclosure in conduit, ducting or trunking. Integrity of containment (521.10.1)	✓
6.5	Suitability of containment systems for continued use (including flexible conduit) (Section 522)	✓
6.6	Cables correctly terminated in enclosures (Section 526)	✓
6.7	Confirmation that ALL conductor connections, including connections to busbars, are correctly located in terminals and are tight and secure (526.1)	✓
6.8	Examination of cables for signs of unacceptable thermal or mechanical damage/deterioration (421.1; 522.6)	✓
6.9	Adequacy of cables for current-carrying capacity with regard for the type and nature of installation (Section 523)	✓
6.10	Adequacy of protective devices: type and rated current for fault protection (411.3)	✓
6.11	Presence and adequacy of circuit protective conductors (411.3.1.1; 543.1)	✓
6.12	Coordination between conductors and overload protective devices (433.1; 533.2.1)	C2
6.13	Cable installation methods/practices with regard to the type and nature of installation and external influences (Section 522)	✓
6.14	Where exposed to direct sunlight, cable of a suitable type (522.11.1)	✓
6.15	**Cables concealed under floors, above ceilings, in walls/partitions less than 50 mm from a surface, and in partitions containing metal parts**	
6.15.1	Installed in prescribed zones (see Section D. Extent and limitations) (522.6.202) or	✓
6.15.2	Incorporating earthed armour or sheath, or run within earthed wiring system, or otherwise protected against mechanical damage by nails, screws and the like (see Section D. Extent and limitations) (522.6.204)	✓
6.16	Provision of fire barriers, sealing arrangements and protection against thermal effects (Section 527)	✓
6.17	Band II cables segregated/separated from Band I cables (528.1)	✓
6.18	Cables segregated/separated from non-electrical services (528.3)	✓
6.19	Condition of circuit accessories (651.2)	✓
6.20	Suitability of circuit accessories for external influences (512.2)	✓
6.21	Single-pole switching or protective devices in line conductors only (132.14.1; 530.3.3)	✓
6.22	Adequacy of connections, including cpc's, within accessories and to fixed and stationary equipment – identify/record numbers and locations of items inspected (Section 526)	✓
6.23	Presence, operation and correct location of appropriate devices for isolation and switching (Chapter 46; 537)	✓
6.24	General condition of wiring systems (651.2)	✓
6.25	Temperature rating of cable insulation (522.1.1; Table 52.1)	✓
7.0 CONSUMER UNIT/DISTRIBUTION BOARD(S)		
7.1	Adequacy of working space/accessibility to consumer unit/distribution board (132.12; 513.1)	✓
7.2	Security of fixing (134.1.1)	C3
7.3	Condition of enclosure(s) in terms of IP rating (Barriers etc) (416.2)	✓
7.4	Condition of enclosure(s) in terms of fire rating etc (421.1.6; 421.1.201; 526.5)	✓
7.5	Enclosure/obstacles not damaged/deteriorated so as to impair safety (651.2)	✓
7.5.1	Presence and effectiveness of obstacles (417.2)	N/A
7.6	Presence of main linked switch (as required by 462.1.201)	✓
7.7	Operation of main switch (functional check) (643.10)	✓
7.8	Manual operation of circuit-breakers and RCD(s) (test button) to prove disconnection (643.10)	✓
7.9	Correct identification of circuit details and protective devices (514.8.1; 514.9.1)	FI
7.10	Presence of RCD six-monthly test notice at or near consumer unit/distribution board (514.12.2)	✓
7.11	Presence of non-standard (mixed) cable colour warning notice at or near equipment, where required (514.14)	✓
7.12	Presence of alternative supply warning notice at or consumer unit/distribution board (514.15)	✓
7.13	Presence of other required labelling (Please specify) (Section 514)	✓
7.14	Compatibility of protective devices, bases and other components; correct type and rating (no signs of unacceptable thermal damage, arcing or overheating) (411.3.2; 411.4; 411.5; 411.6; Sections 432; 433)	✓
7.15	Single-pole switching or protective devices in line conductors only (132.14.1, 530.3.3)	✓
7.16	Protection against mechanical damage where cables enter consumer unit/distribution board (132.14.1; 522.8.1; 522.8.5; 522.8.11)	C3
7.17	Protection against electromagnetic effects where cables enter ferromagnetic enclosures (521.5.1)	✓
7.18	RCD(s) provided for fault protection - includes RCBO(s)(411.4.204; 411.5.2; 531.2)	✓
7.19	RCD(s) provided for additional protection/requirements, where required - includes RCBO(s) (411.3.3; 415.1)	C3
7.20	Confirmation of indication that SPD is functional (651.4)	N/A
7.21	Confirmation that ALL conductor connections, including connections to the busbars are correctly located in terminals and are tight and secure (526.1)	✓
7.22	Adequate arrangements where a generating set operates as a switched alternative to the public supply (551.6)	N/A
7.23	Adequate arrangements where a generating set operates in parallel with the public supply (551.7)	N/A
8.0 FINAL CIRCUITS		
8.1	Identification of conductors (514.3.1)	✓
8.2	Cables correctly supported throughout their run (521.10.202; 522.8.5)	✓
8.3	Condition of insulation of live parts (416.1)	✓

8.4	Non-sheathed cables protected by enclosure in conduit, ducting or trunking. (521.10.1)	✓
8.4.1	To include the integrity of conduit and trunking systems (metallic and plastic)	C3
8.5	Adequacy of cables for current-carrying capacity with regard for the type and nature of installation (Section 523)	✓
8.6	Coordination between conductors and overload protective devices (433.1; 533.2.1)	✓
8.7	Adequacy of protective devices: type and rated current for fault protection (411.3)	✓
8.8	Presence and adequacy of circuit protective conductors (411.3.1; Section 543)	✓
8.9	Wiring system(s) appropriate for the type and nature of the installation and external influences (Section 522)	✓
8.10	Connected cables installed in prescribed zones (see Section D. Extent and limitations) (522.6.202)	✓
8.11	Cables concealed under floors, above ceilings or in walls/partitions, adequately protected against damage (522.6.204)	✓
8.12	**Provision of additional requirements for protection by RCD not exceeding 30 mA:**	
8.12.1	For all socket-outlets of rating 32 A or less unless exempt (4.11.3.3)	C3
8.12.2	For the supply of Mobile equipment not exceeding 32 A rating for use outdoors (411.3.3)	✓
8.12.3	For cables concealed in walls at a depth of less than 50 mm (522.6.202; 522.6.203)	✓
8.12.4	For cables concealed in walls/partitions containing metal parts regardless of depth (522.6.203)	✓
8.12.5	For circuits supplying luminaires within domestic (household) premises (411.3.4)	✓
8.13	Provision of fire barriers, sealing arrangements and protection against thermal effects (Section 527)	✓
8.14	Band II cables segregated/separated from Band I cables (528.1)	✓
8.15	Cables segregated/separated from communications cabling (528.2)	✓
8.16	Cables segregated/separated from non-electrical services (528.3)	✓
8.17	**Termination of cables at enclosures - indicate extent of sampling in section d of the report (section 526)**	
8.17.1	Connections soundly made and under no undue strain (526.6)	✓
8.17.2	No basic insulation of a conductor visible outside enclosure (526.8)	✓
8.17.3	Connections of live conductors adequately enclosed (526.5)	✓
8.17.4	Adequately connected at point of entry to enclosure (glands, bushes etc.) (522.8.5)	✓
8.18	Condition of accessories including socket-outlets, switches and joint boxes (651.2 (v))	C3
8.19	Suitability of accessories for external influences (512.2)	✓
8.20	Adequacy or working space/accessibility to equipment (132.12; 513.1)	✓
8.21	Single-pole switching or protective devices in line conductors only (132.14.1; 530.3.3)	✓
9.0 ISOLATION AND SWITCHING		
9.1	**Isolators (Section 460; 537)**	
9.1.1	Presence and condition of appropriate devices (462; 537.2.7)	FI
9.1.2	Acceptable location - state if local or remote from equipment in question (462; 537.2.7)	✓
9.1.3	Capable of being secured in the OFF position (462.3)	✓
9.1.4	Correct operation verified (643.10)	✓
9.1.5	Clearly identified by position and/or durable marking (537.2.6)	✓
9.1.6	Warning label posted in situations where live parts cannot be isolated by the operation of a single device (514.11.1; 537.1.2)	✓
9.2	**Switching off for mechanical maintenance (Section 464; 537.3.2)**	
9.2.1	Presence and condition of appropriate devices (464.1; 527.3.2)	FI
9.2.2	Acceptable location - state if local or remote from equipment in question (537.3.2.4)	✓
9.2.3	Capable of being secured in the OFF position (462.3)	✓
9.2.4	Correct operation verified (643.10)	✓
9.2.5	Clearly identified by position and/or durable marking (537.3.2.4)	✓
9.3	**Emergency switching/stopping (465; 537.3.3)**	
9.3.1	Presence and condition of appropriate devices (Section 465; 537.3.3; 537.4)	✓
9.3.2	Readily accessible for operation where danger might occur (537.3.3.6)	✓
9.3.3	Correct operation verified (643.10)	✓
9.3.4	Clearly identified by position and/or durable marking (537.3.3.6)	✓
9.4	**Functional switching (section 463; 537.3.1)**	
9.4.1	Presence and condition of appropriate devices (537.3.1.1; 537.3.1.2)	✓
9.4.2	Correct operation verified (537.3.1.1; 537.3.1.2)	✓
10.0 CURRENT-USING EQUIPMENT (PERMANENTLY CONNECTED)		
10.1	Condition of equipment in terms of IP rating etc (416.2)	✓
10.2	Equipment does not constitute a fire hazard (Section 421)	✓
10.3	Enclosure not damaged/deteriorated so as to impair safety (134.1.1; 416.2; 512.2)	✓
10.4	Suitability for the environment and external influences (512.2)	✓
10.5	Security of fixing (134.1.1)	✓
10.6	Cable entry holes in ceiling above luminaires, sized or sealed so as to restrict the spread of fire: List number and location of luminaires inspected (separate page) (527.2)	✓
10.7	**Recessed luminaires (downlighters)**	
10.7.1	Correct type of lamps fitted (559.3.1)	✓
10.7.2	Installed to minimize build-up of heat by use of "fire rated" fittings, insulation displacement box or similar (421.1.2)	✓
10.7.3	No signs of overheating to surrounding building fabric (559.4.1)	✓

10.7.4	No signs of overheating to conductors/terminations (526.1)	✓
11.0 PART 7 SPECIAL INSTALLATIONS OR LOCATIONS		
11.01	If any special installations or locations are present, list the particular inspections applied.	✓
11.54	Additional protection for all low voltage (LV) circuits by RCD not exceeding 30 mA (701.411.3.3)	✓
11.55	Where used as a protective measure, requirements for SELV or PELV met (701.414.4.5)	✓
11.56	Shaver supply units comply with BS EN 61558-2-5 formerly BS 3535 (701.512.3)	✓
11.58	Low voltage (e.g. 230 V) socket-outlets sited at least 2.5 m from zone 1 (701.512.3)	✓
11.59	Suitability of equipment for external influences for installed location in terms of IP rating (701.512.2)	✓
11.60	Suitability of accessories and controlgear etc. for a particular zone (701.512.3)	✓
11.61	Suitability of current-using equipment for particular position within the location (701.55)	✓

12.0 Schedule of Tests Results to be recorded on Schedule of Test Results

12.1	External earth loop impedance, Z^e	Yes
12.2	Installation earth electrode	N/A
12.3	Prospective fault current, I^{pf}	Yes
12.4	Continuity of Earth Conductors	Yes
12.5	Continuity of Circuit Protective Conductors	Yes
12.6	Continuity of ring final circuit	Yes
12.7	Continuity of Protective Bonding Conductors	Yes
12.8	Volt drop verified	Yes

12.9	Insulation Resistance between Live Conductors	Yes
12.10	Insulation Resistance between Live Conductors & Earth	Yes
12.11	Polarity (prior to energisation)	Yes
12.12	Polarity (after energisation) including phase sequence	Yes
12.13	Earth Fault Loop Impedance	Yes
12.14	RCDs/RCBOs including selectivity	Yes
12.15	Functional testing of RCD devices	Yes
12.16	Functional testing of AFDD(s) devices	N/A

Inspector's Name: Liam Kimble

Signature: 

Date: 26/07/2022

ELECTRICAL INSTALLATION CONDITION REPORT - Schedule of Tests

for Industrial/Commercial Premises

FT/EICR 110151231

Requirements for Electrical Installations
BS 7671:2018 (IET Wiring Regulations 18th Edition)

Company Name	PHS Compliance	**Company Address**	Kid Glove Road	**Postcode**	WA3 3GR
Branch No.		**Scheme No.**			
Client	UPP Residential Services Ltd	**Installation Address**	Swansea University Bay Campus - Dryslwyn 1B & Nest 2, Reception - Ground Floor Tower Information Centre, Fabian Way, Crymlyn Burrows, Swansea, West Glamorgan	**Postcode**	SA1 8EN

Distribution board details - Complete in every case

Location: Mains Room [Schneider]
Designation: MDB
Num. of ways: 12 Num. of phases: 3
Supply polarity confirmed ☑ Phase sequence confirmed ☑

Complete only if the distribution board is not connected directly to the origin of the installation

Supply to distribution board is from:
Overcurrent protective device for the distribution circuit: BS(EN) N/A Type N/A Rating N/A A Voltage 400/230 V

Characteristics at this distribution board

Associated RCD(if any): BS (EN)
Z_d Ω No. of poles
I_{pf} kA IΔn
Time delay (if applicable)
Operating at 1 IΔn Above 30mA ms
30mA or below
Operating at 5 IΔn ms
(if applicable)

Test instrument serial number(s)

Loop impedance 100701/4664
Insulation resistance 100701/4664
Continuity 100701/4664
RCD 100701/4664

CIRCUIT DETAILS / TEST RESULTS

Circuit No. and Line No.	Distribution board Designation / Circuit designation	Type of wiring	Ref. method	No. of points	Circuit conductors csa (mm²) L / N	Circuit conductors csa (mm²) CPC	Maximum disconnection	Overcurrent protective devices BS EN Number	Type No.	Rating (A)	Breaking capacity (KA)	RCD operating (mA)	BS 7671 Max. permitted Zs Other 80% (Ω)	Circuit impedance Ω Ring final circuits only (measured end-to-end) r1	rn	r2	Fig 8 check (✓)	All circuits to be completed using R1R2 or R2, not both R1 + R2	R2	Insulation resistance (Record lower reading) Test voltage V	L/L, L/N M(Ω)	L/E, N/E M(Ω)	Polarity (✓)	Max. Measured Zs (Ω)	RCD testing Above 30mA IΔn ms	30mA or below 5 IΔn ms	Manual test button operation RCD (✓)	AFDD (✓)
1/L1	Disabled Alarm	O	B	1	4	4	0.4	60947 MCCB	N/A	20	36	N/A	0.70	N/A	N/A	N/A	N/A	0.09	N/A	250	LIM	>299	✓	0.34	N/A	N/A	N/A	N/A
1/L2	Fire Alarm	O	B	1	4	4	0.4	60947 MCCB	N/A	20	36	N/A	0.70	N/A	N/A	N/A	N/A	0.14	N/A	250	LIM	>299	✓	0.39	N/A	N/A	N/A	N/A
1/L3	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
2/TP	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
3/TP	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
4/TP	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
5/TP	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
6/TP	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
7/TP	SPD	D	B	1	16	16	0.4	60947 MCCB	N/A	60	36	N/A	0.40	N/A	N/A	N/A	N/A	0.01	N/A	250	LIM	>299	✓	0.18	N/A	N/A	N/A	N/A
8/TP	Sub Mains(BB Nest)	D	B	1	2X50	SWA	5	60947 MCCB	N/A	200	36	N/A	0.40	N/A	N/A	N/A	N/A	0.04	N/A	250	LIM	>299	✓	0.16	N/A	N/A	N/A	N/A
9/TP	Sub Mains(BB Dryslwyn)	D	B	1	50	SWA	5	60947 MCCB	N/A	200	36	N/A	0.40	N/A	N/A	N/A	N/A	0.04	N/A	250	LIM	>299	✓	0.12	N/A	N/A	N/A	N/A
10/L1	Sub Mains(DB CL3)	D	B	1	25	SWA	5	60947 MCCB	N/A	63	36	N/A	0.37	N/A	N/A	N/A	N/A	0.10	N/A	250	LIM	>299	✓	0.14	N/A	N/A	N/A	N/A
10/L2	Sub Mains(DB CL2)	D	B	1	25	SWA	5	60947 MCCB	N/A	63	36	N/A	0.37	N/A	N/A	N/A	N/A	0.06	N/A	250	LIM	>299	✓	0.11	N/A	N/A	N/A	N/A
10/L3	Sub Mains(DB CL1)	D	B	1	25	SWA	5	60947 MCCB	N/A	80	36	N/A	0.39	N/A	N/A	N/A	N/A	0.09	N/A	250	LIM	>299	✓	0.16	N/A	N/A	N/A	N/A
11/TP	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
12/TP	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Details of circuits and/or installed equipment vulnerable to damage when testing

Date(s) dead testing 28/07/2022 To 28/07/2022

Date(s) live testing 28/07/2022 To 28/07/2022

Tested by: Name (capital letters) LIAM KIMBLE Position Electrical Test Engineer Date 28/07/2022

Signature

Wiring Types. A PVC/PVC, B PVC cables in metallic Conduit, C PVC cables in non-metallic Conduit, D PVC cables in metallic trunking, E PVC cables in non-metallic trunking, F PVC/SWA cables, G SWA/XPLE cables, H Mineral Insulated, MW Metal Work, FM Ferrous Metal, O Other
A/A1 - Single Core PVC Cables (4D1A), A/A2 - Multicore PVC Cables (4D2A), F/F1 - Single-core armoures PVC SWA Cables (4D3A), F/F2 - PVC SWA Cables (4D4A), A/A3 - PVC Twin & Earth (4D5), O/O1 - LSF single core cables 90°C rated (4E1A), O/O2 - Multi-core LSF cables 90°C rated (4E2A), G/G1 - Single-core armoured XLPE cables or 90°C rated (4E3A), G/G2 - Multi-core armoured XLPE cables or 90°C rated (4E4A), H/H1 - MICC exposed to touch (4G1A)

ELECTRICAL INSTALLATION CONDITION REPORT - Schedule of Tests

for Industrial/Commercial Premises

FT/EICR 110151231

Requirements for Electrical Installations
BS 7671:2018 (IET Wiring Regulations 18th Edition)

Company Name	PHS Compliance	**Company Address**	Kid Glove Road	**Postcode**	WA3 3GR	**Branch No.**	**Scheme No.**
Client	UPP Residential Services Ltd	**Installation Address**	Swansea University Bay Campus - Dryslwyn 1B & Nest 2, Reception - Ground Floor Tower Information Centre, Fabian Way, Crymlyn Burrows, Swansea, West Glamorgan	**Postcode**	SA1 8EN		

Distribution board details - Complete in every case

Location: Nest Floor 6 Kitchen [Schneider]
Designation: DB CL23
Num. of ways: 18 Num. of phases: 1
Supply polarity confirmed: ☑ Phase sequence confirmed: ☐

Complete only if the distribution board is not connected directly to the origin of the installation

Supply to distribution board is from:
Overcurrent protective device for the distribution circuit: BS(EN) 88-2 HRC gG Type gG Rating 63 A Voltage 230 V
Time delay (if applicable) N/A

Characteristics at this distribution board

Associated RCD(if any): BS (EN) N/A
Z_d 0.14 Ω No. of poles N/A
I_{pf} 1.66 kA IΔn N/A
Operating at 1 IΔn Above 30mA N/A ms
30mA or below
Operating at 5 IΔn N/A ms
(if applicable)

Test instrument serial number(s)

Loop impedance 100701/4664
Insulation resistance 100701/4664
Continuity 100701/4664
RCD 100701/4664

CIRCUIT DETAILS / TEST RESULTS

Circuit No. and Line No.	Distribution board Designation / Circuit designation	Type of wiring	Ref. method	No. of points	Circuit conductors csa (mm²) L / N	Circuit conductors csa (mm²) CPC	Maximum disconnection	Overcurrent protective devices BS EN Number	Type No.	Rating (A)	Breaking capacity (KA)	RCD operating (mA)	BS 7671 Max. permitted Zs Other 80% (Ω)	Circuit impedance Ω Ring final circuits only (measured end-to-end) r1	rn	r2	Fig 8 check (✓)	All circuits to be completed using R1R2 or R2, not both R1 + R2	R2	Insulation resistance (Record lower reading) Test voltage V	L/L, L/N M(Ω)	L/E, N/E M(Ω)	Polarity (✓)	Max. Measured Zs (Ω)	RCD testing Above 30mA IΔn ms	30mA or below 5 IΔn ms	Manual test button operation RCD (✓)	AFDD (✓)
1/L3	Bedroom Lighting 3+5	A	B	8	1.5	1	0.4	61009 RCD/RCBO	C	10	10	30	1.75	N/A	N/A	N/A	N/A	0.32	N/A	250	LIM	>299	✓	0.63	29.4	28.0	✓	N/A
2/L3	Bedroom Lighting 2+4	A	B	8	1.5	1	0.4	61009 RCD/RCBO	C	10	10	30	1.75	N/A	N/A	N/A	N/A	0.41	N/A	250	LIM	>299	✓	0.72	32.4	27.2	✓	N/A
3/L3	Bedroom Lighting 6+8	A	B	8	1.5	1	0.4	61009 RCD/RCBO	C	10	10	30	1.75	N/A	N/A	N/A	N/A	0.34	N/A	250	LIM	>299	✓	0.64	36.8	25.5	✓	N/A
4/L3	Bedroom Lighting 7+9	A	B	8	1.5	1	0.4	61009 RCD/RCBO	C	10	10	30	1.75	N/A	N/A	N/A	N/A	0.44	N/A	250	LIM	>299	✓	0.74	28.6	25.4	✓	N/A
5/L3	Common Room Lights	A	B	6	1.5	1	0.4	61009 RCD/RCBO	C	10	10	30	1.75	N/A	N/A	N/A	N/A	0.32	N/A	250	LIM	>299	✓	0.66	28.8	27.2	✓	N/A
6/L3	Common Room Ring 1	A	B	8	2x2.5	2x1.5	0.4	61009 RCD/RCBO	C	32	10	30	0.54	0.44	0.44	0.52	N/A	0.24	N/A	250	LIM	>299	✓	0.40	28.8	26.4	✓	N/A
7/L3	Common Room Ring 2	A	B	6	2x2.5	2x1.5	0.4	61009 RCD/RCBO	C	32	10	30	0.54	0.38	0.38	0.45	N/A	0.21	N/A	250	LIM	>299	✓	0.34	28.4	27.4	✓	N/A
8/L3	Isolated	A	B	LIM	10	4	0.4	61009 RCD/RCBO	C	32	10	30	0.54	N/A	N/A	N/A	N/A	LIM	N/A	250	LIM	>299	LIM	LIM	LIM	LIM	LIM	N/A
9/L3	Isolated	A	B	LIM	10	4	0.4	61009 RCD/RCBO	C	32	10	30	0.54	N/A	N/A	N/A	N/A	LIM	N/A	250	LIM	>299	LIM	LIM	LIM	LIM	LIM	N/A
10/L3	Sub Mains(DB CL23/10, DB CL23/10-1)	A	B	2	2x2.5	2x1.5	5	61009 RCD/RCBO	C	32	10	30	0.54	0.24	0.24	0.33	N/A	0.14	N/A	250	LIM	>299	✓	0.40	28.8	27.2	✓	N/A
11/L3	Sub Mains(DB CL23/11, DB CL23/11-1)	A	B	2	2x2.5	2x1.5	5	61009 RCD/RCBO	C	32	10	30	0.54	0.30	0.30	0.45	N/A	0.19	N/A	250	LIM	>299	✓	0.36	27.4	27.0	✓	N/A
12/L3	Sub Mains(DB CL23/12, DB CL23/12-1)	A	B	2	2x2.5	2x1.5	5	61009 RCD/RCBO	C	32	10	30	0.54	0.42	0.42	0.57	N/A	0.25	N/A	250	LIM	>299	✓	0.42	28.8	27.2	✓	N/A
13/L3	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Details of circuits and/or installed equipment vulnerable to damage when testing

Date(s) dead testing 26/07/2022 To 26/07/2022

Date(s) live testing 26/07/2022 To 26/07/2022

Tested by: Name (capital letters) LIAM KIMBLE Position Electrical Test Engineer Date 26/07/2022

Signature

Wiring Types. A PVC/PVC, B PVC cables in metallic Conduit, C PVC cables in non-metallic Conduit, D PVC cables in metallic trunking, E PVC cables in non-metallic trunking, F PVC/SWA cables, G SWA/XPLE cables, H Mineral Insulated, MW Metal Work, FM Ferrous Metal, O Other
A/A1 - Single Core PVC Cables (4D1A), A/A2 - Multicore PVC Cables (4D2A), F/F1 - Single-core armoures PVC SWA Cables (4D3A), F/F2 - PVC SWA Cables (4D4A), A/A3 - PVC Twin & Earth (4D5), O/O1 - LSF single core cables 90°C rated (4E1A), O/O2 - Multi-core LSF cables 90°C rated (4E2A), G/G1 - Single-core armoured XLPE cables or 90°C rated (4E3A), G/G2 - Multi-core armoured XLPE cables or 90°C rated (4E4A), H/H1 - MICC exposed to touch (4G1A)

ELECTRICAL INSTALLATION CONDITION REPORT - Schedule of Tests

FT/EICR 110151231

for Industrial/Commercial Premises

Requirements for Electrical Installations
BS 7671:2018 (IET Wiring Regulations 18th Edition)

CIRCUIT DETAILS / TEST RESULTS

Circuit No. and Line No.	Distribution board Designation / Circuit designation	Type of wiring	Ref. method	No. of points	Circuit conductors csa (mm²) L / N	Circuit conductors csa (mm²) CPC	Maximum disconnection	Overcurrent protective devices BS EN Number	Overcurrent protective devices Type No.	Overcurrent protective devices Rating (A)	Breaking capacity (KA)	RCD operating (mA)	BS 7671 Max. permitted Zs Other 80% (Ω)	Circuit impedance Ω Ring final circuits only (measured end-to-end) r1	r1	rn	r2	Fig 8 check (✓)	All circuits to be completed using R1R2 or R2, not both R1 + R2	R2	Insulation resistance (Record lower reading) Test voltage V	L/L, L/N M(Ω)	L/E, N/E M(Ω)	Polarity (✓)	Max. Measured Zs (Ω)	RCD testing Above 30mA IΔn ms	30mA or below 5 IΔn ms	Manual test button operation RCD (✓)	AFDD (✓)
14/L3	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
15/L3	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
16/L3	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
17/L3	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
18/L3	Sub Mains(DB CL23/18, DB CL23/18-1)	A	B	2	2x2.5	2x1.5	5	61009 RCD/RCBO	C	32	10	30	0.54	0.32	0.32	0.32	0.47	N/A	0.20	N/A	250	LIM	>299	✓	0.38	28.8	24.2	✓	N/A

Details of circuits and/or installed equipment vulnerable to damage when testing

Date(s) dead testing 26/07/2022 To 26/07/2022

Date(s) live testing 26/07/2022 To 26/07/2022

Signature

Tested by: Name (capital letters) LIAM KIMBLE Position Electrical Test Engineer Date 26/07/2022

Wiring Types. A PVC/PVC, B PVC cables in metallic Conduit, C PVC cables in non-metallic Conduit, D PVC cables in metallic trunking, E PVC cables in non-metallic trunking, F PVC/SWA cables, G SWA/XPLE cables, H Mineral Insulated, MW Metal Work, FM Ferrous Metal, O Other
A/A1 - Single Core PVC Cables (4D1A), A/A2 - Multicore PVC Cables (4D2A), F/F1 - Single-core armoures PVC SWA Cables (4D3A), F/F2 - PVC SWA Cables (4D4A), A/A3 - PVC Twin & Earth (4D5), O/O1 - LSF single core cables 90°C rated (4E1A), O/O2 - Multi-core LSF cables 90°C rated (4E2A), G/G1 - Single-core armoured XLPE cables or 90°C rated (4E3A), G/G2 - Multi-core armoured XLPE cables or 90°C rated (4E4A), H/H1 - MICC exposed to touch (4G1A)

ELECTRICAL INSTALLATION CONDITION REPORT - Schedule of Tests

for Industrial/Commercial Premises

FT/EICR 110151231

Requirements for Electrical Installations
BS 7671:2018 (IET Wiring Regulations 18th Edition)

Company Name	PHS Compliance	**Company Address**	Kid Glove Road	**Postcode**	WA3 3GR	**Branch No.**	**Scheme No.**
Client	UPP Residential Services Ltd	**Installation Address**	Swansea University Bay Campus - Dryslwyn 1B & Nest 2, Reception - Ground Floor Tower Information Centre, Fabian Way, Crymlyn Burrows, Swansea, West Glamorgan	**Postcode**	SA1 8EN		

Distribution board details - Complete in every case

Location: Room 2 Riser [Schneider]
Designation: DB CL23/10
Num. of ways: 4 Num. of phases: 1
Supply polarity confirmed ☐ Phase sequence confirmed ☐

Complete only if the distribution board is not connected directly to the origin of the installation

Supply to distribution board is from: Sub Mains(DB CL23, 10/L3)
Overcurrent protective device for the distribution circuit: BS(EN) 61009 RCD/RCBO Type C Rating 32 A Voltage 230 V

Characteristics at this distribution board

Associated RCD(if any): BS (EN) 61008
Z_d 0.40 Ω No. of poles 2
I_{pf} 0.54 kA IΔn 30
Time delay (if applicable) N/A
Above 30mA Operating at 1 IΔn 28.8 ms
30mA or below Operating at 5 IΔn 27.2 ms
(if applicable)

Test instrument serial number(s)

Loop impedance 100701/4664
Insulation resistance 100701/4664
Continuity 100701/4664
RCD 100701/4664

CIRCUIT DETAILS / TEST RESULTS

Circuit No. and Line No.	Distribution board Designation / Circuit designation	Type of wiring	Ref. method	No. of points	Circuit conductors csa (mm²) L / N	Circuit conductors csa (mm²) CPC	Maximum disconnection	Overcurrent protective devices BS EN Number	Type No.	Rating (A)	Breaking capacity (KA)	RCD operating (mA)	BS 7671 Max. permitted Zs Other 80% (Ω)	Circuit impedance Ω Ring final circuits only (measured end-to-end) r1	rn	r2	Fig 8 check (✓)	All circuits to be completed using R1R2 or R2, not both R1 + R2	R2	Insulation resistance (Record lower reading) Test voltage V	L/L, L/N M(Ω)	L/E, N/E M(Ω)	Polarity (✓)	Max. Measured Zs (Ω)	RCD testing Above 30mA IΔn ms	30mA or below 5 IΔn ms	Manual test button operation RCD (✓)	AFDD (✓)
1/L3	Sockets	A	B	6	2.5	1.5	0.4	60898 MCB	B	10	6	N/A	3.49	N/A	N/A	N/A	N/A	0.22	N/A	250	LIM	>299	✓	0.57	N/A	N/A	N/A	N/A
2/L3	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
3/L3	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
4/L3	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Details of circuits and/or installed equipment vulnerable to damage when testing

Date(s) dead testing 26/07/2022 To 26/07/2022

Date(s) live testing 26/07/2022 To 26/07/2022

Tested by: Name (capital letters) LIAM KIMBLE Position Electrical Test Engineer Date 26/07/2022

Signature

Wiring Types. A PVC/PVC, B PVC cables in metallic Conduit, C PVC cables in non-metallic Conduit, D PVC cables in metallic trunking, E PVC cables in non-metallic trunking, F PVC/SWA cables, G SWA/XPLE cables, H Mineral Insulated, MW Metal Work, FM Ferrous Metal, O Other
A/A1 - Single Core PVC Cables (4D1A), A/A2 - Multicore PVC Cables (4D2A), F/F1 - Single-core armoures PVC SWA Cables (4D3A), F/F2 - PVC SWA Cables (4D4A), A/A3 - PVC Twin & Earth (4D5), O/O1 - LSF single core cables 90°C rated (4E1A), O/O2 - Multi-core LSF cables 90°C rated (4E2A), G/G1 - Single-core armoured XLPE cables or 90°C rated (4E3A), G/G2 - Multi-core armoured XLPE cables or 90°C rated (4E4A), H/H1 - MICC exposed to touch (4G1A)

ELECTRICAL INSTALLATION CONDITION REPORT - Schedule of Tests

for Industrial/Commercial Premises

FT/EICR 110151231

Requirements for Electrical Installations
BS 7671:2018 (IET Wiring Regulations 18th Edition)

Company Name	PHS Compliance	**Company Address**	Kid Glove Road	**Postcode**	WA3 3GR	**Branch No.**	**Scheme No.**
Client	UPP Residential Services Ltd	**Installation Address**	Swansea University Bay Campus - Dryslwyn 1B & Nest 2, Reception - Ground Floor Tower Information Centre, Fabian Way, Crymlyn Burrows, Swansea, West Glamorgan	**Postcode**	SA1 8EN		

Distribution board details - Complete in every case

Location: Room 4 Riser [Schneider]
Designation: DB CL23/10-1
Num. of ways: 4 Num. of phases: 1
Supply polarity confirmed ☐ Phase sequence confirmed ☐

Complete only if the distribution board is not connected directly to the origin of the installation

Supply to distribution board is from: Sub Mains(DB CL23, 10/L3)
Overcurrent protective device for the distribution circuit: BS(EN) 61009 RCD/RCBO Type C Rating 32 A Voltage 230 V

Characteristics at this distribution board

Associated RCD(if any): BS (EN) 61008
Z_d 0.40 Ω No. of poles 2
I_{pf} 0.54 kA IΔn 30
Time delay (if applicable) N/A
Operating at 1 IΔn: Above 30mA 28.8 ms
Operating at 5 IΔn: 30mA or below 27.2 ms
(if applicable)

Test instrument serial number(s)

Loop impedance: 100701/4664
Insulation resistance: 100701/4664
Continuity: 100701/4664
RCD: 100701/4664

CIRCUIT DETAILS / TEST RESULTS

Circuit No. and Line No.	Distribution board Designation / Circuit designation	Type of wiring	Ref. method	No. of points	Circuit conductors csa (mm²) L / N	Circuit conductors csa (mm²) CPC	Maximum disconnection	Overcurrent protective devices BS EN Number	Type No.	Rating (A)	Breaking capacity (KA)	RCD operating (mA)	BS 7671 Max. permitted Zs Other 80% (Ω)	Circuit impedance Ω Ring final circuits only (measured end-to-end) r1	rn	r2	Fig 8 check (✓)	All circuits to be completed using R1R2 or R2, not both R1 + R2	R2	Insulation resistance (Record lower reading) Test voltage V	L/L, L/N M(Ω)	L/E, N/E M(Ω)	Polarity (✓)	Max. Measured Zs (Ω)	RCD testing Above 30mA IΔn ms	30mA or below 5 IΔn ms	Manual test button operation RCD (✓)	AFDD (✓)
1/L3	Sockets	A	B	6	2.5	1.5	0.4	60898 MCB	B	10	6	N/A	3.49	N/A	N/A	N/A	N/A	0.18	N/A	250	LIM	>299	✓	0.46	N/A	N/A	N/A	N/A
2/L3	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
3/L3	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
4/L3	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Details of circuits and/or installed equipment vulnerable to damage when testing

Date(s) dead testing: 26/07/2022 To 26/07/2022

Date(s) live testing: 26/07/2022 To 26/07/2022

Tested by: Name (capital letters): LIAM KIMBLE Position: Electrical Test Engineer Date: 26/07/2022

Signature

Wiring Types. A PVC/PVC, B PVC cables in metallic Conduit, C PVC cables in non-metallic Conduit, D PVC cables in metallic trunking, E PVC cables in non-metallic trunking, F PVC/SWA cables, G SWA/XPLE cables, H Mineral Insulated, MW Metal Work, FM Ferrous Metal, O Other
A/A1 - Single Core PVC Cables (4D1A), A/A2 - Multicore PVC Cables (4D2A), F/F1 - Single-core armoures PVC SWA Cables (4D3A), F/F2 - PVC SWA Cables (4D4A), A/A3 - PVC Twin & Earth (4D5), O/O1 - LSF single core cables 90°C rated (4E1A), O/O2 - Multi-core LSF cables 90°C rated (4E2A), G/G1 - Single-core armoured XLPE cables or 90°C rated (4E3A), G/G2 - Multi-core armoured XLPE cables or 90°C rated (4E4A), H/H1 - MICC exposed to touch (4G1A)

ELECTRICAL INSTALLATION CONDITION REPORT - Schedule of Tests

for Industrial/Commercial Premises

FT/EICR 110151231

Requirements for Electrical Installations
BS 7671:2018 (IET Wiring Regulations 18th Edition)

Company Name	PHS Compliance	**Company Address**	Kid Glove Road	**Postcode**	WA3 3GR	**Branch No.**	**Scheme No.**
Client	UPP Residential Services Ltd	**Installation Address**	Swansea University Bay Campus - Dryslwyn 1B & Nest 2, Reception - Ground Floor Tower Information Centre, Fabian Way, Crymlyn Burrows, Swansea, West Glamorgan	**Postcode**	SA1 8EN		

Distribution board details - Complete in every case

Location: Room 3 Riser [Schneider]
Designation: DB CL23/11
Num. of ways: 4 Num. of phases: 1
Supply polarity confirmed: ☑ Phase sequence confirmed: ☐

Complete only if the distribution board is not connected directly to the origin of the installation

Supply to distribution board is from: Sub Mains(DB CL23, 11/L3)
Overcurrent protective device for the distribution circuit: BS(EN) 61009 RCD/RCBO Type C Rating 32 A Voltage 230 V

Characteristics at this distribution board

Associated RCD(if any): BS (EN) 61008
Z_d 0.36 Ω No. of poles 2
I_{pf} 0.65 kA IΔn 30
Time delay (if applicable) N/A
Above 30mA Operating at 1 IΔn 27.4 ms
30mA or below Operating at 5 IΔn 27.0 ms
(if applicable)

Test instrument serial number(s)

Loop impedance: 100701/4664
Insulation resistance: 100701/4664
Continuity: 100701/4664
RCD: 100701/4664

CIRCUIT DETAILS / TEST RESULTS

Circuit No. and Line No.	Distribution board Designation / Circuit designation	Type of wiring	Ref. method	No. of points	Circuit conductors csa (mm²) L / N	Circuit conductors csa (mm²) CPC	Maximum disconnection	Overcurrent protective devices BS EN Number	Type No.	Rating (A)	Breaking capacity (KA)	RCD operating (mA)	BS 7671 Max. permitted Zs Other 80% (Ω)	Circuit impedance Ω Ring final circuits only (measured end-to-end) r1	rn	r2	Fig 8 check (✓)	All circuits to be completed using R1R2 or R2, not both R1 + R2	R2	Insulation resistance (Record lower reading) Test voltage V	L/L, L/N M(Ω)	L/E, N/E M(Ω)	Polarity (✓)	Max. Measured Zs (Ω)	RCD testing Above 30mA IΔn ms	30mA or below 5 IΔn ms	Manual test button operation RCD (✓)	AFDD (✓)
1/L3	Sockets	A	B	6	2.5	1.5	0.4	60898 MCB	B	10	6	N/A	3.49	N/A	N/A	N/A	N/A	0.14	N/A	250	LIM	>299	✓	0.55	N/A	N/A	N/A	N/A
2/L3	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
3/L3	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
4/L3	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Details of circuits and/or installed equipment vulnerable to damage when testing

Date(s) dead testing: 26/07/2022 To: 26/07/2022

Date(s) live testing: 26/07/2022 To: 26/07/2022

Tested by: Name (capital letters): LIAM KIMBLE Position: Electrical Test Engineer Date: 26/07/2022

Signature

Wiring Types. A PVC/PVC, B PVC cables in metallic Conduit, C PVC cables in non-metallic Conduit, D PVC cables in metallic trunking, E PVC cables in non-metallic trunking, F PVC/SWA cables, G SWA/XPLE cables, H Mineral Insulated, MW Metal Work, FM Ferrous Metal, O Other
A/A1 - Single Core PVC Cables (4D1A), A/A2 - Multicore PVC Cables (4D2A), F/F1 - Single-core armoures PVC SWA Cables (4D3A), F/F2 - PVC SWA Cables (4D4A), A/A3 - PVC Twin & Earth (4D5), O/O1 - LSF single core cables 90°C rated (4E1A), O/O2 - Multi-core LSF cables 90°C rated (4E2A), G/G1 - Single-core armoured XLPE cables or 90°C rated (4E3A), G/G2 - Multi-core armoured XLPE cables or 90°C rated (4E4A), H/H1 - MICC exposed to touch (4G1A)

ELECTRICAL INSTALLATION CONDITION REPORT - Schedule of Tests

for Industrial/Commercial Premises

FT/EICR 110151231

Requirements for Electrical Installations
BS 7671:2018 (IET Wiring Regulations 18th Edition)

Company Name	PHS Compliance	**Company Address**	Kid Glove Road	**Postcode**	WA3 3GR	**Branch No.**	**Scheme No.**
Client	UPP Residential Services Ltd	**Installation Address**	Swansea University Bay Campus - Dryslwyn 1B & Nest 2, Reception - Ground Floor Tower Information Centre, Fabian Way, Crymlyn Burrows, Swansea, West Glamorgan	**Postcode**	SA1 8EN		

Distribution board details - Complete in every case

Location: Room 5 Riser [Schneider]
Designation: DB CL23/11-1
Num. of ways: 4 Num. of phases: 1
Supply polarity confirmed ☐ Phase sequence confirmed ☐

Complete only if the distribution board is not connected directly to the origin of the installation

Supply to distribution board is from: Sub Mains(DB CL23, 11/L3)
Overcurrent protective device for the distribution circuit: BS(EN) 61009 RCD/RCBO Type C Rating 32 A Voltage 230 V

Characteristics at this distribution board

Associated RCD(if any): BS (EN) 61008
Z_d 0.36 Ω No. of poles 2
I_{pf} 0.65 kA IΔn 30
Time delay (if applicable) N/A
Operating at 1 IΔn: Above 30mA 27.4 ms
Operating at 5 IΔn: 30mA or below 27.0 ms
(if applicable)

Test instrument serial number(s)

Loop impedance: 100701/4664
Insulation resistance: 100701/4664
Continuity: 100701/4664
RCD: 100701/4664

CIRCUIT DETAILS / TEST RESULTS

Circuit No. and Line No.	Distribution board Designation / Circuit designation	Type of wiring	Ref. method	No. of points	Circuit conductors csa (mm²) L / N	Circuit conductors csa (mm²) CPC	Maximum disconnection	Overcurrent protective devices BS EN Number	Type No.	Rating (A)	Breaking capacity (KA)	RCD operating (mA)	BS 7671 Max. permitted Zs Other 80% (Ω)	Circuit impedance Ω Ring final circuits only (measured end-to-end) r1	rn	r2	Fig 8 check (✓)	All circuits to be completed using R1R2 or R2, not both R1 + R2	R2	Insulation resistance (Record lower reading) Test voltage V	L/L, L/N M(Ω)	L/E, N/E M(Ω)	Polarity (✓)	Max. Measured Zs (Ω)	RCD testing Above 30mA IΔn ms	30mA or below 5 IΔn ms	Manual test button operation RCD (✓)	AFDD (✓)
1/L3	Sockets	A	B	6	2.5	1.5	0.4	60898 MCB	B	10	6	N/A	3.49	N/A	N/A	N/A	N/A	0.10	N/A	250	LIM	>299	✓	0.48	N/A	N/A	N/A	N/A
2/L3	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
3/L3	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
4/L3	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Details of circuits and/or installed equipment vulnerable to damage when testing

Date(s) dead testing: 26/07/2022 To 26/07/2022

Date(s) live testing: 26/07/2022 To 26/07/2022

Tested by: Name (capital letters): LIAM KIMBLE Position: Electrical Test Engineer Date: 26/07/2022

Signature

Wiring Types. A PVC/PVC, B PVC cables in metallic Conduit, C PVC cables in non-metallic Conduit, D PVC cables in metallic trunking, E PVC cables in non-metallic trunking, F PVC/SWA cables, G SWA/XPLE cables, H Mineral Insulated, MW Metal Work, FM Ferrous Metal, O Other
A/A1 - Single Core PVC Cables (4D1A), A/A2 - Multicore PVC Cables (4D2A), F/F1 - Single-core armoures PVC SWA Cables (4D3A), F/F2 - PVC SWA Cables (4D4A), A/A3 - PVC Twin & Earth (4D5), O/O1 - LSF single core cables 90°C rated (4E1A), O/O2 - Multi-core LSF cables 90°C rated (4E2A), G/G1 - Single-core armoured XLPE cables or 90°C rated (4E3A), G/G2 - Multi-core armoured XLPE cables or 90°C rated (4E4A), H/H1 - MICC exposed to touch (4G1A)

ELECTRICAL INSTALLATION CONDITION REPORT - Schedule of Tests

for Industrial/Commercial Premises

FT/EICR 110151231

Requirements for Electrical Installations
BS 7671:2018 (IET Wiring Regulations 18th Edition)

Company Name	PHS Compliance	**Company Address**	Kid Glove Road	**Postcode**	WA3 3GR	**Branch No.**	**Scheme No.**
Client	UPP Residential Services Ltd	**Installation Address**	Swansea University Bay Campus - Dryslwyn 1B & Nest 2, Reception - Ground Floor Tower Information Centre, Fabian Way, Crymlyn Burrows, Swansea, West Glamorgan	**Postcode**	SA1 8EN		

Distribution board details - Complete in every case

Location: Room 6 Riser [Schneider]
Designation: DB CL23/12
Num. of ways: 4 Num. of phases: 1
Supply polarity confirmed ☐ Phase sequence confirmed ☐

Complete only if the distribution board is not connected directly to the origin of the installation

Supply to distribution board is from: Sub Mains(DB CL23, 12/L3)
Overcurrent protective device for the distribution circuit: BS(EN) 61009 RCD/RCBO Type C Rating 32 A Voltage 230 V

Characteristics at this distribution board

Associated RCD(if any): BS (EN) 61008
Z_d 0.42 Ω No. of poles 2
I_{pf} 0.54 kA IΔn 30
Time delay (if applicable) N/A
Operating at 1 IΔn: Above 30mA 28.8 ms
Operating at 5 IΔn: 30mA or below 27.2 ms
(if applicable)

Test instrument serial number(s)

Loop impedance 100701/4664
Insulation resistance 100701/4664
Continuity 100701/4664
RCD 100701/4664

CIRCUIT DETAILS / TEST RESULTS

Circuit No. and Line No.	Distribution board Designation / Circuit designation	Type of wiring	Ref. method	No. of points	Circuit conductors csa (mm²) L / N	Circuit conductors csa (mm²) CPC	Maximum disconnection	Overcurrent protective devices BS EN Number	Type No.	Rating (A)	Breaking capacity (KA)	RCD operating (mA)	BS 7671 Max. permitted Zs Other 80% (Ω)	Circuit impedance Ω Ring final circuits only (measured end-to-end) r1	rn	r2	Fig 8 check (✓)	All circuits to be completed using R1R2 or R2, not both R1 + R2	R2	Insulation resistance (Record lower reading) Test voltage V	L/L, L/N M(Ω)	L/E, N/E M(Ω)	Polarity (✓)	Max. Measured Zs (Ω)	RCD testing Above 30mA IΔn ms	30mA or below 5 IΔn ms	Manual test button operation RCD (✓)	AFDD (✓)
1/L3	Sockets	A	B	6	2.5	1.5	0.4	60898 MCB	B	10	6	N/A	3.49	N/A	N/A	N/A	N/A	0.17	N/A	250	LIM	>299	✓	0.64	N/A	N/A	N/A	N/A
2/L3	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
3/L3	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
4/L3	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Details of circuits and/or installed equipment vulnerable to damage when testing

Date(s) dead testing 26/07/2022 To 26/07/2022

Date(s) live testing 26/07/2022 To 26/07/2022

Tested by: Name (capital letters) LIAM KIMBLE Position Electrical Test Engineer Date 26/07/2022

Signature

Wiring Types. A PVC/PVC, B PVC cables in metallic Conduit, C PVC cables in non-metallic Conduit, D PVC cables in metallic trunking, E PVC cables in non-metallic trunking, F PVC/SWA cables, G SWA/XPLE cables, H Mineral Insulated, MW Metal Work, FM Ferrous Metal, O Other
A/A1 - Single Core PVC Cables (4D1A), A/A2 - Multicore PVC Cables (4D2A), F/F1 - Single-core armoures PVC SWA Cables (4D3A), F/F2 - PVC SWA Cables (4D4A), A/A3 - PVC Twin & Earth (4D5), O/O1 - LSF single core cables 90°C rated (4E1A), O/O2 - Multi-core LSF cables 90°C rated (4E2A), G/G1 - Single-core armoured XLPE cables or 90°C rated (4E3A), G/G2 - Multi-core armoured XLPE cables or 90°C rated (4E4A), H/H1 - MICC exposed to touch (4G1A)

ELECTRICAL INSTALLATION CONDITION REPORT - Schedule of Tests

for Industrial/Commercial Premises

FT/EICR 110151231

Requirements for Electrical Installations
BS 7671:2018 (IET Wiring Regulations 18th Edition)

Company Name	PHS Compliance	**Company Address**	Kid Glove Road	**Postcode**	WA3 3GR	**Branch No.**	**Scheme No.**
Client	UPP Residential Services Ltd	**Installation Address**	Swansea University Bay Campus - Dryslwyn 1B & Nest 2, Reception - Ground Floor Tower Information Centre, Fabian Way, Crymlyn Burrows, Swansea, West Glamorgan	**Postcode**	SA1 8EN		

Distribution board details - Complete in every case

Location: Room 8 Riser [Schneider]
Designation: DB CL23/12-1
Num. of ways: 4 Num. of phases: 1
Supply polarity confirmed: ☑ Phase sequence confirmed: ☐

Complete only if the distribution board is not connected directly to the origin of the installation

Supply to distribution board is from: Sub Mains(DB CL23, 12/L3)
Overcurrent protective device for the distribution circuit: BS(EN) 61009 RCD/RCBO Type C Rating 32 A Voltage 230 V

Characteristics at this distribution board

Associated RCD(if any): BS (EN) 61008
Z_d 0.42 Ω No. of poles 2
I_{pf} 0.54 kA IΔn 30
Time delay (if applicable) N/A
Operating at 1 IΔn: Above 30mA 28.8 ms
Operating at 5 IΔn: 30mA or below 27.2 ms
(if applicable)

Test instrument serial number(s)

Loop impedance: 100701/4664
Insulation resistance: 100701/4664
Continuity: 100701/4664
RCD: 100701/4664

CIRCUIT DETAILS / TEST RESULTS

Circuit No. and Line No.	Distribution board Designation / Circuit designation	Type of wiring	Ref. method	No. of points	Circuit conductors csa (mm²) L / N	Circuit conductors csa (mm²) CPC	Maximum disconnection	Overcurrent protective devices BS EN Number	Type No.	Rating (A)	Breaking capacity (KA)	RCD operating (mA)	BS 7671 Max. permitted Zs Other 80% (Ω)	Circuit impedance Ω Ring final circuits only (measured end-to-end) r1	rn	r2	Fig 8 check (✓)	All circuits to be completed using R1R2 or R2, not both R1 + R2	R2	Insulation resistance (Record lower reading) Test voltage V	L/L, L/N M(Ω)	L/E, N/E M(Ω)	Polarity (✓)	Max. Measured Zs (Ω)	RCD testing Above 30mA IΔn ms	30mA or below 5 IΔn ms	Manual test button operation RCD (✓)	AFDD (✓)
1/L3	Sockets	A	B	6	2.5	1.5	0.4	60898 MCB	B	10	6	N/A	3.49	N/A	N/A	N/A	N/A	0.10	N/A	250	LIM	>299	✓	0.54	N/A	N/A	N/A	N/A
2/L3	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
3/L3	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
4/L3	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Details of circuits and/or installed equipment vulnerable to damage when testing

Date(s) dead testing: 26/07/2022 To 26/07/2022

Date(s) live testing: 26/07/2022 To 26/07/2022

Tested by: Name (capital letters): LIAM KIMBLE Position: Electrical Test Engineer Date: 26/07/2022

Signature:

Wiring Types. A PVC/PVC, B PVC cables in metallic Conduit, C PVC cables in non-metallic Conduit, D PVC cables in metallic trunking, E PVC cables in non-metallic trunking, F PVC/SWA cables, G SWA/XPLE cables, H Mineral Insulated, MW Metal Work, FM Ferrous Metal, O Other
A/A1 - Single Core PVC Cables (4D1A), A/A2 - Multicore PVC Cables (4D2A), F/F1 - Single-core armoures PVC SWA Cables (4D3A), F/F2 - PVC SWA Cables (4D4A), A/A3 - PVC Twin & Earth (4D5), O/O1 - LSF single core cables 90°C rated (4E1A), O/O2 - Multi-core LSF cables 90°C rated (4E2A), G/G1 - Single-core armoured XLPE cables or 90°C rated (4E3A), G/G2 - Multi-core armoured XLPE cables or 90°C rated (4E4A), H/H1 - MICC exposed to touch (4G1A)

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Company Name	PHS Compliance	**Company Address**	Kid Glove Road	**Postcode**	WA3 3GR	**Branch No.**	**Scheme No.**
Client	UPP Residential Services Ltd	**Installation Address**	Swansea University Bay Campus - Dryslwyn 1B & Nest 2, Reception - Ground Floor Tower Information Centre, Fabian Way, Crymlyn Burrows, Swansea, West Glamorgan	**Postcode**	SA1 8EN		

Distribution board details - Complete in every case

Location: Room 7 Riser [Schneider]
Designation: DB CL23/18
Num. of ways: 4 Num. of phases: 1
Supply polarity confirmed: ☑ Phase sequence confirmed: ☐

Complete only if the distribution board is not connected directly to the origin of the installation

Supply to distribution board is from: Sub Mains(DB CL23, 18/L3)
Overcurrent protective device for the distribution circuit: BS(EN) 61009 RCD/RCBO Type C Rating 32 A Voltage 230 V

Characteristics at this distribution board

Associated RCD(if any): BS (EN) 61008
Z_d 0.38 Ω No. of poles 2
I_{pf} 0.60 kA IΔn 30
Time delay (if applicable) N/A
Operating at 1 IΔn Above 30mA 28.8 ms
Operating at 5 IΔn 30mA or below 24.2 ms
(if applicable)

Test instrument serial number(s)

Loop impedance 100701/4664
Insulation resistance 100701/4664
Continuity 100701/4664
RCD 100701/4664

CIRCUIT DETAILS / TEST RESULTS

Circuit No. and Line No.	Distribution board Designation / Circuit designation	Type of wiring	Ref. method	No. of points	Circuit conductors csa (mm²) L / N	Circuit conductors csa (mm²) CPC	Maximum disconnection	Overcurrent protective devices BS EN Number	Type No.	Rating (A)	Breaking capacity (KA)	RCD operating (mA)	BS 7671 Max. permitted Zs Other 80% (Ω)	Circuit impedance Ω Ring final circuits only (measured end-to-end) r1	rn	r2	Fig 8 check (✓)	All circuits to be completed using R1R2 or R2, not both R1 + R2	R2	Insulation resistance (Record lower reading) Test voltage V	L/L, L/N M(Ω)	L/E, N/E M(Ω)	Polarity (✓)	Max. Measured Zs (Ω)	RCD testing Above 30mA IΔn ms	30mA or below 5 IΔn ms	Manual test button operation RCD (✓)	AFDD (✓)
1/L3	Sockets	A	B	6	2.5	1.5	0.4	60898 MCB	B	10	6	N/A	3.49	N/A	N/A	N/A	N/A	0.14	N/A	250	LIM	>299	✓	0.57	N/A	N/A	N/A	N/A
2/L3	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
3/L3	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
4/L3	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Details of circuits and/or installed equipment vulnerable to damage when testing

Date(s) dead testing 26/07/2022 To 26/07/2022

Date(s) live testing 26/07/2022 To 26/07/2022

Tested by: Name (capital letters) LIAM KIMBLE Position Electrical Test Engineer Date 26/07/2022

Signature

Wiring Types. A PVC/PVC, B PVC cables in metallic Conduit, C PVC cables in non-metallic Conduit, D PVC cables in metallic trunking, E PVC cables in non-metallic trunking, F PVC/SWA cables, G SWA/XPLE cables, H Mineral Insulated, MW Metal Work, FM Ferrous Metal, O Other
A/A1 - Single Core PVC Cables (4D1A), A/A2 - Multicore PVC Cables (4D2A), F/F1 - Single-core armoures PVC SWA Cables (4D3A), F/F2 - PVC SWA Cables (4D4A), A/A3 - PVC Twin & Earth (4D5), O/O1 - LSF single core cables 90°C rated (4E1A), O/O2 - Multi-core LSF cables 90°C rated (4E2A), G/G1 - Single-core armoured XLPE cables or 90°C rated (4E3A), G/G2 - Multi-core armoured XLPE cables or 90°C rated (4E4A), H/H1 - MICC exposed to touch (4G1A)

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Company Name	PHS Compliance	**Company Address**	Kid Glove Road	**Postcode**	WA3 3GR	**Branch No.**	**Scheme No.**
Client	UPP Residential Services Ltd	**Installation Address**	Swansea University Bay Campus - Dryslwyn 1B & Nest 2, Reception - Ground Floor Tower Information Centre, Fabian Way, Crymlyn Burrows, Swansea, West Glamorgan	**Postcode**	SA1 8EN		

Distribution board details - Complete in every case

Location: Room X Riser [Schneider]
Designation: DB CL23/18-1
Num. of ways: 4 Num. of phases: 1
Supply polarity confirmed ☐ Phase sequence confirmed ☐

Complete only if the distribution board is not connected directly to the origin of the installation

Supply to distribution board is from: Sub Mains(DB CL23, 18/L3)
Overcurrent protective device for the distribution circuit: BS(EN) 61009 RCD/RCBO Type C Rating 32 A Voltage 230 V

Characteristics at this distribution board

Associated RCD(if any): BS (EN) 61008
Z_d 0.38 Ω No. of poles 2
I_{pf} 0.60 kA IΔn 30
Time delay (if applicable) N/A
Operating at 1 IΔn: Above 30mA 28.8 ms
Operating at 5 IΔn: 30mA or below 24.2 ms
(if applicable)

Test instrument serial number(s)

Loop impedance 100701/4664
Insulation resistance 100701/4664
Continuity 100701/4664
RCD 100701/4664

CIRCUIT DETAILS / TEST RESULTS

Circuit No. and Line No.	Distribution board Designation / Circuit designation	Type of wiring	Ref. method	No. of points	Circuit conductors csa (mm²) L / N	Circuit conductors csa (mm²) CPC	Maximum disconnection	Overcurrent protective devices BS EN Number	Type No.	Rating (A)	Breaking capacity (KA)	RCD operating (mA)	BS 7671 Max. permitted Zs Other 80% (Ω)	Circuit impedance Ω Ring final circuits only (measured end-to-end) r1	rn	r2	Fig 8 check (✓)	All circuits to be completed using R1R2 or R2, not both R1 + R2	R2	Insulation resistance (Record lower reading) Test voltage V	L/L, L/N M(Ω)	L/E, N/E M(Ω)	Polarity (✓)	Max. Measured Zs (Ω)	RCD testing Above 30mA IΔn ms	30mA or below 5 IΔn ms	Manual test button operation RCD (✓)	AFDD (✓)
1/L3	Sockets	A	B	6	2.5	1.5	0.4	60898 MCB	B	10	6	N/A	3.49	N/A	N/A	N/A	N/A	0.14	N/A	250	LIM	>299	✓	0.62	N/A	N/A	N/A	N/A
2/L3	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
3/L3	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
4/L3	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Details of circuits and/or installed equipment vulnerable to damage when testing

Date(s) dead testing 26/07/2022 To 26/07/2022

Date(s) live testing 26/07/2022 To 26/07/2022

Tested by: Name (capital letters) LIAM KIMBLE Position Electrical Test Engineer Date 26/07/2022

Signature

Wiring Types. A PVC/PVC, B PVC cables in metallic Conduit, C PVC cables in non-metallic Conduit, D PVC cables in metallic trunking, E PVC cables in non-metallic trunking, F PVC/SWA cables, G SWA/XPLE cables, H Mineral Insulated, MW Metal Work, FM Ferrous Metal, O Other
A/A1 - Single Core PVC Cables (4D1A), A/A2 - Multicore PVC Cables (4D2A), F/F1 - Single-core armoures PVC SWA Cables (4D3A), F/F2 - PVC SWA Cables (4D4A), A/A3 - PVC Twin & Earth (4D5), O/O1 - LSF single core cables 90°C rated (4E1A), O/O2 - Multi-core LSF cables 90°C rated (4E2A), G/G1 - Single-core armoured XLPE cables or 90°C rated (4E3A), G/G2 - Multi-core armoured XLPE cables or 90°C rated (4E4A), H/H1 - MICC exposed to touch (4G1A)

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Company Name	PHS Compliance	**Company Address**	Kid Glove Road	**Postcode**	WA3 3GR	**Branch No.**	**Scheme No.**
Client	UPP Residential Services Ltd	**Installation Address**	Swansea University Bay Campus - Dryslwyn 1B & Nest 2, Reception - Ground Floor Tower Information Centre, Fabian Way, Crymlyn Burrows, Swansea, West Glamorgan	**Postcode**	SA1 8EN		

Distribution board details - Complete in every case

Location: Plant Room [Schneider]
Designation: DB PL/P
Num. of ways: 24 Num. of phases: 3
Supply polarity confirmed ☑ Phase sequence confirmed ☑

Complete only if the distribution board is not connected directly to the origin of the installation

Supply to distribution board is from:
Overcurrent protective device for the distribution circuit: BS(EN) Type Rating A Voltage V

Characteristics at this distribution board

Associated RCD(if any): BS (EN): N/A
Z_d 0.12 Ω No. of poles N/A
I_{pf} 3.3 kA IΔn N/A
Time delay (if applicable) N/A
Operating at 1 IΔn: Above 30mA N/A ms
Operating at 5 IΔn: 30mA or below N/A ms
(if applicable)

Test instrument serial number(s)

Loop impedance: 100701/4664
Insulation resistance: 100701/4664
Continuity: 100701/4664
RCD: 100701/4664

CIRCUIT DETAILS / TEST RESULTS

Circuit No. and Line No.	Distribution board Designation / Circuit designation	Type of wiring	Ref. method	No. of points	Circuit conductors csa (mm²) L / N	Circuit conductors csa (mm²) CPC	Maximum disconnection	Overcurrent protective devices BS EN Number	Type No.	Rating (A)	Breaking capacity (KA)	RCD operating (mA)	BS 7671 Max. permitted Zs Other 80% (Ω)	Circuit impedance Ω: Ring final circuits only (measured end-to-end) r1	rn	r2	Fig 8 check (✓)	All circuits to be completed using R1R2 or R2, not both: R1 + R2	R2	Insulation resistance (Record lower reading) Test voltage V	L/L, L/N M(Ω)	L/E, N/E M(Ω)	Polarity (✓)	Max. Measured Zs (Ω)	RCD testing: Above 30mA IΔn ms	30mA or below 5 IΔn ms	Manual test button operation: RCD (✓)	AFDD (✓)
1/L1	Plant Room Ring	A	E	8	2x2.5	2x1.5	0.4	61009 RCD/RCBO	B	32	10	30	1.09	0.22	0.22	0.30	N/A	0.12	N/A	250	LIM	>299	✓	0.39	29.8	28.0	✓	N/A
1/L2	Head Of Smoke Shaft AOV	O	E	1	2.5	1.5	0.4	60898 MCB	C	16	10	N/A	1.09	N/A	N/A	N/A	N/A	0.10	N/A	250	LIM	>299	✓	0.32	N/A	N/A	N/A	N/A
1/L3	Tube Heater	A	E	1	4	1.5	0.4	60898 MCB	B	16	10	N/A	2.18	N/A	N/A	N/A	N/A	0.33	N/A	250	LIM	>299	✓	0.53	N/A	N/A	N/A	N/A
2/TP	Roof Extract Fan 2	G	C	1	2.5	SWA	0.4	60898 MCB	B	16	10	N/A	2.18	N/A	N/A	N/A	N/A	0.09	N/A	250	LIM	>299	✓	0.26	N/A	N/A	N/A	N/A
3/TP	Roof Extract Fan 1	G	C	1	2.5	SWA	0.4	60898 MCB	B	16	10	N/A	2.18	N/A	N/A	N/A	N/A	0.12	N/A	250	LIM	>299	✓	0.33	N/A	N/A	N/A	N/A
4/TP	Roof Extract Fan 3	G	C	1	2.5	SWA	0.4	60898 MCB	B	16	10	N/A	2.18	N/A	N/A	N/A	N/A	0.08	N/A	250	LIM	>299	✓	0.26	N/A	N/A	N/A	N/A
5/TP	Roof Extract Fan 4	G	C	1	2.5	SWA	0.4	60898 MCB	B	16	10	N/A	2.18	N/A	N/A	N/A	N/A	0.14	N/A	250	LIM	>299	✓	0.29	N/A	N/A	N/A	N/A
6/TP	Roof Extract Fan 5	G	C	1	2.5	SWA	0.4	60898 MCB	B	16	10	N/A	2.18	N/A	N/A	N/A	N/A	0.15	N/A	250	LIM	>299	✓	0.31	N/A	N/A	N/A	N/A
7/TP	Roof Extract Fan 6	G	C	1	2.5	SWA	0.4	60898 MCB	B	16	10	N/A	2.18	N/A	N/A	N/A	N/A	0.12	N/A	250	LIM	>299	✓	0.29	N/A	N/A	N/A	N/A
8/TP	Roof Extract Fan 7	G	C	1	2.5	SWA	0.4	60898 MCB	B	16	10	N/A	2.18	N/A	N/A	N/A	N/A	0.16	N/A	250	LIM	>299	✓	0.34	N/A	N/A	N/A	N/A
9/TP	Roof Extract Fan 8	G	C	1	2.5	SWA	0.4	60898 MCB	B	16	10	N/A	2.18	N/A	N/A	N/A	N/A	0.09	N/A	250	LIM	>299	✓	0.22	N/A	N/A	N/A	N/A
10/TP	Roof Extract Fan 10	G	C	1	2.5	SWA	0.4	60898 MCB	B	16	10	N/A	2.18	N/A	N/A	N/A	N/A	0.13	N/A	250	LIM	>299	✓	0.25	N/A	N/A	N/A	N/A
11/TP	Roof Extract Fan 9	G	C	1	2.5	SWA	0.4	60898 MCB	B	16	10	N/A	2.18	N/A	N/A	N/A	N/A	0.15	N/A	250	LIM	>299	✓	0.31	N/A	N/A	N/A	N/A
12/TP	Roof Extract Fan 12	G	C	1	2.5	SWA	0.4	60898 MCB	B	16	10	N/A	2.18	N/A	N/A	N/A	N/A	0.12	N/A	250	LIM	>299	✓	0.28	N/A	N/A	N/A	N/A
13/TP	Roof Extract Fan 11	G	C	1	2.5	SWA	0.4	60898 MCB	B	16	10	N/A	2.18	N/A	N/A	N/A	N/A	0.22	N/A	250	LIM	>299	✓	0.34	N/A	N/A	N/A	N/A
14/TP	Roof Extract Fan 14	G	C	1	2.5	SWA	0.4	60898 MCB	B	16	10	N/A	2.18	N/A	N/A	N/A	N/A	0.15	N/A	250	LIM	>299	✓	0.22	N/A	N/A	N/A	N/A
15/TP	Roof Extract Fan 13	G	C	1	2.5	SWA	0.4	60898 MCB	B	16	10	N/A	2.18	N/A	N/A	N/A	N/A	0.18	N/A	250	LIM	>299	✓	0.25	N/A	N/A	N/A	N/A

Details of circuits and/or installed equipment vulnerable to damage when testing

Date(s) dead testing: 26/07/2022 To: 26/07/2022
Date(s) live testing: 26/07/2022 To: 26/07/2022

Tested by: Name (capital letters): LIAM KIMBLE Position: Electrical Test Engineer Date: 26/07/2022
Signature

Wiring Types. A PVC/PVC, B PVC cables in metallic Conduit, C PVC cables in non-metallic Conduit, D PVC cables in metallic trunking, E PVC cables in non-metallic trunking, F PVC/SWA cables, G SWA/XPLE cables, H Mineral Insulated, MW Metal Work, FM Ferrous Metal, O Other
A/A1 - Single Core PVC Cables (4D1A), A/A2 - Multicore PVC Cables (4D2A), F/F1 - Single-core armoures PVC SWA Cables (4D3A), F/F2 - PVC SWA Cables (4D4A), A/A3 - PVC Twin & Earth (4D5), O/O1 - LSF single core cables 90°C rated (4E1A), O/O2 - Multi-core LSF cables 90°C rated (4E2A), G/G1 - Single-core armoured XLPE cables or 90°C rated (4E3A), G/G2 - Multi-core armoured XLPE cables or 90°C rated (4E4A), H/H1 - MICC exposed to touch (4G1A)

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CIRCUIT DETAILS														TEST RESULTS																
Circuit No. and Line No.	Distribution board Designation / Circuit designation	Type of wiring	Ref. method	No. of points	Circuit conductors csa (mm²)		Maximum disconnection	Overcurrent protective devices			Breaking capacity	RCD operating	BS 7671 Max. permitted Zs Other	Circuit impedance Ω						Insulation resistance (Record lower reading)			Polarity	Max. Measured Zs	RCD testing		Manual test button operation	
	DB PL/P													Ring final circuits only (measured end-to-end)			Fig 8 check	All circuits to be completed using R1R2 or R2, not both		Test voltage	L/L, L/N	L/E, N/E			Above 30mA IΔn	30mA or below 5 IΔn	RCD	AFDD
					L / N	CPC		BS EN Number	Type No.	Rating (A)	(KA)	(mA)	80%	r1	rn	r2		R1 + R2	R2	V	M(Ω)	M(Ω)	(✓)	Zs (Ω)	ms	ms	(✓)	(✓)
16/TP	Roof Extract Fan 15	G	C	1	2.5	SWA	0.4	60898 MCB	B	16	10	N/A	2.18	N/A	N/A	N/A	N/A	0.12	N/A	250	LIM	>299	✓	0.36	N/A	N/A	N/A	N/A
17/TP	Roof Extract Fan 17	G	C	1	2.5	SWA	0.4	60898 MCB	B	16	10	N/A	2.18	N/A	N/A	N/A	N/A	0.20	N/A	250	LIM	>299	✓	0.38	N/A	N/A	N/A	N/A
18/TP	Roof Extract Fan 16	G	C	1	2.5	SWA	0.4	60898 MCB	B	16	10	N/A	2.18	N/A	N/A	N/A	N/A	0.18	N/A	250	LIM	>299	✓	0.30	N/A	N/A	N/A	N/A
19/TP	Roof Extract Fan 18	G	C	1	2.5	SWA	0.4	60898 MCB	B	16	10	N/A	2.18	N/A	N/A	N/A	N/A	0.14	N/A	250	LIM	>299	✓	0.28	N/A	N/A	N/A	N/A
20/TP	Roof Extract Fan 21	G	C	1	2.5	SWA	0.4	60898 MCB	B	16	10	N/A	2.18	N/A	N/A	N/A	N/A	0.16	N/A	250	LIM	>299	✓	0.36	N/A	N/A	N/A	N/A
21/TP	Roof Extract Fan 20	G	C	1	2.5	SWA	0.4	60898 MCB	B	16	10	N/A	2.18	N/A	N/A	N/A	N/A	0.12	N/A	250	LIM	>299	✓	0.33	N/A	N/A	N/A	N/A
22/TP	Roof Extract Fan 22	G	C	1	2.5	SWA	0.4	60898 MCB	B	16	10	N/A	2.18	N/A	N/A	N/A	N/A	0.16	N/A	250	LIM	>299	✓	0.29	N/A	N/A	N/A	N/A
23/TP	Roof Extract Fan 19	G	C	1	2.5	SWA	0.4	60898 MCB	B	16	10	N/A	2.18	N/A	N/A	N/A	N/A	0.20	N/A	250	LIM	>299	✓	0.33	N/A	N/A	N/A	N/A
24/L1	Contactor Power Supply	D	B	1	2.5	2.5	0.4	60898 MCB	C	10	10	N/A	1.75	N/A	N/A	N/A	N/A	0.04	N/A	250	LIM	>299	✓	0.20	N/A	N/A	N/A	N/A
24/L2	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
24/L3	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Details of circuits and/or installed equipment vulnerable to damage when testing

Date(s) dead testing 26/07/2022 To 26/07/2022

Date(s) live testing 26/07/2022 To 26/07/2022

Tested by: Name (capital letters) LIAM KIMBLE

Position Electrical Test Engineer

Date 26/07/2022

Signature

Wiring Types. A PVC/PVC, B PVC cables in metallic Conduit, C PVC cables in non-metallic Conduit, D PVC cables in metallic trunking, E PVC cables in non-metallic trunking, F PVC/SWA cables, G SWA/XPLE cables, H Mineral Insulated, MW Metal Work, FM Ferrous Metal, O Other
A/A1 - Single Core PVC Cables (4D1A), A/A2 - Multicore PVC Cables (4D2A), F/F1 - Single-core armoures PVC SWA Cables (4D3A), F/F2 - PVC SWA Cables (4D4A), A/A3 - PVC Twin & Earth (4D5), O/O1 - LSF single core cables 90°C rated (4E1A), O/O2 - Multi-core LSF cables 90°C rated (4E2A), G/G1 - Single-core armoured XLPE cables or 90°C rated (4E3A), G/G2 - Multi-core armoured XLPE cables or 90°C rated (4E4A), H/H1 - MICC exposed to touch (4G1A)

ELECTRICAL INSTALLATION CONDITION REPORT - Schedule of Tests

for Industrial/Commercial Premises

FT/EICR 110151231

Requirements for Electrical Installations
BS 7671:2018 (IET Wiring Regulations 18th Edition)

Company Name	PHS Compliance	**Company Address**	Kid Glove Road	**Postcode**	WA3 3GR	**Branch No.**	**Scheme No.**
Client	UPP Residential Services Ltd	**Installation Address**	Swansea University Bay Campus - Dryslwyn 1B & Nest 2, Reception - Ground Floor Tower Information Centre, Fabian Way, Crymlyn Burrows, Swansea, West Glamorgan	**Postcode**	SA1 8EN		

Distribution board details - Complete in every case

Location: Plant Room Nest [Schneider]
Designation: DB PL/L
Num. of ways: 4 Num. of phases: 3
Supply polarity confirmed ☑ Phase sequence confirmed ☑

Complete only if the distribution board is not connected directly to the origin of the installation

Supply to distribution board is from:
Overcurrent protective device for the distribution circuit: BS(EN) Type Rating A Voltage V

Characteristics at this distribution board

Associated RCD(if any): BS (EN): N/A
Z_d 0.12 Ω No. of poles N/A
I_{pf} 4 kA IΔn N/A
Time delay (if applicable) N/A
Operating at 1 IΔn: Above 30mA N/A ms; 30mA or below
Operating at 5 IΔn N/A ms (if applicable)

Test instrument serial number(s)

Loop impedance	100701/4664
Insulation resistance	100701/4664
Continuity	100701/4664
RCD	100701/4664

CIRCUIT DETAILS / TEST RESULTS

Circuit No. and Line No.	Distribution board Designation / Circuit designation	Type of wiring	Ref. method	No. of points	Circuit conductors csa (mm²) L / N	Circuit conductors csa (mm²) CPC	Maximum disconnection	Overcurrent protective devices BS EN Number	Type No.	Rating (A)	Breaking capacity (KA)	RCD operating (mA)	BS 7671 Max. permitted Zs Other 80% (Ω)	Circuit impedance Ω Ring final circuits only (measured end-to-end) r1	rn	r2	Fig 8 check (✓)	All circuits to be completed using R1R2 or R2, not both R1 + R2	R2	Insulation resistance (Record lower reading) Test voltage V	L/L, L/N M(Ω)	L/E, N/E M(Ω)	Polarity (✓)	Max. Measured Zs (Ω)	RCD testing Above 30mA IΔn ms	30mA or below 5 IΔn ms	Manual test button operation RCD (✓)	AFDD (✓)
1/L1	Plantroom Lights	A	E	3	1.5	1	0.4	61009 RCD/RCBO	C	10	10	30	1.75	N/A	N/A	N/A	N/A	0.38	N/A	250	LIM	>299	✓	0.55	26.4	22.0	✓	N/A
1/L2	Stairwell Lights	A	E	2	1.5	1	0.4	61009 RCD/RCBO	C	10	10	30	1.75	N/A	N/A	N/A	N/A	0.44	N/A	250	LIM	>299	✓	0.62	29.0	27.4	✓	N/A
1/L3	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
2/TP	SPD	D	B	1	16	16	5	60898 MCB	C	50	10	N/A	0.35	N/A	N/A	N/A	N/A	0.01	N/A	250	LIM	>299	✓	0.20	N/A	N/A	N/A	N/A
3/TP	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
4/TP	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Details of circuits and/or installed equipment vulnerable to damage when testing

Date(s) dead testing: 26/07/2022 To 26/07/2022

Date(s) live testing: 26/07/2022 To 26/07/2022

Tested by: Name (capital letters): LIAM KIMBLE Position: Electrical Test Engineer Date: 26/07/2022

Signature

Wiring Types. A PVC/PVC, B PVC cables in metallic Conduit, C PVC cables in non-metallic Conduit, D PVC cables in metallic trunking, E PVC cables in non-metallic trunking, F PVC/SWA cables, G SWA/XPLE cables, H Mineral Insulated, MW Metal Work, FM Ferrous Metal, O Other
A/A1 - Single Core PVC Cables (4D1A), A/A2 - Multicore PVC Cables (4D2A), F/F1 - Single-core armoures PVC SWA Cables (4D3A), F/F2 - PVC SWA Cables (4D4A), A/A3 - PVC Twin & Earth (4D5), O/O1 - LSF single core cables 90°C rated (4E1A), O/O2 - Multi-core LSF cables 90°C rated (4E2A), G/G1 - Single-core armoured XLPE cables or 90°C rated (4E3A), G/G2 - Multi-core armoured XLPE cables or 90°C rated (4E4A), H/H1 - MICC exposed to touch (4G1A)

ELECTRICAL INSTALLATION CONDITION REPORT - Schedule of Tests

for Industrial/Commercial Premises

FT/EICR 110151231

Requirements for Electrical Installations
BS 7671:2018 (IET Wiring Regulations 18th Edition)

Company Name	PHS Compliance	**Company Address**	Kid Glove Road	**Postcode**	WA3 3GR	**Branch No.**	**Scheme No.**
Client	UPP Residential Services Ltd	**Installation Address**	Swansea University Bay Campus - Dryslwyn 1B & Nest 2, Reception - Ground Floor Tower Information Centre, Fabian Way, Crymlyn Burrows, Swansea, West Glamorgan	**Postcode**	SA1 8EN		

Distribution board details - Complete in every case

Location: Flat 22 Nest Kitchen [Schneider]
Designation: DB CL22
Num. of ways: 18 Num. of phases: 1
Supply polarity confirmed: ☑ Phase sequence confirmed: ☐

Complete only if the distribution board is not connected directly to the origin of the installation

Supply to distribution board is from:
Overcurrent protective device for the distribution circuit: BS(EN): Type: Rating: A Voltage: V

Characteristics at this distribution board

Associated RCD(if any): BS (EN): N/A
Z_d 0.10 Ω No. of poles N/A
I_{pf} 2.2 kA IΔn N/A
Time delay (if applicable) N/A
Operating at 1 IΔn: Above 30mA N/A ms
30mA or below
Operating at 5 IΔn N/A ms
(if applicable)

Test instrument serial number(s)

Loop impedance 100701/4664
Insulation resistance 100701/4664
Continuity 100701/4664
RCD 100701/4664

CIRCUIT DETAILS / TEST RESULTS

Circuit No. and Line No.	Distribution board Designation / Circuit designation	Type of wiring	Ref. method	No. of points	Circuit conductors csa (mm²) L / N	Circuit conductors csa (mm²) CPC	Maximum disconnection	Overcurrent protective devices BS EN Number	Type No.	Rating (A)	Breaking capacity (KA)	RCD operating (mA)	BS 7671 Max. permitted Zs Other 80% (Ω)	Circuit impedance Ω Ring final circuits only (measured end-to-end) r1	rn	r2	Fig 8 check (✓)	All circuits to be completed using R1R2 or R2, not both R1 + R2	R2	Insulation resistance (Record lower reading) Test voltage V	L/L, L/N M(Ω)	L/E, N/E M(Ω)	Polarity (✓)	Max. Measured Zs (Ω)	RCD testing Above 30mA IΔn ms	30mA or below 5 IΔn ms	Manual test button operation RCD (✓)	AFDD (✓)
1/L2	Bedroom Lighting 1+2	A	B	8	1.5	1	0.4	61009 RCD/RCBO	C	10	10	30	1.75	N/A	N/A	N/A	N/A	0.24	N/A	250	LIM	>299	✓	0.40	26.8	18.6	✓	N/A
2/L2	Bedroom Lighting 3+4	A	B	8	1.5	1	0.4	61009 RCD/RCBO	C	10	10	30	1.75	N/A	N/A	N/A	N/A	0.33	N/A	250	LIM	>299	✓	0.53	28.6	26.4	✓	N/A
3/L2	Bedroom Lighting 7+8	A	B	8	1.5	1	0.4	61009 RCD/RCBO	C	10	10	30	1.75	N/A	N/A	N/A	N/A	0.28	N/A	250	LIM	>299	✓	0.52	28.8	28.0	✓	N/A
4/L2	Bedroom Lighting 5+6	A	B	8	1.5	1	0.4	61009 RCD/RCBO	C	10	10	30	1.75	N/A	N/A	N/A	N/A	0.36	N/A	250	LIM	>299	✓	0.48	24.0	24.0	✓	N/A
5/L2	Common Room Lighting	A	B	6	1.5	1	0.4	61009 RCD/RCBO	C	10	10	30	1.75	N/A	N/A	N/A	N/A	0.38	N/A	250	LIM	>299	✓	0.51	29.7	27.2	✓	N/A
6/L2	Common Room Ring 1	A	B	10	2x2.5	2x1.5	0.4	61009 RCD/RCBO	B	32	10	30	1.09	0.25	0.25	0.36	N/A	0.15	N/A	250	LIM	>299	✓	0.30	26.4	22.6	✓	N/A
7/L2	Common Room Ring 2	A	B	6	2x2.5	2x1.5	0.4	61009 RCD/RCBO	B	32	10	30	1.09	0.30	0.30	0.49	N/A	0.20	N/A	250	LIM	>299	✓	0.38	28.4	28.0	✓	N/A
8/L2	Isolated	A	B	LIM	10	4	0.4	61009 RCD/RCBO	B	32	10	30	1.09	N/A	N/A	N/A	N/A	LIM	N/A	250	LIM	>299	LIM	LIM	LIM	LIM	LIM	N/A
9/L2	Isolated	A	B	LIM	10	4	0.4	61009 RCD/RCBO	B	32	10	30	1.09	N/A	N/A	N/A	N/A	LIM	N/A	250	LIM	>299	LIM	LIM	LIM	LIM	LIM	N/A
10/L2	Sub Mains(DB CL22/10, DB CL22/10-1)	A	B	2	2x2.5	2x1.5	5	61009 RCD/RCBO	B	32	10	30	1.09	0.23	0.23	0.36	N/A	0.15	N/A	250	LIM	>299	✓	0.34	28.8	24.3	✓	N/A
11/L2	Sub Mains(DB CL22/11, DB CL22/11-1)	A	B	2	2x2.5	2x1.5	5	61009 RCD/RCBO	B	32	10	30	1.09	0.34	0.40	0.46	N/A	0.20	N/A	250	LIM	>299	✓	0.41	28.8	27.2	✓	N/A
12/L2	Sub Mains(DB CL22/12, DB CL22/12-1)	A	B	2	2x2.5	2x1.5	5	61009 RCD/RCBO	B	32	10	30	1.09	0.40	0.40	0.57	N/A	0.24	N/A	250	LIM	>299	✓	0.38	28.8	27.2	✓	N/A
13/L2	Sub Mains(DB CL22/13, DB CL22/13-1)	A	B	2	2x2.5	2x1.5	5	61009 RCD/RCBO	B	32	10	30	1.09	0.42	0.42	0.51	N/A	0.23	N/A	250	LIM	>299	✓	0.40	28.4	27.2	✓	N/A

Details of circuits and/or installed equipment vulnerable to damage when testing

Date(s) dead testing: 26/07/2022 To: 26/07/2022

Date(s) live testing: 26/07/2022 To: 26/07/2022

Signature:

Tested by: Name (capital letters): LIAM KIMBLE Position: Electrical Test Engineer Date: 26/07/2022

Wiring Types. A PVC/PVC, B PVC cables in metallic Conduit, C PVC cables in non-metallic Conduit, D PVC cables in metallic trunking, E PVC cables in non-metallic trunking, F PVC/SWA cables, G SWA/XPLE cables, H Mineral Insulated, MW Metal Work, FM Ferrous Metal, O Other
A/A1 - Single Core PVC Cables (4D1A), A/A2 - Multicore PVC Cables (4D2A), F/F1 - Single-core armoures PVC SWA Cables (4D3A), F/F2 - PVC SWA Cables (4D4A), A/A3 - PVC Twin & Earth (4D5), O/O1 - LSF single core cables 90°C rated (4E1A), O/O2 - Multi-core LSF cables 90°C rated (4E2A), G/G1 - Single-core armoured XLPE cables or 90°C rated (4E3A), G/G2 - Multi-core armoured XLPE cables or 90°C rated (4E4A), H/H1 - MICC exposed to touch (4G1A)

ELECTRICAL INSTALLATION CONDITION REPORT - Schedule of Tests

FT/EICR 110151231

for Industrial/Commercial Premises

Requirements for Electrical Installations
BS 7671:2018 (IET Wiring Regulations 18th Edition)

CIRCUIT DETAILS														TEST RESULTS																
Circuit No. and Line No.	Distribution board Designation / Circuit designation	Type of wiring	Ref. method	No. of points	Circuit conductors csa (mm²)		Maximum disconnection	Overcurrent protective devices			Breaking capacity	RCD operating	BS 7671 Max. permitted Zs Other	Circuit impedance Ω						Insulation resistance (Record lower reading)			Polarity	Max. Measured Zs	RCD testing		Manual test button operation	
	DB CL22													Ring final circuits only (measured end-to-end)			Fig 8 check	All circuits to be completed using R1R2 or R2, not both		Test voltage	L/L, L/N	L/E, N/E			Above 30mA IΔn	30mA or below 5 IΔn	RCD	AFDD
					L / N	CPC		BS EN Number	Type No.	Rating (A)	(KA)	(mA)	80% (Ω)	r1	rn	r2	(✓)	R1 + R2	R2	V	M(Ω)	M(Ω)	(✓)	Zs (Ω)	ms	ms	(✓)	(✓)
14/L2	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
15/L2	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
16/L2	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
17/L2	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
18/L2	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Details of circuits and/or installed equipment vulnerable to damage when testing

Date(s) dead testing 26/07/2022 To 26/07/2022

Date(s) live testing 26/07/2022 To 26/07/2022

Tested by: Name (capital letters) LIAM KIMBLE

Position Electrical Test Engineer

Date 26/07/2022

Signature

Wiring Types. A PVC/PVC, B PVC cables in metallic Conduit, C PVC cables in non-metallic Conduit, D PVC cables in metallic trunking, E PVC cables in non-metallic trunking, F PVC/SWA cables, G SWA/XPLE cables, H Mineral Insulated, MW Metal Work, FM Ferrous Metal, O Other
A/A1 - Single Core PVC Cables (4D1A), A/A2 - Multicore PVC Cables (4D2A), F/F1 - Single-core armoures PVC SWA Cables (4D3A), F/F2 - PVC SWA Cables (4D4A), A/A3 - PVC Twin & Earth (4D5), O/O1 - LSF single core cables 90°C rated (4E1A), O/O2 - Multi-core LSF cables 90°C rated (4E2A), G/G1 - Single-core armoured XLPE cables or 90°C rated (4E3A), G/G2 - Multi-core armoured XLPE cables or 90°C rated (4E4A), H/H1 - MICC exposed to touch (4G1A)

ELECTRICAL INSTALLATION CONDITION REPORT - Schedule of Tests

for Industrial/Commercial Premises

FT/EICR 110151231

Requirements for Electrical Installations
BS 7671:2018 (IET Wiring Regulations 18th Edition)

Company Name	PHS Compliance	**Company Address**	Kid Glove Road	**Postcode**	WA3 3GR	**Branch No.**	**Scheme No.**
Client	UPP Residential Services Ltd	**Installation Address**	Swansea University Bay Campus - Dryslwyn 1B & Nest 2, Reception - Ground Floor Tower Information Centre, Fabian Way, Crymlyn Burrows, Swansea, West Glamorgan	**Postcode**	SA1 8EN		

Distribution board details - Complete in every case

Location: Room 7 Riser [Schneider]
Designation: DB CL22/10
Num. of ways: 4 Num. of phases: 1
Supply polarity confirmed: ☑ Phase sequence confirmed: ☐

Complete only if the distribution board is not connected directly to the origin of the installation

Supply to distribution board is from: Sub Mains(DB CL22, 10/L2)
Overcurrent protective device for the distribution circuit: BS(EN) 61009 RCD/RCBO Type B Rating 32 A Voltage 230 V

Characteristics at this distribution board

Associated RCD(if any): BS (EN) 61008
Z_d 0.34 Ω No. of poles 2
I_{pf} 0.65 kA IΔn 30
Time delay (if applicable) N/A
Operating at 1 IΔn: Above 30mA 28.8 ms
Operating at 5 IΔn: 30mA or below 24.3 ms
(if applicable)

Test instrument serial number(s)

Loop impedance: 100701/4664
Insulation resistance: 100701/4664
Continuity: 100701/4664
RCD: 100701/4664

CIRCUIT DETAILS / TEST RESULTS

Circuit No. and Line No.	Distribution board Designation / Circuit designation	Type of wiring	Ref. method	No. of points	Circuit conductors csa (mm²) L / N	Circuit conductors csa (mm²) CPC	Maximum disconnection	Overcurrent protective devices BS EN Number	Type No.	Rating (A)	Breaking capacity (KA)	RCD operating (mA)	BS 7671 Max. permitted Zs Other 80% (Ω)	Circuit impedance Ω Ring final circuits only (measured end-to-end) r1	rn	r2	Fig 8 check (✓)	All circuits to be completed using R1R2 or R2, not both R1 + R2	R2	Insulation resistance (Record lower reading) Test voltage V	L/L, L/N M(Ω)	L/E, N/E M(Ω)	Polarity (✓)	Max. Measured Zs (Ω)	RCD testing Above 30mA IΔn ms	30mA or below 5 IΔn ms	Manual test button operation RCD (✓)	AFDD (✓)
1/L2	Sockets	A	B	6	2.5	1.5	0.4	60898 MCB	B	10	6	N/A	3.49	N/A	N/A	N/A	N/A	0.20	N/A	250	LIM	>299	✓	0.48	N/A	N/A	N/A	N/A
2/L2	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
3/L2	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
4/L2	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Details of circuits and/or installed equipment vulnerable to damage when testing

Date(s) dead testing: 26/07/2022 To 26/07/2022

Date(s) live testing: 26/07/2022 To 26/07/2022

Tested by: Name (capital letters): LIAM KIMBLE Position: Electrical Test Engineer Date: 26/07/2022

Signature

Wiring Types. A PVC/PVC, B PVC cables in metallic Conduit, C PVC cables in non-metallic Conduit, D PVC cables in metallic trunking, E PVC cables in non-metallic trunking, F PVC/SWA cables, G SWA/XPLE cables, H Mineral Insulated, MW Metal Work, FM Ferrous Metal, O Other
A/A1 - Single Core PVC Cables (4D1A), A/A2 - Multicore PVC Cables (4D2A), F/F1 - Single-core armoures PVC SWA Cables (4D3A), F/F2 - PVC SWA Cables (4D4A), A/A3 - PVC Twin & Earth (4D5), O/O1 - LSF single core cables 90°C rated (4E1A), O/O2 - Multi-core LSF cables 90°C rated (4E2A), G/G1 - Single-core armoured XLPE cables or 90°C rated (4E3A), G/G2 - Multi-core armoured XLPE cables or 90°C rated (4E4A), H/H1 - MICC exposed to touch (4G1A)

ELECTRICAL INSTALLATION CONDITION REPORT - Schedule of Tests

for Industrial/Commercial Premises

FT/EICR 110151231

Requirements for Electrical Installations
BS 7671:2018 (IET Wiring Regulations 18th Edition)

Company Name	PHS Compliance	**Company Address**	Kid Glove Road	**Postcode**	WA3 3GR	**Branch No.**	**Scheme No.**
Client	UPP Residential Services Ltd	**Installation Address**	Swansea University Bay Campus - Dryslwyn 1B & Nest 2, Reception - Ground Floor Tower Information Centre, Fabian Way, Crymlyn Burrows, Swansea, West Glamorgan	**Postcode**	SA1 8EN		

Distribution board details - Complete in every case

Location: Room 8 Riser [Schneider]
Designation: DB CL22/10-1
Num. of ways: 4 Num. of phases: 1
Supply polarity confirmed: ☑ Phase sequence confirmed: ☐

Complete only if the distribution board is not connected directly to the origin of the installation

Supply to distribution board is from: Sub Mains(DB CL22, 10/L2)
Overcurrent protective device for the distribution circuit: BS(EN) 61009 RCD/RCBO Type B Rating 32 A Voltage 230 V

Characteristics at this distribution board

Associated RCD(if any): BS (EN) 61008
Z_d 0.34 Ω No. of poles 2
I_{pf} 0.65 kA IΔn 30
Time delay (if applicable) N/A
Operating at 1 IΔn: Above 30mA 28.8 ms
Operating at 5 IΔn: 30mA or below 24.3 ms
(if applicable)

Test instrument serial number(s)

Loop impedance: 100701/4664
Insulation resistance: 100701/4664
Continuity: 100701/4664
RCD: 100701/4664

CIRCUIT DETAILS / TEST RESULTS

Circuit No. and Line No.	Distribution board Designation / Circuit designation	Type of wiring	Ref. method	No. of points	Circuit conductors csa (mm²) L / N	Circuit conductors csa (mm²) CPC	Maximum disconnection	Overcurrent protective devices BS EN Number	Type No.	Rating (A)	Breaking capacity (KA)	RCD operating (mA)	BS 7671 Max. permitted Zs Other 80% (Ω)	Circuit impedance Ω Ring final circuits only (measured end-to-end) r1	rn	r2	Fig 8 check (✓)	All circuits to be completed using R1R2 or R2, not both R1 + R2	R2	Insulation resistance (Record lower reading) Test voltage V	L/L, L/N M(Ω)	L/E, N/E M(Ω)	Polarity (✓)	Max. Measured Zs (Ω)	RCD testing Above 30mA IΔn ms	30mA or below 5 IΔn ms	Manual test button operation RCD (✓)	AFDD (✓)
1/L2	Sockets	A	B	6	2.5	1.5	0.4	60898 MCB	B	10	6	N/A	3.49	N/A	N/A	N/A	N/A	0.14	N/A	250	LIM	>299	✓	0.32	N/A	N/A	N/A	N/A
2/L2	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
3/L2	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
4/L2	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Details of circuits and/or installed equipment vulnerable to damage when testing

Date(s) dead testing: 26/07/2022 To 26/07/2022

Date(s) live testing: 26/07/2022 To 26/07/2022

Tested by: Name (capital letters): LIAM KIMBLE Position: Electrical Test Engineer Date: 26/07/2022

Signature:

Wiring Types. A PVC/PVC, B PVC cables in metallic Conduit, C PVC cables in non-metallic Conduit, D PVC cables in metallic trunking, E PVC cables in non-metallic trunking, F PVC/SWA cables, G SWA/XPLE cables, H Mineral Insulated, MW Metal Work, FM Ferrous Metal, O Other
A/A1 - Single Core PVC Cables (4D1A), A/A2 - Multicore PVC Cables (4D2A), F/F1 - Single-core armoures PVC SWA Cables (4D3A), F/F2 - PVC SWA Cables (4D4A), A/A3 - PVC Twin & Earth (4D5), O/O1 - LSF single core cables 90°C rated (4E1A), O/O2 - Multi-core LSF cables 90°C rated (4E2A), G/G1 - Single-core armoured XLPE cables or 90°C rated (4E3A), G/G2 - Multi-core armoured XLPE cables or 90°C rated (4E4A), H/H1 - MICC exposed to touch (4G1A)

ELECTRICAL INSTALLATION CONDITION REPORT - Schedule of Tests

for Industrial/Commercial Premises

FT/EICR 110151231

Requirements for Electrical Installations
BS 7671:2018 (IET Wiring Regulations 18th Edition)

Company Name	PHS Compliance	**Company Address**	Kid Glove Road	**Postcode**	WA3 3GR	**Branch No.**	**Scheme No.**
Client	UPP Residential Services Ltd	**Installation Address**	Swansea University Bay Campus - Dryslwyn 1B & Nest 2, Reception - Ground Floor Tower Information Centre, Fabian Way, Crymlyn Burrows, Swansea, West Glamorgan	**Postcode**	SA1 8EN		

Distribution board details - Complete in every case

Location: Room 1 Riser [Schneider]
Designation: DB CL22/11
Num. of ways: 4 Num. of phases: 1
Supply polarity confirmed: ☑ Phase sequence confirmed: ☐

Complete only if the distribution board is not connected directly to the origin of the installation

Supply to distribution board is from: Sub Mains(DB CL22, 11/L2)
Overcurrent protective device for the distribution circuit: BS(EN) 61009 RCD/RCBO Type B Rating 32 A Voltage 230 V

Characteristics at this distribution board

Associated RCD(if any): BS (EN) 61008
Z_d 0.41 Ω No. of poles 2
I_{pf} 0.59 kA IΔn 30
Time delay (if applicable) N/A
Above 30mA Operating at 1 IΔn 28.8 ms
30mA or below Operating at 5 IΔn 27.2 ms
(if applicable)

Test instrument serial number(s)

Loop impedance 100701/4664
Insulation resistance 100701/4664
Continuity 100701/4664
RCD 100701/4664

CIRCUIT DETAILS / TEST RESULTS

Circuit No. and Line No.	Distribution board Designation / Circuit designation	Type of wiring	Ref. method	No. of points	Circuit conductors csa (mm²) L / N	Circuit conductors csa (mm²) CPC	Maximum disconnection	Overcurrent protective devices BS EN Number	Type No.	Rating (A)	Breaking capacity (KA)	RCD operating (mA)	BS 7671 Max. permitted Zs Other 80% (Ω)	Circuit impedance Ω Ring final circuits only (measured end-to-end) r1	rn	r2	Fig 8 check (✓)	All circuits to be completed using R1R2 or R2, not both R1 + R2	R2	Insulation resistance (Record lower reading) Test voltage V	L/L, L/N M(Ω)	L/E, N/E M(Ω)	Polarity (✓)	Max. Measured Zs (Ω)	RCD testing Above 30mA IΔn ms	30mA or below 5 IΔn ms	Manual test button operation RCD (✓)	AFDD (✓)
1/L2	Sockets	A	B	6	2.5	1.5	0.4	60898 MCB	B	10	6	N/A	3.49	N/A	N/A	N/A	N/A	0.25	N/A	250	LIM	>299	✓	0.58	N/A	N/A	N/A	N/A
2/L2	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
3/L2	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
4/L2	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Details of circuits and/or installed equipment vulnerable to damage when testing

Date(s) dead testing 26/07/2022 To 26/07/2022

Date(s) live testing 26/07/2022 To 26/07/2022

Tested by: Name (capital letters) LIAM KIMBLE Position Electrical Test Engineer Date 26/07/2022

Signature

Wiring Types. A PVC/PVC, B PVC cables in metallic Conduit, C PVC cables in non-metallic Conduit, D PVC cables in metallic trunking, E PVC cables in non-metallic trunking, F PVC/SWA cables, G SWA/XPLE cables, H Mineral Insulated, MW Metal Work, FM Ferrous Metal, O Other
A/A1 - Single Core PVC Cables (4D1A), A/A2 - Multicore PVC Cables (4D2A), F/F1 - Single-core armoures PVC SWA Cables (4D3A), F/F2 - PVC SWA Cables (4D4A), A/A3 - PVC Twin & Earth (4D5), O/O1 - LSF single core cables 90°C rated (4E1A), O/O2 - Multi-core LSF cables 90°C rated (4E2A), G/G1 - Single-core armoured XLPE cables or 90°C rated (4E3A), G/G2 - Multi-core armoured XLPE cables or 90°C rated (4E4A), H/H1 - MICC exposed to touch (4G1A)

ELECTRICAL INSTALLATION CONDITION REPORT - Schedule of Tests

for Industrial/Commercial Premises

FT/EICR 110151231

Requirements for Electrical Installations
BS 7671:2018 (IET Wiring Regulations 18th Edition)

Company Name	PHS Compliance	**Company Address**	Kid Glove Road	**Postcode**	WA3 3GR	**Branch No.**	**Scheme No.**
Client	UPP Residential Services Ltd	**Installation Address**	Swansea University Bay Campus - Dryslwyn 1B & Nest 2, Reception - Ground Floor Tower Information Centre, Fabian Way, Crymlyn Burrows, Swansea, West Glamorgan	**Postcode**	SA1 8EN		

Distribution board details - Complete in every case

Location: Room 2 Riser [Schneider]
Designation: DB CL22/11-1
Num. of ways: 4 Num. of phases: 1
Supply polarity confirmed: ☑ Phase sequence confirmed: ☐

Complete only if the distribution board is not connected directly to the origin of the installation

Supply to distribution board is from: Sub Mains(DB CL22, 11/L2)
Overcurrent protective device for the distribution circuit: BS(EN) 61009 RCD/RCBO Type B Rating 32 A Voltage 230 V

Characteristics at this distribution board

Associated RCD(if any): BS (EN) 61008
Z_d 0.41 Ω No. of poles 2
I_{pf} 0.59 kA IΔn 30
Time delay (if applicable) N/A
Operating at 1 IΔn Above 30mA 28.8 ms
Operating at 5 IΔn 30mA or below 27.2 ms
(if applicable)

Test instrument serial number(s)

Loop impedance 100701/4664
Insulation resistance 100701/4664
Continuity 100701/4664
RCD 100701/4664

CIRCUIT DETAILS / TEST RESULTS

Circuit No. and Line No.	Distribution board Designation / Circuit designation	Type of wiring	Ref. method	No. of points	Circuit conductors csa (mm²) L / N	Circuit conductors csa (mm²) CPC	Maximum disconnection	Overcurrent protective devices BS EN Number	Type No.	Rating (A)	Breaking capacity (KA)	RCD operating (mA)	BS 7671 Max. permitted Zs Other 80% (Ω)	Circuit impedance Ω Ring final circuits only (measured end-to-end) r1	rn	r2	Fig 8 check (✓)	All circuits to be completed using R1R2 or R2, not both R1 + R2	R2	Insulation resistance (Record lower reading) Test voltage V	L/L, L/N M(Ω)	L/E, N/E M(Ω)	Polarity (✓)	Max. Measured Zs (Ω)	RCD testing Above 30mA IΔn ms	30mA or below 5 IΔn ms	Manual test button operation RCD (✓)	AFDD (✓)
1/L2	Sockets	A	B	6	2.5	1.5	0.4	60898 MCB	B	10	6	N/A	3.49	N/A	N/A	N/A	N/A	0.17	N/A	250	LIM	>299	✓	0.53	N/A	N/A	N/A	N/A
2/L2	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
3/L2	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
4/L2	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Details of circuits and/or installed equipment vulnerable to damage when testing

Date(s) dead testing 26/07/2022 To 26/07/2022

Date(s) live testing 26/07/2022 To 26/07/2022

Tested by: Name (capital letters) LIAM KIMBLE Position Electrical Test Engineer Date 26/07/2022

Signature

Wiring Types. A PVC/PVC, B PVC cables in metallic Conduit, C PVC cables in non-metallic Conduit, D PVC cables in metallic trunking, E PVC cables in non-metallic trunking, F PVC/SWA cables, G SWA/XPLE cables, H Mineral Insulated, MW Metal Work, FM Ferrous Metal, O Other
A/A1 - Single Core PVC Cables (4D1A), A/A2 - Multicore PVC Cables (4D2A), F/F1 - Single-core armoures PVC SWA Cables (4D3A), F/F2 - PVC SWA Cables (4D4A), A/A3 - PVC Twin & Earth (4D5), O/O1 - LSF single core cables 90°C rated (4E1A), O/O2 - Multi-core LSF cables 90°C rated (4E2A), G/G1 - Single-core armoured XLPE cables or 90°C rated (4E3A), G/G2 - Multi-core armoured XLPE cables or 90°C rated (4E4A), H/H1 - MICC exposed to touch (4G1A)

ELECTRICAL INSTALLATION CONDITION REPORT - Schedule of Tests

for Industrial/Commercial Premises

FT/EICR 110151231

Requirements for Electrical Installations
BS 7671:2018 (IET Wiring Regulations 18th Edition)

Company Name	PHS Compliance	**Company Address**	Kid Glove Road	**Postcode**	WA3 3GR	**Branch No.**	**Scheme No.**
Client	UPP Residential Services Ltd	**Installation Address**	Swansea University Bay Campus - Dryslwyn 1B & Nest 2, Reception - Ground Floor Tower Information Centre, Fabian Way, Crymlyn Burrows, Swansea, West Glamorgan	**Postcode**	SA1 8EN		

Distribution board details - Complete in every case

Location: Room 5 Riser [Schneider]
Designation: DB CL22/12
Num. of ways: 4 Num. of phases: 1
Supply polarity confirmed: ☑ Phase sequence confirmed: ☐

Complete only if the distribution board is not connected directly to the origin of the installation

Supply to distribution board is from: Sub Mains(DB CL22, 12/L2)
Overcurrent protective device for the distribution circuit: BS(EN) 61009 RCD/RCBO Type B Rating 32 A Voltage 230 V

Characteristics at this distribution board

Associated RCD(if any): BS (EN) 61008
Z_d 0.38 Ω No. of poles 2
I_{pf} 0.60 kA IΔn 30
Time delay (if applicable) N/A
Operating at 1 IΔn Above 30mA 28.8 ms
Operating at 5 IΔn 30mA or below 27.2 ms
(if applicable)

Test instrument serial number(s)

Loop impedance 100701/4664
Insulation resistance 100701/4664
Continuity 100701/4664
RCD 100701/4664

CIRCUIT DETAILS / TEST RESULTS

Circuit No. and Line No.	Distribution board Designation / Circuit designation	Type of wiring	Ref. method	No. of points	Circuit conductors csa (mm²) L / N	Circuit conductors csa (mm²) CPC	Maximum disconnection	Overcurrent protective devices BS EN Number	Type No.	Rating (A)	Breaking capacity (KA)	RCD operating (mA)	BS 7671 Max. permitted Zs Other 80% (Ω)	Circuit impedance Ω Ring final circuits only (measured end-to-end) r1	rn	r2	Fig 8 check (✓)	All circuits to be completed using R1R2 or R2, not both R1 + R2	R2	Insulation resistance (Record lower reading) Test voltage V	L/L, L/N M(Ω)	L/E, N/E M(Ω)	Polarity (✓)	Max. Measured Zs (Ω)	RCD testing Above 30mA IΔn ms	30mA or below 5 IΔn ms	Manual test button operation RCD (✓)	AFDD (✓)
1/L2	Sockets	A	B	6	2.5	1.5	0.4	60898 MCB	B	10	6	N/A	3.49	N/A	N/A	N/A	N/A	0.30	N/A	250	LIM	>299	✓	0.60	N/A	N/A	N/A	N/A
2/L2	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
3/L2	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
4/L2	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Details of circuits and/or installed equipment vulnerable to damage when testing

Date(s) dead testing 26/07/2022 To 26/07/2022

Date(s) live testing 26/07/2022 To 26/07/2022

Tested by: Name (capital letters) LIAM KIMBLE Position Electrical Test Engineer Date 26/07/2022

Signature

Wiring Types. A PVC/PVC, B PVC cables in metallic Conduit, C PVC cables in non-metallic Conduit, D PVC cables in metallic trunking, E PVC cables in non-metallic trunking, F PVC/SWA cables, G SWA/XPLE cables, H Mineral Insulated, MW Metal Work, FM Ferrous Metal, O Other
A/A1 - Single Core PVC Cables (4D1A), A/A2 - Multicore PVC Cables (4D2A), F/F1 - Single-core armoures PVC SWA Cables (4D3A), F/F2 - PVC SWA Cables (4D4A), A/A3 - PVC Twin & Earth (4D5), O/O1 - LSF single core cables 90°C rated (4E1A), O/O2 - Multi-core LSF cables 90°C rated (4E2A), G/G1 - Single-core armoured XLPE cables or 90°C rated (4E3A), G/G2 - Multi-core armoured XLPE cables or 90°C rated (4E4A), H/H1 - MICC exposed to touch (4G1A)

ELECTRICAL INSTALLATION CONDITION REPORT - Schedule of Tests

for Industrial/Commercial Premises

FT/EICR 110151231

Requirements for Electrical Installations
BS 7671:2018 (IET Wiring Regulations 18th Edition)

Company Name	PHS Compliance	**Company Address**	Kid Glove Road	**Postcode**	WA3 3GR	**Branch No.**	**Scheme No.**
Client	UPP Residential Services Ltd	**Installation Address**	Swansea University Bay Campus - Dryslwyn 1B & Nest 2, Reception - Ground Floor Tower Information Centre, Fabian Way, Crymlyn Burrows, Swansea, West Glamorgan	**Postcode**	SA1 8EN		

Distribution board details - Complete in every case

Location: Room 6 Riser [Schneider]
Designation: DB CL22/12-1
Num. of ways: 4 Num. of phases: 1
Supply polarity confirmed: ☑ Phase sequence confirmed: ☐

Complete only if the distribution board is not connected directly to the origin of the installation

Supply to distribution board is from: Sub Mains(DB CL22, 12/L2)
Overcurrent protective device for the distribution circuit: BS(EN) 61009 RCD/RCBO Type B Rating 32 A Voltage 230 V

Characteristics at this distribution board

Associated RCD(if any): BS (EN) 61008
Z_d 0.38 Ω No. of poles 2
I_{pf} 0.60 kA IΔn 30
Time delay (if applicable) N/A
Operating at 1 IΔn: Above 30mA 28.8 ms
Operating at 5 IΔn: 30mA or below 27.2 ms
(if applicable)

Test instrument serial number(s)

Loop impedance: 100701/4664
Insulation resistance: 100701/4664
Continuity: 100701/4664
RCD: 100701/4664

CIRCUIT DETAILS / TEST RESULTS

Circuit No. and Line No.	Distribution board Designation / Circuit designation	Type of wiring	Ref. method	No. of points	Circuit conductors csa (mm²) L / N	Circuit conductors csa (mm²) CPC	Maximum disconnection	Overcurrent protective devices BS EN Number	Type No.	Rating (A)	Breaking capacity (KA)	RCD operating (mA)	BS 7671 Max. permitted Zs Other 80% (Ω)	Circuit impedance Ω Ring final circuits only (measured end-to-end) r1	rn	r2	Fig 8 check (✓)	All circuits to be completed using R1R2 or R2, not both R1 + R2	R2	Insulation resistance (Record lower reading) Test voltage V	L/L, L/N M(Ω)	L/E, N/E M(Ω)	Polarity (✓)	Max. Measured Zs (Ω)	RCD testing Above 30mA IΔn ms	30mA or below 5 IΔn ms	Manual test button operation RCD (✓)	AFDD (✓)
1/L2	Sockets	A	B	6	2.5	1.5	0.4	60898 MCB	B	10	6	N/A	3.49	N/A	N/A	N/A	N/A	0.16	N/A	250	LIM	>299	✓	0.52	N/A	N/A	N/A	N/A
2/L2	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
3/L2	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
4/L2	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Details of circuits and/or installed equipment vulnerable to damage when testing

Date(s) dead testing: 26/07/2022 To 26/07/2022

Date(s) live testing: 26/07/2022 To 26/07/2022

Tested by: Name (capital letters): LIAM KIMBLE Position: Electrical Test Engineer Date: 26/07/2022

Signature:

Wiring Types. A PVC/PVC, B PVC cables in metallic Conduit, C PVC cables in non-metallic Conduit, D PVC cables in metallic trunking, E PVC cables in non-metallic trunking, F PVC/SWA cables, G SWA/XPLE cables, H Mineral Insulated, MW Metal Work, FM Ferrous Metal, O Other
A/A1 - Single Core PVC Cables (4D1A), A/A2 - Multicore PVC Cables (4D2A), F/F1 - Single-core armoures PVC SWA Cables (4D3A), F/F2 - PVC SWA Cables (4D4A), A/A3 - PVC Twin & Earth (4D5), O/O1 - LSF single core cables 90°C rated (4E1A), O/O2 - Multi-core LSF cables 90°C rated (4E2A), G/G1 - Single-core armoured XLPE cables or 90°C rated (4E3A), G/G2 - Multi-core armoured XLPE cables or 90°C rated (4E4A), H/H1 - MICC exposed to touch (4G1A)

ELECTRICAL INSTALLATION CONDITION REPORT - Schedule of Tests

for Industrial/Commercial Premises

FT/EICR 110151231

Requirements for Electrical Installations
BS 7671:2018 (IET Wiring Regulations 18th Edition)

Company Name	PHS Compliance	**Company Address**	Kid Glove Road	**Postcode**	WA3 3GR	**Branch No.**	**Scheme No.**
Client	UPP Residential Services Ltd	**Installation Address**	Swansea University Bay Campus - Dryslwyn 1B & Nest 2, Reception - Ground Floor Tower Information Centre, Fabian Way, Crymlyn Burrows, Swansea, West Glamorgan	**Postcode**	SA1 8EN		

Distribution board details - Complete in every case

Location: Room 3 Riser [Schneider]
Designation: DB CL22/13
Num. of ways: 4 Num. of phases: 1
Supply polarity confirmed: ☑ Phase sequence confirmed: ☐

Complete only if the distribution board is not connected directly to the origin of the installation

Supply to distribution board is from: Sub Mains(DB CL22, 13/L2)
Overcurrent protective device for the distribution circuit: BS(EN) 61009 RCD/RCBO Type B Rating 32 A Voltage 230 V

Characteristics at this distribution board

Associated RCD(if any): BS (EN) 61008
Z_d 0.40 Ω No. of poles 2
I_{pf} 0.58 kA IΔn 30
Time delay (if applicable) N/A
Operating at 1 IΔn: Above 30mA 28.4 ms
Operating at 5 IΔn: 30mA or below 27.2 ms
(if applicable)

Test instrument serial number(s)

Loop impedance: 100701/4664
Insulation resistance: 100701/4664
Continuity: 100701/4664
RCD: 100701/4664

CIRCUIT DETAILS / TEST RESULTS

Circuit No. and Line No.	Distribution board Designation / Circuit designation	Type of wiring	Ref. method	No. of points	Circuit conductors csa (mm²) L / N	Circuit conductors csa (mm²) CPC	Maximum disconnection	Overcurrent protective devices BS EN Number	Type No.	Rating (A)	Breaking capacity (KA)	RCD operating (mA)	BS 7671 Max. permitted Zs Other 80% (Ω)	Circuit impedance Ω Ring final circuits only (measured end-to-end) r1	rn	r2	Fig 8 check (✓)	All circuits to be completed using R1R2 or R2, not both R1 + R2	R2	Insulation resistance (Record lower reading) Test voltage V	L/L, L/N M(Ω)	L/E, N/E M(Ω)	Polarity (✓)	Max. Measured Zs (Ω)	RCD testing Above 30mA IΔn ms	30mA or below 5 IΔn ms	Manual test button operation RCD (✓)	AFDD (✓)
1/L2	Sockets	A	B	6	2.5	1.5	0.4	60898 MCB	B	10	6	N/A	3.49	N/A	N/A	N/A	N/A	0.14	N/A	250	LIM	>299	✓	0.45	N/A	N/A	N/A	N/A
2/L2	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
3/L2	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
4/L2	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Details of circuits and/or installed equipment vulnerable to damage when testing

Date(s) dead testing: 26/07/2022 To 26/07/2022

Date(s) live testing: 26/07/2022 To 26/07/2022

Tested by: Name (capital letters): LIAM KIMBLE Position: Electrical Test Engineer Date: 26/07/2022

Signature:

Wiring Types. A PVC/PVC, B PVC cables in metallic Conduit, C PVC cables in non-metallic Conduit, D PVC cables in metallic trunking, E PVC cables in non-metallic trunking, F PVC/SWA cables, G SWA/XPLE cables, H Mineral Insulated, MW Metal Work, FM Ferrous Metal, O Other
A/A1 - Single Core PVC Cables (4D1A), A/A2 - Multicore PVC Cables (4D2A), F/F1 - Single-core armoures PVC SWA Cables (4D3A), F/F2 - PVC SWA Cables (4D4A), A/A3 - PVC Twin & Earth (4D5), O/O1 - LSF single core cables 90°C rated (4E1A), O/O2 - Multi-core LSF cables 90°C rated (4E2A), G/G1 - Single-core armoured XLPE cables or 90°C rated (4E3A), G/G2 - Multi-core armoured XLPE cables or 90°C rated (4E4A), H/H1 - MICC exposed to touch (4G1A)

ELECTRICAL INSTALLATION CONDITION REPORT - Schedule of Tests

for Industrial/Commercial Premises

FT/EICR 110151231

Requirements for Electrical Installations
BS 7671:2018 (IET Wiring Regulations 18th Edition)

Company Name	PHS Compliance	**Company Address**	Kid Glove Road	**Postcode**	WA3 3GR	**Branch No.**	**Scheme No.**
Client	UPP Residential Services Ltd	**Installation Address**	Swansea University Bay Campus - Dryslwyn 1B & Nest 2, Reception - Ground Floor Tower Information Centre, Fabian Way, Crymlyn Burrows, Swansea, West Glamorgan	**Postcode**	SA1 8EN		

Distribution board details - Complete in every case

Location: Room X Riser [Schneider]
Designation: DB CL22/13-1
Num. of ways: 4 Num. of phases: 1
Supply polarity confirmed: ☑ Phase sequence confirmed: ☐

Complete only if the distribution board is not connected directly to the origin of the installation

Supply to distribution board is from: Sub Mains(DB CL22, 13/L2)
Overcurrent protective device for the distribution circuit: BS(EN) 61009 RCD/RCBO Type B Rating 32 A Voltage 230 V

Characteristics at this distribution board

Associated RCD(if any): BS (EN) 61008
Z_d 0.40 Ω No. of poles 2
I_{pf} 0.58 kA IΔn 30
Time delay (if applicable) N/A
Operating at 1 IΔn: Above 30mA 28.4 ms
Operating at 5 IΔn: 30mA or below 27.2 ms
(if applicable)

Test instrument serial number(s)

Loop impedance: 100701/4664
Insulation resistance: 100701/4664
Continuity: 100701/4664
RCD: 100701/4664

CIRCUIT DETAILS / TEST RESULTS

Circuit No. and Line No.	Distribution board Designation / Circuit designation	Type of wiring	Ref. method	No. of points	Circuit conductors csa (mm²) L / N	Circuit conductors csa (mm²) CPC	Maximum disconnection	Overcurrent protective devices BS EN Number	Type No.	Rating (A)	Breaking capacity (KA)	RCD operating (mA)	BS 7671 Max. permitted Zs Other 80% (Ω)	Circuit impedance Ω Ring final circuits only (measured end-to-end) r1	rn	r2	Fig 8 check (✓)	All circuits to be completed using R1R2 or R2, not both R1 + R2	R2	Insulation resistance (Record lower reading) Test voltage V	L/L, L/N M(Ω)	L/E, N/E M(Ω)	Polarity (✓)	Max. Measured Zs (Ω)	RCD testing Above 30mA IΔn ms	30mA or below 5 IΔn ms	Manual test button operation RCD (✓)	AFDD (✓)
1/L2	Sockets	A	B	6	2.5	1.5	0.4	60898 MCB	B	10	6	N/A	3.49	N/A	N/A	N/A	N/A	0.20	N/A	250	LIM	>299	✓	0.48	N/A	N/A	N/A	N/A
2/L2	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
3/L2	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
4/L2	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Details of circuits and/or installed equipment vulnerable to damage when testing

Date(s) dead testing: 26/07/2022 To 26/07/2022

Date(s) live testing: 26/07/2022 To 26/07/2022

Tested by: Name (capital letters): LIAM KIMBLE Position: Electrical Test Engineer Date: 26/07/2022

Signature:

Wiring Types. A PVC/PVC, B PVC cables in metallic Conduit, C PVC cables in non-metallic Conduit, D PVC cables in metallic trunking, E PVC cables in non-metallic trunking, F PVC/SWA cables, G SWA/XPLE cables, H Mineral Insulated, MW Metal Work, FM Ferrous Metal, O Other
A/A1 - Single Core PVC Cables (4D1A), A/A2 - Multicore PVC Cables (4D2A), F/F1 - Single-core armoures PVC SWA Cables (4D3A), F/F2 - PVC SWA Cables (4D4A), A/A3 - PVC Twin & Earth (4D5), O/O1 - LSF single core cables 90°C rated (4E1A), O/O2 - Multi-core LSF cables 90°C rated (4E2A), G/G1 - Single-core armoured XLPE cables or 90°C rated (4E3A), G/G2 - Multi-core armoured XLPE cables or 90°C rated (4E4A), H/H1 - MICC exposed to touch (4G1A)

ELECTRICAL INSTALLATION CONDITION REPORT - Schedule of Tests

for Industrial/Commercial Premises

FT/EICR 110151231

Requirements for Electrical Installations
BS 7671:2018 (IET Wiring Regulations 18th Edition)

Company Name	PHS Compliance	**Company Address**	Kid Glove Road	**Postcode**	WA3 3GR	**Branch No.**	**Scheme No.**
Client	UPP Residential Services Ltd	**Installation Address**	Swansea University Bay Campus - Dryslwyn 1B & Nest 2, Reception - Ground Floor Tower Information Centre, Fabian Way, Crymlyn Burrows, Swansea, West Glamorgan	**Postcode**	SA1 8EN		

Distribution board details - Complete in every case

Location: Flat 11 Nest [Schneider]
Designation: DB CL21
Num. of ways: 18 Num. of phases: 1
Supply polarity confirmed: ☑ Phase sequence confirmed: ☐

Complete only if the distribution board is not connected directly to the origin of the installation

Supply to distribution board is from:
Overcurrent protective device for the distribution circuit: BS(EN): Type: Rating: A Voltage: V

Characteristics at this distribution board

Associated RCD(if any): BS (EN): N/A
Z_d 0.11 Ω No. of poles N/A
I_{pf} 3.8 kA IΔn N/A
Time delay (if applicable) N/A
Operating at 1 IΔn: Above 30mA N/A ms
30mA or below
Operating at 5 IΔn N/A ms
(if applicable)

Test instrument serial number(s)

Loop impedance 100701/4664
Insulation resistance 100701/4664
Continuity 100701/4664
RCD 100701/4664

CIRCUIT DETAILS / TEST RESULTS

Circuit No. and Line No.	Distribution board Designation / Circuit designation	Type of wiring	Ref. method	No. of points	Circuit conductors csa (mm²) L / N	Circuit conductors csa (mm²) CPC	Maximum disconnection	Overcurrent protective devices BS EN Number	Type No.	Rating (A)	Breaking capacity (KA)	RCD operating (mA)	BS 7671 Max. permitted Zs Other 80% (Ω)	Circuit impedance Ω: Ring final circuits only (measured end-to-end) r1	rn	r2	Fig 8 check (✓)	All circuits to be completed using R1R2 or R2, not both: R1 + R2	R2	Insulation resistance (Record lower reading): Test voltage V	L/L, L/N M(Ω)	L/E, N/E M(Ω)	Polarity (✓)	Max. Measured Zs (Ω)	RCD testing: Above 30mA IΔn ms	30mA or below 5 IΔn ms	Manual test button operation: RCD (✓)	AFDD (✓)
1/L1	Bedroom Lighting 7,8	A	B	8	1.5	1	0.4	61009 RCD/RCBO	C	10	10	30	1.75	N/A	N/A	N/A	N/A	0.22		250	LIM	>299	✓	0.42	28.4	18.4	✓	N/A
2/L1	Bedroom Lighting 9,10	A	B	8	1.5	1	0.4	61009 RCD/RCBO	C	10	10	30	1.75	N/A	N/A	N/A	N/A	0.19		250	LIM	>299	✓	0.49	28.2	27.0	✓	N/A
3/L1	Bedroom Lighting 4,5,6	A	B	12	1.5	1	0.4	61009 RCD/RCBO	C	10	10	30	1.75	N/A	N/A	N/A	N/A	0.25		250	LIM	>299	✓	0.40	28.8	32.6	✓	N/A
4/L1	Bedroom Lighting 1,2,3	A	B	12	1.5	1	0.4	61009 RCD/RCBO	C	10	10	30	1.75	N/A	N/A	N/A	N/A	0.22		250	LIM	>299	✓	0.50	26.4	22.4	✓	N/A
5/L1	Common Room Lighting	A	B	8	1.5	1	0.4	61009 RCD/RCBO	C	10	10	30	1.75	N/A	N/A	N/A	N/A	0.34		250	LIM	>299	✓	0.64	28.2	28.0	✓	N/A
6/L1	Common Room Ring 1	A	B	8	2x2.5	2x1.5	0.4	61009 RCD/RCBO	B	32	10	30	1.09	0.21	0.21	0.36	N/A	0.14		250	LIM	>299	✓	0.31	28.8	27.2	✓	N/A
7/L1	Common Room Ring 2	A	B	8	2x2.5	2x1.5	0.4	61009 RCD/RCBO	B	32	10	30	1.09	0.39	0.39	0.52	N/A	0.23		250	LIM	>299	✓	0.37	26.4	17.4	✓	N/A
8/L1	Isolated	A	B	LIM	10	4	0.4	61009 RCD/RCBO	B	32	10	30	1.09	N/A	N/A	N/A	N/A	LIM		250	LIM	>299	LIM	LIM	LIM	LIM	LIM	N/A
9/L1	Isolated	A	B	LIM	10	4	0.4	61009 RCD/RCBO	B	32	10	30	1.09	N/A	N/A	N/A	N/A	LIM		250	LIM	>299	LIM	LIM	LIM	LIM	LIM	N/A
10/L1	Sub Mains(DB CL21/10, DB CL21/10-1, DB CL21/10-2)	A	B	3	2x2.5	2x1.5	5	61009 RCD/RCBO	B	32	10	30	1.09	0.46	0.46	0.55	N/A	0.24		250	LIM	>299	✓	0.53	26.2	27.2	✓	N/A
11/L1	Sub Mains(DB CL21/11, DB CL21/11-1, DB CL21/11-2)	A	B	3	2x2.5	2x1.5	5	61009 RCD/RCBO	B	32	10	30	1.09	0.42	0.42	0.58	N/A	0.25		250	LIM	>299	✓	0.42	28.8	22.8	✓	N/A
12/L1	Sub Mains(DB CL21/12, DB CL21/12-1)	A	B	2	2x2.5	2x1.5	5	61009 RCD/RCBO	B	32	10	30	1.09	0.30	0.30	0.37	N/A	0.17		250	LIM	>299	✓	0.38	28.2	26.2	✓	N/A
13/L1	Sub Mains(DB CL21/13-1, DB CL21/13)	A	B	2	2x2.5	2x1.5	5	61009 RCD/RCBO	B	32	10	30	1.09	0.42	0.42	0.62	N/A	0.26		250	LIM	>299	✓	0.40	28.8	18.4	✓	N/A

Details of circuits and/or installed equipment vulnerable to damage when testing

Date(s) dead testing: 26/07/2022 To: 26/07/2022

Date(s) live testing: 26/07/2022 To: 26/07/2022

Tested by: Name (capital letters): LIAM KIMBLE Position: Electrical Test Engineer Date: 26/07/2022

Signature:

Wiring Types. A PVC/PVC, B PVC cables in metallic Conduit, C PVC cables in non-metallic Conduit, D PVC cables in metallic trunking, E PVC cables in non-metallic trunking, F PVC/SWA cables, G SWA/XPLE cables, H Mineral Insulated, MW Metal Work, FM Ferrous Metal, O Other
A/A1 - Single Core PVC Cables (4D1A), A/A2 - Multicore PVC Cables (4D2A), F/F1 - Single-core armoures PVC SWA Cables (4D3A), F/F2 - PVC SWA Cables (4D4A), A/A3 - PVC Twin & Earth (4D5), O/O1 - LSF single core cables 90°C rated (4E1A), O/O2 - Multi-core LSF cables 90°C rated (4E2A), G/G1 - Single-core armoured XLPE cables or 90°C rated (4E3A), G/G2 - Multi-core armoured XLPE cables or 90°C rated (4E4A), H/H1 - MICC exposed to touch (4G1A)

ELECTRICAL INSTALLATION CONDITION REPORT - Schedule of Tests

FT/EICR 110151231

for Industrial/Commercial Premises

Requirements for Electrical Installations
BS 7671:2018 (IET Wiring Regulations 18th Edition)

CIRCUIT DETAILS														TEST RESULTS																	
Circuit No. and Line No.	Distribution board Designation / Circuit designation	Type of wiring	Ref. method	No. of points	Circuit conductors csa (mm²) L / N	Circuit conductors csa (mm²) CPC	Maximum disconnection	Overcurrent protective devices BS EN Number	Overcurrent protective devices Type No.	Overcurrent protective devices Rating (A)	Breaking capacity (KA)	RCD operating (mA)	BS 7671 Max. permitted Zs Other 80% (Ω)	Circuit impedance Ω Ring final circuits only (measured end-to-end) r1	rn	r2	Fig 8 check (✓)	All circuits to be completed using R1R2 or R2, not both R1 + R2	R2	Insulation resistance (Record lower reading) Test voltage V	L/L, L/N M(Ω)	L/E, N/E M(Ω)	Polarity (✓)	Max. Measured Zs (Ω)	RCD testing Above 30mA IΔn ms	30mA or below 5 IΔn ms	Manual test button operation RCD (✓)	AFDD (✓)
14/L1	SPARE													N/A	N/A	N/A	N/A						N/A				N/A	N/A
15/L1	SPARE													N/A	N/A	N/A	N/A						N/A				N/A	N/A
16/L1	SPARE													N/A	N/A	N/A	N/A						N/A				N/A	N/A
17/L1	SPARE													N/A	N/A	N/A	N/A						N/A				N/A	N/A
18/L1	SPARE													N/A	N/A	N/A	N/A						N/A				N/A	N/A

Details of circuits and/or installed equipment vulnerable to damage when testing

Date(s) dead testing 26/07/2022 To 26/07/2022

Date(s) live testing 26/07/2022 To 26/07/2022

Tested by: Name (capital letters) LIAM KIMBLE

Position Electrical Test Engineer

Date 26/07/2022

Signature

Wiring Types. A PVC/PVC, B PVC cables in metallic Conduit, C PVC cables in non-metallic Conduit, D PVC cables in metallic trunking, E PVC cables in non-metallic trunking, F PVC/SWA cables, G SWA/XPLE cables, H Mineral Insulated, MW Metal Work, FM Ferrous Metal, O Other
A/A1 - Single Core PVC Cables (4D1A), A/A2 - Multicore PVC Cables (4D2A), F/F1 - Single-core armoures PVC SWA Cables (4D3A), F/F2 - PVC SWA Cables (4D4A), A/A3 - PVC Twin & Earth (4D5), O/O1 - LSF single core cables 90°C rated (4E1A), O/O2 - Multi-core LSF cables 90°C rated (4E2A), G/G1 - Single-core armoured XLPE cables or 90°C rated (4E3A), G/G2 - Multi-core armoured XLPE cables or 90°C rated (4E4A), H/H1 - MICC exposed to touch (4G1A)

ELECTRICAL INSTALLATION CONDITION REPORT - Schedule of Tests

for Industrial/Commercial Premises

FT/EICR 110151231

Requirements for Electrical Installations
BS 7671:2018 (IET Wiring Regulations 18th Edition)

Company Name	PHS Compliance	**Company Address**	Kid Glove Road	**Postcode**	WA3 3GR	**Branch No.**	**Scheme No.**
Client	UPP Residential Services Ltd	**Installation Address**	Swansea University Bay Campus - Dryslwyn 1B & Nest 2, Reception - Ground Floor Tower Information Centre, Fabian Way, Crymlyn Burrows, Swansea, West Glamorgan	**Postcode**	SA1 8EN		

Distribution board details - Complete in every case

Location: Room 4 Riser [Schneider]
Designation: DB CL21/10
Num. of ways: 4 Num. of phases: 1
Supply polarity confirmed: ☑ Phase sequence confirmed: ☐

Complete only if the distribution board is not connected directly to the origin of the installation

Supply to distribution board is from: Sub Mains(DB CL21, 10/L1)
Overcurrent protective device for the distribution circuit: BS(EN) 61009 RCD/RCBO Type B Rating 32 A Voltage 230 V

Characteristics at this distribution board

Associated RCD(if any): BS (EN) 61008
Z_d 0.53 Ω No. of poles 2
I_{pf} 0.42 kA IΔn 30
Time delay (if applicable) N/A
Operating at 1 IΔn: Above 30mA 26.2 ms
Operating at 5 IΔn: 30mA or below 27.2 ms
(if applicable)

Test instrument serial number(s)

Loop impedance: 100701/4664
Insulation resistance: 100701/4664
Continuity: 100701/4664
RCD: 100701/4664

CIRCUIT DETAILS / TEST RESULTS

Circuit No. and Line No.	Distribution board Designation / Circuit designation	Type of wiring	Ref. method	No. of points	Circuit conductors csa (mm²) L / N	Circuit conductors csa (mm²) CPC	Maximum disconnection	Overcurrent protective devices BS EN Number	Type No.	Rating (A)	Breaking capacity (KA)	RCD operating (mA)	BS 7671 Max. permitted Zs Other 80% (Ω)	Circuit impedance Ω Ring final circuits only (measured end-to-end) r1	rn	r2	Fig 8 check (✓)	All circuits to be completed using R1R2 or R2, not both R1 + R2	R2	Insulation resistance (Record lower reading) Test voltage V	L/L, L/N M(Ω)	L/E, N/E M(Ω)	Polarity (✓)	Max. Measured Zs (Ω)	RCD testing Above 30mA IΔn ms	30mA or below 5 IΔn ms	Manual test button operation RCD (✓)	AFDD (✓)
1/L1	Sockets	A	B	6	2.5	1.5	0.4	60898 MCB	B	10	6	N/A	3.49	N/A	N/A	N/A	N/A	0.15	N/A	250	LIM	>299	✓	0.47	N/A	N/A	N/A	N/A
2/L1	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
3/L1	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
4/L1	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Details of circuits and/or installed equipment vulnerable to damage when testing

Date(s) dead testing: 26/07/2022 To 26/07/2022

Date(s) live testing: 26/07/2022 To 26/07/2022

Tested by: Name (capital letters): LIAM KIMBLE Position: Electrical Test Engineer Date: 26/07/2022

Signature:

Wiring Types. A PVC/PVC, B PVC cables in metallic Conduit, C PVC cables in non-metallic Conduit, D PVC cables in metallic trunking, E PVC cables in non-metallic trunking, F PVC/SWA cables, G SWA/XPLE cables, H Mineral Insulated, MW Metal Work, FM Ferrous Metal, O Other
A/A1 - Single Core PVC Cables (4D1A), A/A2 - Multicore PVC Cables (4D2A), F/F1 - Single-core armoures PVC SWA Cables (4D3A), F/F2 - PVC SWA Cables (4D4A), A/A3 - PVC Twin & Earth (4D5), O/O1 - LSF single core cables 90°C rated (4E1A), O/O2 - Multi-core LSF cables 90°C rated (4E2A), G/G1 - Single-core armoured XLPE cables or 90°C rated (4E3A), G/G2 - Multi-core armoured XLPE cables or 90°C rated (4E4A), H/H1 - MICC exposed to touch (4G1A)

ELECTRICAL INSTALLATION CONDITION REPORT - Schedule of Tests

for Industrial/Commercial Premises

FT/EICR 110151231

Requirements for Electrical Installations
BS 7671:2018 (IET Wiring Regulations 18th Edition)

Company Name	PHS Compliance	**Company Address**	Kid Glove Road	**Postcode**	WA3 3GR	**Branch No.**	**Scheme No.**
Client	UPP Residential Services Ltd	**Installation Address**	Swansea University Bay Campus - Dryslwyn 1B & Nest 2, Reception - Ground Floor Tower Information Centre, Fabian Way, Crymlyn Burrows, Swansea, West Glamorgan	**Postcode**	SA1 8EN		

Distribution board details - Complete in every case

Location: Room 5 Riser [Schneider]
Designation: DB CL21/10-1
Num. of ways: 4 Num. of phases: 1
Supply polarity confirmed: ☑ Phase sequence confirmed: ☐

Complete only if the distribution board is not connected directly to the origin of the installation

Supply to distribution board is from: Sub Mains(DB CL21, 10/L1)
Overcurrent protective device for the distribution circuit: BS(EN) 61009 RCD/RCBO Type B Rating 32 A Voltage 230 V

Characteristics at this distribution board

Associated RCD(if any): BS (EN) 61008
Z_d 0.53 Ω No. of poles 2
I_{pf} 0.42 kA IΔn 30
Time delay (if applicable) N/A
Above 30mA Operating at 1 IΔn 26.2 ms
30mA or below Operating at 5 IΔn 27.2 ms
(if applicable)

Test instrument serial number(s)

Loop impedance 100701/4664
Insulation resistance 100701/4664
Continuity 100701/4664
RCD 100701/4664

CIRCUIT DETAILS / TEST RESULTS

Circuit No. and Line No.	Distribution board Designation / Circuit designation	Type of wiring	Ref. method	No. of points	Circuit conductors csa (mm²) L / N	Circuit conductors csa (mm²) CPC	Maximum disconnection	Overcurrent protective devices BS EN Number	Type No.	Rating (A)	Breaking capacity (KA)	RCD operating (mA)	BS 7671 Max. permitted Zs Other 80% (Ω)	Circuit impedance Ω Ring final circuits only (measured end-to-end) r1	rn	r2	Fig 8 check (✓)	All circuits to be completed using R1R2 or R2, not both R1 + R2	R2	Insulation resistance (Record lower reading) Test voltage V	L/L, L/N M(Ω)	L/E, N/E M(Ω)	Polarity (✓)	Max. Measured Zs (Ω)	RCD testing Above 30mA IΔn ms	30mA or below 5 IΔn ms	Manual test button operation RCD (✓)	AFDD (✓)
1/L1	Sockets	A	B	6	2.5	1.5	0.4	60898 MCB	B	10	6	N/A	3.49	N/A	N/A	N/A	N/A	0.14	N/A	250	LIM	>299	✓	0.52	N/A	N/A	N/A	N/A
2/L1	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
3/L1	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
4/L1	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Details of circuits and/or installed equipment vulnerable to damage when testing

Date(s) dead testing 26/07/2022 To 26/07/2022

Date(s) live testing 26/07/2022 To 26/07/2022

Tested by: Name (capital letters) LIAM KIMBLE Position Electrical Test Engineer Date 26/07/2022

Signature

Wiring Types. A PVC/PVC, B PVC cables in metallic Conduit, C PVC cables in non-metallic Conduit, D PVC cables in metallic trunking, E PVC cables in non-metallic trunking, F PVC/SWA cables, G SWA/XPLE cables, H Mineral Insulated, MW Metal Work, FM Ferrous Metal, O Other
A/A1 - Single Core PVC Cables (4D1A), A/A2 - Multicore PVC Cables (4D2A), F/F1 - Single-core armoures PVC SWA Cables (4D3A), F/F2 - PVC SWA Cables (4D4A), A/A3 - PVC Twin & Earth (4D5), O/O1 - LSF single core cables 90°C rated (4E1A), O/O2 - Multi-core LSF cables 90°C rated (4E2A), G/G1 - Single-core armoured XLPE cables or 90°C rated (4E3A), G/G2 - Multi-core armoured XLPE cables or 90°C rated (4E4A), H/H1 - MICC exposed to touch (4G1A)

ELECTRICAL INSTALLATION CONDITION REPORT - Schedule of Tests

for Industrial/Commercial Premises

FT/EICR 110151231

Requirements for Electrical Installations
BS 7671:2018 (IET Wiring Regulations 18th Edition)

Company Name	PHS Compliance	**Company Address**	Kid Glove Road	**Postcode**	WA3 3GR	**Branch No.**	**Scheme No.**
Client	UPP Residential Services Ltd	**Installation Address**	Swansea University Bay Campus - Dryslwyn 1B & Nest 2, Reception - Ground Floor Tower Information Centre, Fabian Way, Crymlyn Burrows, Swansea, West Glamorgan	**Postcode**	SA1 8EN		

Distribution board details - Complete in every case

Location: Room 6 Riser [Schneider]
Designation: DB CL21/10-2
Num. of ways: 4 Num. of phases: 1
Supply polarity confirmed: ☑ Phase sequence confirmed: ☐

Complete only if the distribution board is not connected directly to the origin of the installation

Supply to distribution board is from: Sub Mains(DB CL21, 10/L1)
Overcurrent protective device for the distribution circuit: BS(EN) 61009 RCD/RCBO Type B Rating 32 A Voltage 230 V

Characteristics at this distribution board

Associated RCD(if any): BS (EN) 61008
Z_d 0.53 Ω No. of poles 2
I_{pf} 0.42 kA IΔn 30
Time delay (if applicable) N/A
Above 30mA Operating at 1 IΔn 26.2 ms
30mA or below Operating at 5 IΔn 27.2 ms
(if applicable)

Test instrument serial number(s)

Loop impedance 100701/4664
Insulation resistance 100701/4664
Continuity 100701/4664
RCD 100701/4664

CIRCUIT DETAILS / TEST RESULTS

Circuit No. and Line No.	Distribution board Designation / Circuit designation	Type of wiring	Ref. method	No. of points	Circuit conductors csa (mm²) L / N	Circuit conductors csa (mm²) CPC	Maximum disconnection	Overcurrent protective devices BS EN Number	Type No.	Rating (A)	Breaking capacity (KA)	RCD operating (mA)	BS 7671 Max. permitted Zs Other 80% (Ω)	Circuit impedance Ω Ring final circuits only (measured end-to-end) r1	rn	r2	Fig 8 check (✓)	All circuits to be completed using R1R2 or R2, not both R1 + R2	R2	Insulation resistance (Record lower reading) Test voltage V	L/L, L/N M(Ω)	L/E, N/E M(Ω)	Polarity (✓)	Max. Measured Zs (Ω)	RCD testing Above 30mA IΔn ms	30mA or below 5 IΔn ms	Manual test button operation RCD (✓)	AFDD (✓)
1/L1	Sockets	A	B	6	2.5	1.5	0.4	60898 MCB	B	10	6	N/A	3.49	N/A	N/A	N/A	N/A	0.10	N/A	250	LIM	>299	✓	0.52	N/A	N/A	N/A	N/A
2/L1	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
3/L1	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
4/L1	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Details of circuits and/or installed equipment vulnerable to damage when testing

Date(s) dead testing 26/07/2022 To 26/07/2022

Date(s) live testing 26/07/2022 To 26/07/2022

Tested by: Name (capital letters) LIAM KIMBLE Position Electrical Test Engineer Date 26/07/2022

Signature

Wiring Types. A PVC/PVC, B PVC cables in metallic Conduit, C PVC cables in non-metallic Conduit, D PVC cables in metallic trunking, E PVC cables in non-metallic trunking, F PVC/SWA cables, G SWA/XPLE cables, H Mineral Insulated, MW Metal Work, FM Ferrous Metal, O Other
A/A1 - Single Core PVC Cables (4D1A), A/A2 - Multicore PVC Cables (4D2A), F/F1 - Single-core armoures PVC SWA Cables (4D3A), F/F2 - PVC SWA Cables (4D4A), A/A3 - PVC Twin & Earth (4D5), O/O1 - LSF single core cables 90°C rated (4E1A), O/O2 - Multi-core LSF cables 90°C rated (4E2A), G/G1 - Single-core armoured XLPE cables or 90°C rated (4E3A), G/G2 - Multi-core armoured XLPE cables or 90°C rated (4E4A), H/H1 - MICC exposed to touch (4G1A)

ELECTRICAL INSTALLATION CONDITION REPORT - Schedule of Tests

for Industrial/Commercial Premises

FT/EICR 110151231

Requirements for Electrical Installations
BS 7671:2018 (IET Wiring Regulations 18th Edition)

Company Name	PHS Compliance	**Company Address**	Kid Glove Road	**Postcode**	WA3 3GR	**Branch No.**	**Scheme No.**
Client	UPP Residential Services Ltd	**Installation Address**	Swansea University Bay Campus - Dryslwyn 1B & Nest 2, Reception - Ground Floor Tower Information Centre, Fabian Way, Crymlyn Burrows, Swansea, West Glamorgan	**Postcode**	SA1 8EN		

Distribution board details - Complete in every case

Location: Room 1 Riser [Schneider]
Designation: DB CL21/11
Num. of ways: 4 Num. of phases: 1
Supply polarity confirmed: ☑ Phase sequence confirmed: ☐

Complete only if the distribution board is not connected directly to the origin of the installation

Supply to distribution board is from: Sub Mains(DB CL21, 11/L1)
Overcurrent protective device for the distribution circuit: BS(EN) 61009 RCD/RCBO Type B Rating 32 A Voltage 230 V

Characteristics at this distribution board

Associated RCD(if any): BS (EN) 61008
Z_d 0.42 Ω No. of poles 2
I_{pf} 0.51 kA IΔn 30
Time delay (if applicable) N/A
Operating at 1 IΔn: Above 30mA 28.8 ms
Operating at 5 IΔn: 30mA or below 22.8 ms
(if applicable)

Test instrument serial number(s)

Loop impedance: 100701/4664
Insulation resistance: 100701/4664
Continuity: 100701/4664
RCD: 100701/4664

CIRCUIT DETAILS / TEST RESULTS

Circuit No. and Line No.	Distribution board Designation / Circuit designation	Type of wiring	Ref. method	No. of points	Circuit conductors csa (mm²) L / N	Circuit conductors csa (mm²) CPC	Maximum disconnection	Overcurrent protective devices BS EN Number	Type No.	Rating (A)	Breaking capacity (KA)	RCD operating (mA)	BS 7671 Max. permitted Zs Other 80% (Ω)	Circuit impedance Ω Ring final circuits only (measured end-to-end) r1	rn	r2	Fig 8 check (✓)	All circuits to be completed using R1R2 or R2, not both R1 + R2	R2	Insulation resistance (Record lower reading) Test voltage V	L/L, L/N M(Ω)	L/E, N/E M(Ω)	Polarity (✓)	Max. Measured Zs (Ω)	RCD testing Above 30mA IΔn ms	30mA or below 5 IΔn ms	Manual test button operation RCD (✓)	AFDD (✓)
1/L1	Sockets	A	B	6	2.5	1.5	0.4	60898 MCB	B	10	6	N/A	3.49	N/A	N/A	N/A	N/A	0.14	N/A	250	LIM	>299	✓	0.58	N/A	N/A	N/A	N/A
2/L1	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
3/L1	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
4/L1	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Details of circuits and/or installed equipment vulnerable to damage when testing

Date(s) dead testing: 26/07/2022 To 26/07/2022

Date(s) live testing: 26/07/2022 To 26/07/2022

Tested by: Name (capital letters): LIAM KIMBLE Position: Electrical Test Engineer Date: 26/07/2022

Signature:

Wiring Types. A PVC/PVC, B PVC cables in metallic Conduit, C PVC cables in non-metallic Conduit, D PVC cables in metallic trunking, E PVC cables in non-metallic trunking, F PVC/SWA cables, G SWA/XPLE cables, H Mineral Insulated, MW Metal Work, FM Ferrous Metal, O Other
A/A1 - Single Core PVC Cables (4D1A), A/A2 - Multicore PVC Cables (4D2A), F/F1 - Single-core armoures PVC SWA Cables (4D3A), F/F2 - PVC SWA Cables (4D4A), A/A3 - PVC Twin & Earth (4D5), O/O1 - LSF single core cables 90°C rated (4E1A), O/O2 - Multi-core LSF cables 90°C rated (4E2A), G/G1 - Single-core armoured XLPE cables or 90°C rated (4E3A), G/G2 - Multi-core armoured XLPE cables or 90°C rated (4E4A), H/H1 - MICC exposed to touch (4G1A)

ELECTRICAL INSTALLATION CONDITION REPORT - Schedule of Tests

for Industrial/Commercial Premises

FT/EICR 110151231

Requirements for Electrical Installations
BS 7671:2018 (IET Wiring Regulations 18th Edition)

Company Name	PHS Compliance	**Company Address**	Kid Glove Road	**Postcode**	WA3 3GR	**Branch No.**	**Scheme No.**
Client	UPP Residential Services Ltd	**Installation Address**	Swansea University Bay Campus - Dryslwyn 1B & Nest 2, Reception - Ground Floor Tower Information Centre, Fabian Way, Crymlyn Burrows, Swansea, West Glamorgan	**Postcode**	SA1 8EN		

Distribution board details - Complete in every case

Location: Room 2 Riser [Schneider]
Designation: DB CL21/11-1
Num. of ways: 4 Num. of phases: 1
Supply polarity confirmed: ☑ Phase sequence confirmed: ☐

Complete only if the distribution board is not connected directly to the origin of the installation

Supply to distribution board is from: Sub Mains(DB CL21, 11/L1)
Overcurrent protective device for the distribution circuit: BS(EN) 61009 RCD/RCBO Type B Rating 32 A Voltage 230 V

Characteristics at this distribution board

Associated RCD(if any): BS (EN) 61008
Z_d 0.42 Ω No. of poles 2
I_{pf} 0.51 kA IΔn 30
Time delay (if applicable) N/A
Operating at 1 IΔn: Above 30mA 28.8 ms
Operating at 5 IΔn: 30mA or below 22.8 ms
(if applicable)

Test instrument serial number(s)

Loop impedance: 100701/4664
Insulation resistance: 100701/4664
Continuity: 100701/4664
RCD: 100701/4664

CIRCUIT DETAILS / TEST RESULTS

Circuit No. and Line No.	Distribution board Designation / Circuit designation	Type of wiring	Ref. method	No. of points	Circuit conductors csa (mm²) L / N	Circuit conductors csa (mm²) CPC	Maximum disconnection	Overcurrent protective devices BS EN Number	Type No.	Rating (A)	Breaking capacity (KA)	RCD operating (mA)	BS 7671 Max. permitted Zs Other 80% (Ω)	Circuit impedance Ω Ring final circuits only (measured end-to-end) r1	rn	r2	Fig 8 check (✓)	All circuits to be completed using R1R2 or R2, not both R1 + R2	R2	Insulation resistance (Record lower reading) Test voltage V	L/L, L/N M(Ω)	L/E, N/E M(Ω)	Polarity (✓)	Max. Measured Zs (Ω)	RCD testing Above 30mA IΔn ms	30mA or below 5 IΔn ms	Manual test button operation RCD (✓)	AFDD (✓)
1/L1	Sockets	A	B	6	2.5	1.5	0.4	60898 MCB	B	10	6	N/A	3.49	N/A	N/A	N/A	N/A	0.16	N/A	250	LIM	>299	✓	0.59	N/A	N/A	N/A	N/A
2/L1	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
3/L1	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
4/L1	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Details of circuits and/or installed equipment vulnerable to damage when testing

Date(s) dead testing: 26/07/2022 To 26/07/2022

Date(s) live testing: 26/07/2022 To 26/07/2022

Tested by: Name (capital letters): LIAM KIMBLE Position: Electrical Test Engineer Date: 26/07/2022

Signature:

Wiring Types. A PVC/PVC, B PVC cables in metallic Conduit, C PVC cables in non-metallic Conduit, D PVC cables in metallic trunking, E PVC cables in non-metallic trunking, F PVC/SWA cables, G SWA/XPLE cables, H Mineral Insulated, MW Metal Work, FM Ferrous Metal, O Other
A/A1 - Single Core PVC Cables (4D1A), A/A2 - Multicore PVC Cables (4D2A), F/F1 - Single-core armoures PVC SWA Cables (4D3A), F/F2 - PVC SWA Cables (4D4A), A/A3 - PVC Twin & Earth (4D5), O/O1 - LSF single core cables 90°C rated (4E1A), O/O2 - Multi-core LSF cables 90°C rated (4E2A), G/G1 - Single-core armoured XLPE cables or 90°C rated (4E3A), G/G2 - Multi-core armoured XLPE cables or 90°C rated (4E4A), H/H1 - MICC exposed to touch (4G1A)

ELECTRICAL INSTALLATION CONDITION REPORT - Schedule of Tests

for Industrial/Commercial Premises

FT/EICR 110151231

Requirements for Electrical Installations
BS 7671:2018 (IET Wiring Regulations 18th Edition)

Company Name	PHS Compliance	**Company Address**	Kid Glove Road	**Postcode**	WA3 3GR	**Branch No.**	**Scheme No.**
Client	UPP Residential Services Ltd	**Installation Address**	Swansea University Bay Campus - Dryslwyn 1B & Nest 2, Reception - Ground Floor Tower Information Centre, Fabian Way, Crymlyn Burrows, Swansea, West Glamorgan	**Postcode**	SA1 8EN		

Distribution board details - Complete in every case

Location: Room 3 Riser [Schneider]
Designation: DB CL21/11-2
Num. of ways: 4 Num. of phases: 1
Supply polarity confirmed: ☑ Phase sequence confirmed: ☐

Complete only if the distribution board is not connected directly to the origin of the installation

Supply to distribution board is from: Sub Mains(DB CL21, 11/L1)
Overcurrent protective device for the distribution circuit: BS(EN) 61009 RCD/RCBO Type B Rating 32 A Voltage 230 V

Characteristics at this distribution board

Associated RCD(if any): BS (EN) 61008
Z_d 0.42 Ω No. of poles 2
I_{pf} 0.51 kA IΔn 30
Time delay (if applicable) N/A
Operating at 1 IΔn: Above 30mA 28.8 ms
Operating at 5 IΔn: 30mA or below 22.8 ms
(if applicable)

Test instrument serial number(s)

Loop impedance: 100701/4664
Insulation resistance: 100701/4664
Continuity: 100701/4664
RCD: 100701/4664

CIRCUIT DETAILS / TEST RESULTS

Circuit No. and Line No.	Distribution board Designation / Circuit designation	Type of wiring	Ref. method	No. of points	Circuit conductors csa (mm²) L / N	Circuit conductors csa (mm²) CPC	Maximum disconnection	Overcurrent protective devices BS EN Number	Type No.	Rating (A)	Breaking capacity (KA)	RCD operating (mA)	BS 7671 Max. permitted Zs Other 80% (Ω)	Circuit impedance Ω Ring final circuits only (measured end-to-end) r1	rn	r2	Fig 8 check (✓)	All circuits to be completed using R1R2 or R2, not both R1 + R2	R2	Insulation resistance (Record lower reading) Test voltage V	L/L, L/N M(Ω)	L/E, N/E M(Ω)	Polarity (✓)	Max. Measured Zs (Ω)	RCD testing Above 30mA IΔn ms	30mA or below 5 IΔn ms	Manual test button operation RCD (✓)	AFDD (✓)
1/L1	Sockets	A	B	6	2.5	1.5	0.4	60898 MCB	B	10	6	N/A	3.49	N/A	N/A	N/A	N/A	0.12	N/A	250	LIM	>299	✓	0.62	N/A	N/A	N/A	N/A
2/L1	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
3/L1	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
4/L1	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Details of circuits and/or installed equipment vulnerable to damage when testing

Date(s) dead testing: 26/07/2022 To 26/07/2022

Date(s) live testing: 26/07/2022 To 26/07/2022

Tested by: Name (capital letters): LIAM KIMBLE Position: Electrical Test Engineer Date: 26/07/2022

Signature:

Wiring Types. A PVC/PVC, B PVC cables in metallic Conduit, C PVC cables in non-metallic Conduit, D PVC cables in metallic trunking, E PVC cables in non-metallic trunking, F PVC/SWA cables, G SWA/XPLE cables, H Mineral Insulated, MW Metal Work, FM Ferrous Metal, O Other
A/A1 - Single Core PVC Cables (4D1A), A/A2 - Multicore PVC Cables (4D2A), F/F1 - Single-core armoures PVC SWA Cables (4D3A), F/F2 - PVC SWA Cables (4D4A), A/A3 - PVC Twin & Earth (4D5), O/O1 - LSF single core cables 90°C rated (4E1A), O/O2 - Multi-core LSF cables 90°C rated (4E2A), G/G1 - Single-core armoured XLPE cables or 90°C rated (4E3A), G/G2 - Multi-core armoured XLPE cables or 90°C rated (4E4A), H/H1 - MICC exposed to touch (4G1A)

ELECTRICAL INSTALLATION CONDITION REPORT - Schedule of Tests

for Industrial/Commercial Premises

FT/EICR 110151231

Requirements for Electrical Installations
BS 7671:2018 (IET Wiring Regulations 18th Edition)

Company Name	PHS Compliance	**Company Address**	Kid Glove Road	**Postcode**	WA3 3GR	**Branch No.**	**Scheme No.**
Client	UPP Residential Services Ltd	**Installation Address**	Swansea University Bay Campus - Dryslwyn 1B & Nest 2, Reception - Ground Floor Tower Information Centre, Fabian Way, Crymlyn Burrows, Swansea, West Glamorgan	**Postcode**	SA1 8EN		

Distribution board details - Complete in every case

Location: Room 7 Riser [Schneider]
Designation: DB CL21/12
Num. of ways: 4 Num. of phases: 1
Supply polarity confirmed: ☑ Phase sequence confirmed: ☐

Complete only if the distribution board is not connected directly to the origin of the installation

Supply to distribution board is from: Sub Mains(DB CL21, 12/L1)
Overcurrent protective device for the distribution circuit: BS(EN) 61009 RCD/RCBO Type B Rating 32 A Voltage 230 V

Characteristics at this distribution board

Associated RCD(if any): BS (EN) 61008
Z_d 0.38 Ω No. of poles 2
I_{pf} 0.61 kA IΔn 30
Time delay (if applicable) N/A
Operating at 1 IΔn: Above 30mA 28.2 ms
Operating at 5 IΔn: 30mA or below 26.2 ms
(if applicable)

Test instrument serial number(s)

Loop impedance: 100701/4664
Insulation resistance: 100701/4664
Continuity: 100701/4664
RCD: 100701/4664

CIRCUIT DETAILS / TEST RESULTS

Circuit No. and Line No.	Distribution board Designation / Circuit designation	Type of wiring	Ref. method	No. of points	Circuit conductors csa (mm²) L / N	Circuit conductors csa (mm²) CPC	Maximum disconnection	Overcurrent protective devices BS EN Number	Type No.	Rating (A)	Breaking capacity (KA)	RCD operating (mA)	BS 7671 Max. permitted Zs Other 80% (Ω)	Circuit impedance Ω Ring final circuits only (measured end-to-end) r1	rn	r2	Fig 8 check (✓)	All circuits to be completed using R1R2 or R2, not both R1 + R2	R2	Insulation resistance (Record lower reading) Test voltage V	L/L, L/N M(Ω)	L/E, N/E M(Ω)	Polarity (✓)	Max. Measured Zs (Ω)	RCD testing Above 30mA IΔn ms	30mA or below 5 IΔn ms	Manual test button operation RCD (✓)	AFDD (✓)
1/L1	Sockets	A	B	6	2.5	1.5	0.4	60898 MCB	B	10	6	N/A	3.49	N/A	N/A	N/A	N/A	0.10	N/A	250	LIM	>299	✓	0.52	N/A	N/A	N/A	N/A
2/L1	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
3/L1	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
4/L1	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Details of circuits and/or installed equipment vulnerable to damage when testing

Date(s) dead testing: 26/07/2022 To 26/07/2022

Date(s) live testing: 26/07/2022 To 26/07/2022

Tested by: Name (capital letters): LIAM KIMBLE Position: Electrical Test Engineer Date: 26/07/2022

Signature:

Wiring Types. A PVC/PVC, B PVC cables in metallic Conduit, C PVC cables in non-metallic Conduit, D PVC cables in metallic trunking, E PVC cables in non-metallic trunking, F PVC/SWA cables, G SWA/XPLE cables, H Mineral Insulated, MW Metal Work, FM Ferrous Metal, O Other
A/A1 - Single Core PVC Cables (4D1A), A/A2 - Multicore PVC Cables (4D2A), F/F1 - Single-core armoures PVC SWA Cables (4D3A), F/F2 - PVC SWA Cables (4D4A), A/A3 - PVC Twin & Earth (4D5), O/O1 - LSF single core cables 90°C rated (4E1A), O/O2 - Multi-core LSF cables 90°C rated (4E2A), G/G1 - Single-core armoured XLPE cables or 90°C rated (4E3A), G/G2 - Multi-core armoured XLPE cables or 90°C rated (4E4A), H/H1 - MICC exposed to touch (4G1A)

ELECTRICAL INSTALLATION CONDITION REPORT - Schedule of Tests

for Industrial/Commercial Premises

FT/EICR 110151231

Requirements for Electrical Installations
BS 7671:2018 (IET Wiring Regulations 18th Edition)

Company Name	PHS Compliance	**Company Address**	Kid Glove Road	**Postcode**	WA3 3GR	**Branch No.**	**Scheme No.**
Client	UPP Residential Services Ltd	**Installation Address**	Swansea University Bay Campus - Dryslwyn 1B & Nest 2, Reception - Ground Floor Tower Information Centre, Fabian Way, Crymlyn Burrows, Swansea, West Glamorgan	**Postcode**	SA1 8EN		

Distribution board details - Complete in every case

Location: Room 8 Riser [Schneider]
Designation: DB CL21/12-1
Num. of ways: 4 Num. of phases: 1
Supply polarity confirmed: ☑ Phase sequence confirmed: ☐

Complete only if the distribution board is not connected directly to the origin of the installation

Supply to distribution board is from: Sub Mains(DB CL21, 12/L1)
Overcurrent protective device for the distribution circuit: BS(EN) 61009 RCD/RCBO Type B Rating 32 A Voltage 230 V

Characteristics at this distribution board

Associated RCD(if any): BS (EN) 61008
Z_d 0.38 Ω No. of poles 2
I_{pf} 0.61 kA IΔn 30
Time delay (if applicable) N/A
Operating at 1 IΔn Above 30mA 28.2 ms
Operating at 5 IΔn 30mA or below 26.2 ms
(if applicable)

Test instrument serial number(s)

Loop impedance 100701/4664
Insulation resistance 100701/4664
Continuity 100701/4664
RCD 100701/4664

CIRCUIT DETAILS / TEST RESULTS

Circuit No. and Line No.	Distribution board Designation / Circuit designation	Type of wiring	Ref. method	No. of points	Circuit conductors csa (mm²) L / N	Circuit conductors csa (mm²) CPC	Maximum disconnection	Overcurrent protective devices BS EN Number	Type No.	Rating (A)	Breaking capacity (KA)	RCD operating (mA)	BS 7671 Max. permitted Zs Other 80% (Ω)	Circuit impedance Ω Ring final circuits only (measured end-to-end) r1	rn	r2	Fig 8 check (✓)	All circuits to be completed using R1R2 or R2, not both R1 + R2	R2	Insulation resistance (Record lower reading) Test voltage V	L/L, L/N M(Ω)	L/E, N/E M(Ω)	Polarity (✓)	Max. Measured Zs (Ω)	RCD testing Above 30mA IΔn ms	30mA or below 5 IΔn ms	Manual test button operation RCD (✓)	AFDD (✓)
1/L1	Sockets	A	B	6	2.5	1.5	0.4	60898 MCB	B	10	6	N/A	3.49	N/A	N/A	N/A	N/A	0.15	N/A	250	LIM	>299	✓	0.62	N/A	N/A	N/A	N/A
2/L1	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
3/L1	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
4/L1	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Details of circuits and/or installed equipment vulnerable to damage when testing

Date(s) dead testing 26/07/2022 To 26/07/2022

Date(s) live testing 26/07/2022 To 26/07/2022

Tested by: Name (capital letters) LIAM KIMBLE Position Electrical Test Engineer Date 26/07/2022

Signature

Wiring Types. A PVC/PVC, B PVC cables in metallic Conduit, C PVC cables in non-metallic Conduit, D PVC cables in metallic trunking, E PVC cables in non-metallic trunking, F PVC/SWA cables, G SWA/XPLE cables, H Mineral Insulated, MW Metal Work, FM Ferrous Metal, O Other
A/A1 - Single Core PVC Cables (4D1A), A/A2 - Multicore PVC Cables (4D2A), F/F1 - Single-core armoures PVC SWA Cables (4D3A), F/F2 - PVC SWA Cables (4D4A), A/A3 - PVC Twin & Earth (4D5), O/O1 - LSF single core cables 90°C rated (4E1A), O/O2 - Multi-core LSF cables 90°C rated (4E2A), G/G1 - Single-core armoured XLPE cables or 90°C rated (4E3A), G/G2 - Multi-core armoured XLPE cables or 90°C rated (4E4A), H/H1 - MICC exposed to touch (4G1A)

ELECTRICAL INSTALLATION CONDITION REPORT - Schedule of Tests

for Industrial/Commercial Premises

FT/EICR 110151231

Requirements for Electrical Installations
BS 7671:2018 (IET Wiring Regulations 18th Edition)

Company Name	PHS Compliance	**Company Address**	Kid Glove Road	**Postcode**	WA3 3GR	**Branch No.**	**Scheme No.**
Client	UPP Residential Services Ltd	**Installation Address**	Swansea University Bay Campus - Dryslwyn 1B & Nest 2, Reception - Ground Floor Tower Information Centre, Fabian Way, Crymlyn Burrows, Swansea, West Glamorgan	**Postcode**	SA1 8EN		

Distribution board details - Complete in every case

Location: Room 9 Riser [Schneider]
Designation: DB CL21/13
Num. of ways: 4 Num. of phases: 1
Supply polarity confirmed: ☑ Phase sequence confirmed: ☐

Complete only if the distribution board is not connected directly to the origin of the installation

Supply to distribution board is from: Sub Mains(DB CL21, 13/L1)
Overcurrent protective device for the distribution circuit: BS(EN) 61009 RCD/RCBO Type B Rating 32 A Voltage 230 V

Characteristics at this distribution board

Associated RCD(if any): BS (EN) 61008
Z_d 0.40 Ω No. of poles 2
I_{pf} 0.56 kA IΔn 30
Time delay (if applicable) N/A
Operating at 1 IΔn: Above 30mA 28.8 ms
Operating at 5 IΔn: 30mA or below 18.4 ms
(if applicable)

Test instrument serial number(s)

Loop impedance: 100701/4664
Insulation resistance: 100701/4664
Continuity: 100701/4664
RCD: 100701/4664

CIRCUIT DETAILS / TEST RESULTS

Circuit No. and Line No.	Distribution board Designation / Circuit designation	Type of wiring	Ref. method	No. of points	Circuit conductors csa (mm²) L / N	Circuit conductors csa (mm²) CPC	Maximum disconnection	Overcurrent protective devices BS EN Number	Type No.	Rating (A)	Breaking capacity (KA)	RCD operating (mA)	BS 7671 Max. permitted Zs Other 80% (Ω)	Circuit impedance Ω Ring final circuits only (measured end-to-end) r1	rn	r2	Fig 8 check (✓)	All circuits to be completed using R1R2 or R2, not both R1 + R2	R2	Insulation resistance (Record lower reading) Test voltage V	L/L, L/N M(Ω)	L/E, N/E M(Ω)	Polarity (✓)	Max. Measured Zs (Ω)	RCD testing Above 30mA IΔn ms	30mA or below 5 IΔn ms	Manual test button operation RCD (✓)	AFDD (✓)
1/L1	Sockets	A	B	6	2.5	1.5	0.4	60898 MCB	B	10	6	N/A	3.49	N/A	N/A	N/A	N/A	0.16	N/A	250	LIM	>299	✓	0.66	N/A	N/A	N/A	N/A
2/L1	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
3/L1	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
4/L1	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Details of circuits and/or installed equipment vulnerable to damage when testing

Date(s) dead testing: 26/07/2022 To 26/07/2022

Date(s) live testing: 26/07/2022 To 26/07/2022

Tested by: Name (capital letters): LIAM KIMBLE Position: Electrical Test Engineer Date: 26/07/2022

Signature:

Wiring Types. A PVC/PVC, B PVC cables in metallic Conduit, C PVC cables in non-metallic Conduit, D PVC cables in metallic trunking, E PVC cables in non-metallic trunking, F PVC/SWA cables, G SWA/XPLE cables, H Mineral Insulated, MW Metal Work, FM Ferrous Metal, O Other
A/A1 - Single Core PVC Cables (4D1A), A/A2 - Multicore PVC Cables (4D2A), F/F1 - Single-core armoures PVC SWA Cables (4D3A), F/F2 - PVC SWA Cables (4D4A), A/A3 - PVC Twin & Earth (4D5), O/O1 - LSF single core cables 90°C rated (4E1A), O/O2 - Multi-core LSF cables 90°C rated (4E2A), G/G1 - Single-core armoured XLPE cables or 90°C rated (4E3A), G/G2 - Multi-core armoured XLPE cables or 90°C rated (4E4A), H/H1 - MICC exposed to touch (4G1A)

ELECTRICAL INSTALLATION CONDITION REPORT - Schedule of Tests

for Industrial/Commercial Premises

FT/EICR 110151231

Requirements for Electrical Installations
BS 7671:2018 (IET Wiring Regulations 18th Edition)

Company Name	PHS Compliance	**Company Address**	Kid Glove Road	**Postcode**	WA3 3GR	**Branch No.**	**Scheme No.**
Client	UPP Residential Services Ltd	**Installation Address**	Swansea University Bay Campus - Dryslwyn 1B & Nest 2, Reception - Ground Floor Tower Information Centre, Fabian Way, Crymlyn Burrows, Swansea, West Glamorgan	**Postcode**	SA1 8EN		

Distribution board details - Complete in every case

Location: Room 10 Riser [Schneider]
Designation: DB CL21/13-1
Num. of ways: 4 Num. of phases: 1
Supply polarity confirmed: ☑ Phase sequence confirmed: ☐

Complete only if the distribution board is not connected directly to the origin of the installation

Supply to distribution board is from: Sub Mains(DB CL21, 13/L1)
Overcurrent protective device for the distribution circuit: BS(EN) 61009 RCD/RCBO Type B Rating 32 A Voltage 230 V

Characteristics at this distribution board

Associated RCD(if any): BS (EN) 61008
Z_d 0.40 Ω No. of poles 2
I_{pf} 0.56 kA IΔn 30
Time delay (if applicable) N/A
Operating at 1 IΔn: Above 30mA 28.8 ms
Operating at 5 IΔn: 30mA or below 18.4 ms
(if applicable)

Test instrument serial number(s)

Loop impedance: 100701/4664
Insulation resistance: 100701/4664
Continuity: 100701/4664
RCD: 100701/4664

CIRCUIT DETAILS / TEST RESULTS

Circuit No. and Line No.	Distribution board Designation / Circuit designation	Type of wiring	Ref. method	No. of points	Circuit conductors csa (mm²) L / N	Circuit conductors csa (mm²) CPC	Maximum disconnection	Overcurrent protective devices BS EN Number	Type No.	Rating (A)	Breaking capacity (KA)	RCD operating (mA)	BS 7671 Max. permitted Zs Other 80% (Ω)	Circuit impedance Ω Ring final circuits only (measured end-to-end) r1	rn	r2	Fig 8 check (✓)	All circuits to be completed using R1R2 or R2, not both R1 + R2	R2	Insulation resistance (Record lower reading) Test voltage V	L/L, L/N M(Ω)	L/E, N/E M(Ω)	Polarity (✓)	Max. Measured Zs (Ω)	RCD testing Above 30mA IΔn ms	30mA or below 5 IΔn ms	Manual test button operation RCD (✓)	AFDD (✓)
1/L1	Sockets	A	B	6	2.5	1.5	0.4	60898 MCB	B	10	6	N/A	3.49	N/A	N/A	N/A	N/A	0.14	N/A	250	LIM	>299	✓	0.58	N/A	N/A	N/A	N/A
2/L1	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
3/L1	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
4/L1	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Details of circuits and/or installed equipment vulnerable to damage when testing

Date(s) dead testing: 26/07/2022 To 26/07/2022

Date(s) live testing: 26/07/2022 To 26/07/2022

Tested by: Name (capital letters): LIAM KIMBLE Position: Electrical Test Engineer Date: 26/07/2022

Signature:

Wiring Types. A PVC/PVC, B PVC cables in metallic Conduit, C PVC cables in non-metallic Conduit, D PVC cables in metallic trunking, E PVC cables in non-metallic trunking, F PVC/SWA cables, G SWA/XPLE cables, H Mineral Insulated, MW Metal Work, FM Ferrous Metal, O Other
A/A1 - Single Core PVC Cables (4D1A), A/A2 - Multicore PVC Cables (4D2A), F/F1 - Single-core armoures PVC SWA Cables (4D3A), F/F2 - PVC SWA Cables (4D4A), A/A3 - PVC Twin & Earth (4D5), O/O1 - LSF single core cables 90°C rated (4E1A), O/O2 - Multi-core LSF cables 90°C rated (4E2A), G/G1 - Single-core armoured XLPE cables or 90°C rated (4E3A), G/G2 - Multi-core armoured XLPE cables or 90°C rated (4E4A), H/H1 - MICC exposed to touch (4G1A)

ELECTRICAL INSTALLATION CONDITION REPORT - Schedule of Tests

for Industrial/Commercial Premises

FT/EICR 110151231

Requirements for Electrical Installations
BS 7671:2018 (IET Wiring Regulations 18th Edition)

Company Name	PHS Compliance	**Company Address**	Kid Glove Road	**Postcode**	WA3 3GR	**Branch No.**	**Scheme No.**
Client	UPP Residential Services Ltd	**Installation Address**	Swansea University Bay Campus - Dryslwyn 1B & Nest 2, Reception - Ground Floor Tower Information Centre, Fabian Way, Crymlyn Burrows, Swansea, West Glamorgan	**Postcode**	SA1 8EN		

Distribution board details - Complete in every case

Location: Dryslwyn Riser [Schneider]
Designation: BB Dryslwyn
Num. of ways: 20 Num. of phases: 3
Supply polarity confirmed: ✓ Phase sequence confirmed: ✓

Complete only if the distribution board is not connected directly to the origin of the installation

Supply to distribution board is from: Sub Mains(MDB, 9/TP)
Overcurrent protective device for the distribution circuit: BS(EN) 60947 MCCB Type N/A Rating 200 A Voltage 400 V

Characteristics at this distribution board

Associated RCD(if any): BS (EN) N/A
Z_d 0.12 Ω No. of poles N/A
I_{pf} 3.8 kA IΔn N/A
Time delay (if applicable) N/A
Operating at 1 IΔn: Above 30mA N/A ms; 30mA or below N/A ms
Operating at 5 IΔn N/A ms (if applicable)

Test instrument serial number(s)

Loop impedance 100701/4664
Insulation resistance 100701/4664
Continuity 100701/4664
RCD 100701/4664

CIRCUIT DETAILS / TEST RESULTS

Circuit No. and Line No.	Distribution board Designation / Circuit designation	Type of wiring	Ref. method	No. of points	Circuit conductors csa (mm²) L / N	Circuit conductors csa (mm²) CPC	Maximum disconnection	Overcurrent protective devices BS EN Number	Type No.	Rating (A)	Breaking capacity (KA)	RCD operating (mA)	BS 7671 Max. permitted Zs Other 80% (Ω)	Circuit impedance Ω: Ring final circuits only (measured end-to-end) r1	rn	r2	Fig 8 check (✓)	All circuits to be completed using R1R2 or R2, not both: R1 + R2	R2	Insulation resistance (Record lower reading): Test voltage V	L/L, L/N M(Ω)	L/E, N/E M(Ω)	Polarity (✓)	Max. Measured Zs (Ω)	RCD testing: Above 30mA IΔn ms	30mA or below 5 IΔn ms	Manual test button operation: RCD (✓)	AFDD (✓)
1/TP	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
2/L1	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
2/L2	Sub Mains(DB CL4)	F	C	1	16	16	5	88-2 HRC	gG	63	80	N/A	0.62	N/A	N/A	N/A	N/A	0.01	N/A	250	LIM	>299	✓	0.14	N/A	N/A	N/A	N/A
2/L3	Sub Mains(DB CL5)	F	C	1	16	16	5	88-2 HRC	gG	63	80	N/A	0.62	N/A	N/A	N/A	N/A	0.02	N/A	250	LIM	>299	✓	0.10	N/A	N/A	N/A	N/A
3/TP	Sub Mains(DB LL1/P, DB LL1/L)	F	C	1	25	25	5	88-2 HRC	gG	100	80	N/A	0.33	N/A	N/A	N/A	N/A	0.04	N/A	250	LIM	>299	✓	0.12	N/A	N/A	N/A	N/A
4/L1	Sub Mains(DB CL8)	F	C	1	16	16	5	88-2 HRC	gG	63	80	N/A	0.62	N/A	N/A	N/A	N/A	0.02	N/A	250	LIM	>299	✓	0.10	N/A	N/A	N/A	N/A
4/L2	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
4/L3	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
5/L1	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
5/L2	Sub Mains(DB CL9)	F	C	1	16	16	5	88-2 HRC	gG	63	80	N/A	0.62	N/A	N/A	N/A	N/A	0.02	N/A	250	LIM	>299	✓	0.12	N/A	N/A	N/A	N/A
5/L3	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
6/L1	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
6/L2	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
6/L3	Sub Mains(DB CL12)	F	C	1	16	16	5	88-2 HRC	gG	63	80	N/A	0.62	N/A	N/A	N/A	N/A	0.04	N/A	250	LIM	>299	✓	0.10	N/A	N/A	N/A	N/A
7/L1	Sub Mains(DB CL13)	F	C	1	16	16	5	88-2 HRC	gG	63	80	N/A	0.62	N/A	N/A	N/A	N/A	0.01	N/A	250	LIM	>299	✓	0.12	N/A	N/A	N/A	N/A
7/L2	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
7/L3	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Details of circuits and/or installed equipment vulnerable to damage when testing

Date(s) dead testing: 17/08/2022 To: 17/08/2022
Date(s) live testing: 17/08/2022 To: 17/08/2022

Tested by: Name (capital letters): LIAM KIMBLE Position: Electrical Test Engineer Date: 17/08/2022
Signature

Wiring Types. A PVC/PVC, B PVC cables in metallic Conduit, C PVC cables in non-metallic Conduit, D PVC cables in metallic trunking, E PVC cables in non-metallic trunking, F PVC/SWA cables, G SWA/XPLE cables, H Mineral Insulated, MW Metal Work, FM Ferrous Metal, O Other
A/A1 - Single Core PVC Cables (4D1A), A/A2 - Multicore PVC Cables (4D2A), F/F1 - Single-core armoures PVC SWA Cables (4D3A), F/F2 - PVC SWA Cables (4D4A), A/A3 - PVC Twin & Earth (4D5), O/O1 - LSF single core cables 90°C rated (4E1A), O/O2 - Multi-core LSF cables 90°C rated (4E2A), G/G1 - Single-core armoured XLPE cables or 90°C rated (4E3A), G/G2 - Multi-core armoured XLPE cables or 90°C rated (4E4A), H/H1 - MICC exposed to touch (4G1A)

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ELECTRICAL INSTALLATION CONDITION REPORT - Schedule of Tests

FT/EICR 110151231

for Industrial/Commercial Premises

Requirements for Electrical Installations
BS 7671:2018 (IET Wiring Regulations 18th Edition)

CIRCUIT DETAILS														TEST RESULTS																
Circuit No. and Line No.	Distribution board Designation / Circuit designation	Type of wiring	Ref. method	No. of points	Circuit conductors csa (mm²)		Maximum disconnection	Overcurrent protective devices			Breaking capacity	RCD operating	BS 7671 Max. permitted Zs Other	Circuit impedance Ω						Insulation resistance (Record lower reading)			Polarity	Max. Measured Zs	RCD testing		Manual test button operation	
	BB Dryslwyn												80%	Ring final circuits only (measured end-to-end)			Fig 8 check	All circuits to be completed using R1R2 or R2, not both		Test voltage	L/L, L/N	L/E, N/E			Above 30mA IΔn	30mA or below 5 IΔn	RCD	AFDD
					L / N	CPC		BS EN Number	Type No.	Rating (A)	(KA)	(mA)	(Ω)	r1	rn	r2	(✓)	R1 + R2	R2	V	M(Ω)	M(Ω)	(✓)	Zs (Ω)	ms	ms	(✓)	(✓)
8/TP	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
9/L1	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
9/L2	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
9/L3	Sub Mains(DB CL16)	F	C	1	16	16	5	88-2 HRC	gG	63	80	N/A	0.62	N/A	N/A	N/A	N/A	0.02	N/A	250	LIM	>299	✓	0.10	N/A	N/A	N/A	N/A
10/L1	Sub Mains(DB CL17)	F	C	1	25	SWA	5	88-2 HRC	gG	63	80	N/A	0.62	N/A	N/A	N/A	N/A	0.04	N/A	250	LIM	>299	✓	0.12	N/A	N/A	N/A	N/A
10/L2	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/L3	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/L1	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/L2	Sub Mains(DB CL20)	A	B	1	16	16	5	88-2 HRC	gG	63	80	N/A	0.62	N/A	N/A	N/A	N/A	0.02	N/A	250	LIM	>299	✓	0.11	N/A	N/A	N/A	N/A
11/L3	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
12/TP	Sub Mains(DB LL3/L, DB LL3/P)	F	C	1	25	25	5	88-2 HRC	gG	100	80	N/A	0.33	N/A	N/A	N/A	N/A	0.04	N/A	250	LIM	>299	✓	0.10	N/A	N/A	N/A	N/A
13/TP	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
14/TP	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
15/TP	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
16/TP	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
17/TP	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
18/TP	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
19/TP	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
20/TP	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Details of circuits and/or installed equipment vulnerable to damage when testing

Date(s) dead testing 17/08/2022 To 17/08/2022

Date(s) live testing 17/08/2022 To 17/08/2022

Signature

Tested by: Name (capital letters) LIAM KIMBLE

Position Electrical Test Engineer

Date 17/08/2022

Wiring Types. A PVC/PVC, B PVC cables in metallic Conduit, C PVC cables in non-metallic Conduit, D PVC cables in metallic trunking, E PVC cables in non-metallic trunking, F PVC/SWA cables, G SWA/XPLE cables, H Mineral Insulated, MW Metal Work, FM Ferrous Metal, O Other
A/A1 - Single Core PVC Cables (4D1A), A/A2 - Multicore PVC Cables (4D2A), F/F1 - Single-core armoures PVC SWA Cables (4D3A), F/F2 - PVC SWA Cables (4D4A), A/A3 - PVC Twin & Earth (4D5), O/O1 - LSF single core cables 90°C rated (4E1A), O/O2 - Multi-core LSF cables 90°C rated (4E2A), G/G1 - Single-core armoured XLPE cables or 90°C rated (4E3A), G/G2 - Multi-core armoured XLPE cables or 90°C rated (4E4A), H/H1 - MICC exposed to touch (4G1A)

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ELECTRICAL INSTALLATION CONDITION REPORT - Schedule of Tests

for Industrial/Commercial Premises

FT/EICR 110151231

Requirements for Electrical Installations
BS 7671:2018 (IET Wiring Regulations 18th Edition)

Company Name	PHS Compliance	**Company Address**	Kid Glove Road	**Postcode**	WA3 3GR	**Branch No.**	**Scheme No.**
Client	UPP Residential Services Ltd	**Installation Address**	Swansea University Bay Campus - Dryslwyn 1B & Nest 2, Reception - Ground Floor Tower Information Centre, Fabian Way, Crymlyn Burrows, Swansea, West Glamorgan	**Postcode**	SA1 8EN		

Distribution board details - Complete in every case

Location: G Floor Riser NEst [Schneider]
Designation: BB Nest
Num. of ways: 12 Num. of phases: 3
Supply polarity confirmed: ✔ Phase sequence confirmed: ✔

Complete only if the distribution board is not connected directly to the origin of the installation

Supply to distribution board is from: Sub Mains(MDB, 8/TP)
Overcurrent protective device for the distribution circuit: BS(EN) 60947 MCCB Type N/A Rating 200 A Voltage 400/230 V
Time delay (if applicable) N/A

Characteristics at this distribution board

Associated RCD(if any): BS (EN) N/A
Z_d 0.16 Ω No. of poles N/A
I_{pf} 2.9 kA IΔn N/A
Operating at 1 IΔn: Above 30mA N/A ms
30mA or below
Operating at 5 IΔn N/A ms (if applicable)

Test instrument serial number(s)

Loop impedance 100701/4664
Insulation resistance 100701/4664
Continuity 100701/4664
RCD 100701/4664

CIRCUIT DETAILS / TEST RESULTS

Circuit No. and Line No.	Distribution board Designation: BB Nest / Circuit designation	Type of wiring	Ref. method	No. of points	Circuit conductors csa (mm²) L / N	Circuit conductors csa (mm²) CPC	Maximum disconnection	Overcurrent protective devices BS EN Number	Type No.	Rating (A)	Breaking capacity (KA)	RCD operating (mA)	BS 7671 Max. permitted Zs Other 80% (Ω)	Circuit impedance Ω: Ring final circuits only (measured end-to-end) r1	rn	r2	Fig 8 check (✓)	All circuits to be completed using R1R2 or R2, not both: R1 + R2	R2	Insulation resistance (Record lower reading) Test voltage V	L/L, L/N M(Ω)	L/E, N/E M(Ω)	Polarity (✓)	Max. Measured Zs (Ω)	RCD testing: Above 30mA IΔn ms	30mA or below 5 IΔn ms	Manual test button operation: RCD (✓)	AFDD (✓)
1/TP	Sub Mains(DB LL2/L, DB LL2/P)	F	C	1	25	25	5	88-2 HRC	gG	100	80	N/A	0.33	N/A	N/A	N/A	N/A	0.04	N/A	250	LIM	>299	✓	0.11	N/A	N/A	N/A	N/A
2/TP	Sub Mains(DB CL6)	A	E	1	25	25	5	88-2 HRC	gG	63	80	N/A	0.62	N/A	N/A	N/A	N/A	0.02	N/A	250	LIM	>299	✓	0.11	N/A	N/A	N/A	N/A
3/L1	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
3/L2	Sub Mains(DB CL7)	A	E	1	25	25	5	88-2 HRC	gG	63	80	N/A	0.62	N/A	N/A	N/A	N/A	0.02	N/A	250	LIM	>299	✓	0.14	N/A	N/A	N/A	N/A
3/L3	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
4/L1	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
4/L2	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
4/L3	Sub Mains(DB CL10)	A	E	1	25	25	5	88-2 HRC	gG	63	80	N/A	0.62	N/A	N/A	N/A	N/A	0.04	N/A	250	LIM	>299	✓	0.12	N/A	N/A	N/A	N/A
5/L1	Sub Mains(DB CL11)	A	E	1	25	25	5	88-2 HRC	gG	63	80	N/A	0.62	N/A	N/A	N/A	N/A	0.02	N/A	250	LIM	>299	✓	0.14	N/A	N/A	N/A	N/A
5/L2	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
5/L3	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
6/L1	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
6/L2	Sub Mains(DB CL14)	A	E	1	25	25	5	88-2 HRC	gG	63	80	N/A	0.62	N/A	N/A	N/A	N/A	0.04	N/A	250	LIM	>299	✓	0.15	N/A	N/A	N/A	N/A
6/L3	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
7/L1	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
7/L2	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
7/L3	Sub Mains(DB CL15)	A	E	1	25	25	5	88-2 HRC	gG	63	80	N/A	0.62	N/A	N/A	N/A	N/A	0.02	N/A	250	LIM	>299	✓	0.16	N/A	N/A	N/A	N/A

Details of circuits and/or installed equipment vulnerable to damage when testing

Date(s) dead testing: 15/08/2022 To: 15/08/2022

Date(s) live testing: 15/08/2022 To: 15/08/2022

Signature

Tested by: Name (capital letters): LIAM KIMBLE Position: Electrical Test Engineer Date: 15/08/2022

Wiring Types. A PVC/PVC, B PVC cables in metallic Conduit, C PVC cables in non-metallic Conduit, D PVC cables in metallic trunking, E PVC cables in non-metallic trunking, F PVC/SWA cables, G SWA/XPLE cables, H Mineral Insulated, MW Metal Work, FM Ferrous Metal, O Other
A/A1 - Single Core PVC Cables (4D1A), A/A2 - Multicore PVC Cables (4D2A), F/F1 - Single-core armoures PVC SWA Cables (4D3A), F/F2 - PVC SWA Cables (4D4A), A/A3 - PVC Twin & Earth (4D5), O/O1 - LSF single core cables 90°C rated (4E1A), O/O2 - Multi-core LSF cables 90°C rated (4E2A), G/G1 - Single-core armoured XLPE cables or 90°C rated (4E3A), G/G2 - Multi-core armoured XLPE cables or 90°C rated (4E4A), H/H1 - MICC exposed to touch (4G1A)

ELECTRICAL INSTALLATION CONDITION REPORT - Schedule of Tests

FT/EICR 110151231

for Industrial/Commercial Premises

Requirements for Electrical Installations
BS 7671:2018 (IET Wiring Regulations 18th Edition)

CIRCUIT DETAILS														TEST RESULTS																		
Circuit No. and Line No.	Distribution board Designation / Circuit designation	Type of wiring	Ref. method	No. of points	Circuit conductors csa (mm²) L / N	Circuit conductors csa (mm²) CPC	Maximum disconnection	Overcurrent protective devices BS EN Number	Type No.	Rating (A)	Breaking capacity (KA)	RCD operating (mA)	BS 7671 Max. permitted Zs Other 80% (Ω)	Circuit impedance Ω Ring final circuits only (measured end-to-end) r1	rn	r2	Fig 8 check (✓)	All circuits to be completed using R1R2 or R2, not both R1 + R2	R2	Insulation resistance (Record lower reading) Test voltage V	L/L, L/N M(Ω)	L/E, N/E M(Ω)	Polarity (✓)	Max. Measured Zs (Ω)	RCD testing Above 30mA IΔn ms	30mA or below 5 IΔn ms	Manual test button operation RCD (✓)	AFDD (✓)
8/TP	Sub Mains(DB LL4/L, DB LL4/P)	A	E	1	25	25	5	88-2 HRC	gG	100	80	N/A	0.33	N/A	N/A	N/A	N/A	0.02	N/A	250	LIM	>299	✓	0.12	N/A	N/A	N/A	N/A
9/L1	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
9/L2	Sub Mains(DB CL18)	A	E	1	25	25	5	88-2 HRC	gG	63	80	N/A	0.62	N/A	N/A	N/A	N/A	0.04	N/A	250	LIM	>299	✓	0.14	N/A	N/A	N/A	N/A
9/L3	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/L1	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/L2	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/L3	Sub Mains(DB CL19)	A	E	1	25	25	5	88-2 HRC	gG	63	80	N/A	0.62	N/A	N/A	N/A	N/A	0.02	N/A	250	LIM	>299	✓	0.14	N/A	N/A	N/A	N/A
11/TP	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
12/TP	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Details of circuits and/or installed equipment vulnerable to damage when testing

Date(s) dead testing 15/08/2022 To 15/08/2022

Date(s) live testing 15/08/2022 To 15/08/2022

Tested by: Name (capital letters) LIAM KIMBLE Position Electrical Test Engineer Date 15/08/2022

Signature

Wiring Types. A PVC/PVC, B PVC cables in metallic Conduit, C PVC cables in non-metallic Conduit, D PVC cables in metallic trunking, E PVC cables in non-metallic trunking, F PVC/SWA cables, G SWA/XPLE cables, H Mineral Insulated, MW Metal Work, FM Ferrous Metal, O Other
A/A1 - Single Core PVC Cables (4D1A), A/A2 - Multicore PVC Cables (4D2A), F/F1 - Single-core armoures PVC SWA Cables (4D3A), F/F2 - PVC SWA Cables (4D4A), A/A3 - PVC Twin & Earth (4D5), O/O1 - LSF single core cables 90°C rated (4E1A), O/O2 - Multi-core LSF cables 90°C rated (4E2A), G/G1 - Single-core armoured XLPE cables or 90°C rated (4E3A), G/G2 - Multi-core armoured XLPE cables or 90°C rated (4E4A), H/H1 - MICC exposed to touch (4G1A)

ELECTRICAL INSTALLATION CONDITION REPORT - Schedule of Tests

for Industrial/Commercial Premises

FT/EICR 110151231

Requirements for Electrical Installations
BS 7671:2018 (IET Wiring Regulations 18th Edition)

Company Name	PHS Compliance	**Company Address**	Kid Glove Road	**Postcode**	WA3 3GR	**Branch No.**	**Scheme No.**
Client	UPP Residential Services Ltd	**Installation Address**	Swansea University Bay Campus - Dryslwyn 1B & Nest 2, Reception - Ground Floor Tower Information Centre, Fabian Way, Crymlyn Burrows, Swansea, West Glamorgan	**Postcode**	SA1 8EN		

Distribution board details - Complete in every case

Location: FLat 2 Nest [Schneider]
Designation: DB CL3
Num. of ways: 18 Num. of phases: 1
Supply polarity confirmed: ☑ Phase sequence confirmed: ☐

Complete only if the distribution board is not connected directly to the origin of the installation

Supply to distribution board is from: Sub Mains(MDB, 10/L1)
Overcurrent protective device for the distribution circuit: BS(EN) 60947 MCCB; Type N/A; Rating 63 A; Voltage 230 V
Time delay (if applicable): N/A

Characteristics at this distribution board

Associated RCD(if any): BS (EN) N/A
Z_d 0.14 Ω; I_{pf} 1.77 kA; No. of poles N/A; IΔn N/A
Operating at 1 IΔn: Above 30mA N/A ms; 30mA or below
Operating at 5 IΔn: N/A ms (if applicable)

Test instrument serial number(s)

Loop impedance: 100701/4664
Insulation resistance: 100701/4664
Continuity: 100701/4664
RCD: 100701/4664

CIRCUIT DETAILS / TEST RESULTS

Circuit No. and Line No.	Distribution board Designation / Circuit designation	Type of wiring	Ref. method	No. of points	Circuit conductors csa (mm²) L / N	Circuit conductors csa (mm²) CPC	Maximum disconnection	Overcurrent protective devices BS EN Number	Type No.	Rating (A)	Breaking capacity (KA)	RCD operating (mA)	BS 7671 Max. permitted Zs Other 80% (Ω)	Circuit impedance Ω: Ring final circuits only (measured end-to-end) r1	rn	r2	Fig 8 check (✓)	All circuits to be completed using R1R2 or R2, not both: R1 + R2	R2	Insulation resistance (Record lower reading) Test voltage V	L/L, L/N M(Ω)	L/E, N/E M(Ω)	Polarity (✓)	Max. Measured Zs (Ω)	RCD testing: Above 30mA IΔn ms	30mA or below 5 IΔn ms	Manual test button operation: RCD (✓)	AFDD (✓)
1/L1	Bedroom Lighting 5,6,7	A	B	12	1.5	1	0.4	61009 RCD/RCBO	C	10	10	30	1.75	N/A	N/A	N/A	N/A	0.57	N/A	250	LIM	>299	✓	0.83	28.4	27.4	✓	N/A
2/L1	Bedroom Lighting 1,2,3	A	B	12	1.5	1	0.4	61009 RCD/RCBO	C	10	10	30	1.75	N/A	N/A	N/A	N/A	0.43	N/A	250	LIM	>299	✓	0.65	28.8	27.2	✓	N/A
3/L1	Common Room Lights	A	B	6	1.5	1	0.4	61009 RCD/RCBO	C	10	10	30	1.75	N/A	N/A	N/A	N/A	0.25	N/A	250	LIM	>299	✓	0.39	28.4	27.9	✓	N/A
4/L1	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
5/L1	Common Room Ring	A	B	8	2x2.5	2x1.5	0.4	61009 RCD/RCBO	B	32	10	30	1.09	0.34	0.34	0.48	✓	0.21	N/A	250	LIM	>299	✓	0.40	32.0	27.4	✓	N/A
6/L1	Common Room Ring 2	A	B	6	2x2.5	2x1.5	0.4	61009 RCD/RCBO	B	32	10	30	1.09	0.30	0.30	0.44	✓	0.19	N/A	250	LIM	>299	✓	0.35	28.8	28.0	✓	N/A
7/L1	Isolated	A	B	1	10	4	0.4	61009 RCD/RCBO	B	32	10	30	1.09	N/A	N/A	N/A	N/A	LIM	N/A	250	LIM	>299	LIM	LIM	LIM	LIM	LIM	N/A
8/L1	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
9/L1	Sub Mains(DB CL3/9, DB CL3/9-1, DB CL3/9-2)	A	B	3	2x2.5	2x1.5	5	61009 RCD/RCBO	B	32	10	30	1.09	0.42	0.42	0.55	✓	0.24	N/A	250	LIM	>299	✓	0.36	27.4	27.2	✓	N/A
10/L1	Sub Mains(DB CL3/10, DB CL3/10-1, DB CL3/10-2)	A	B	3	2x2.5	2x1.5	5	61009 RCD/RCBO	B	32	10	30	1.09	0.37	0.37	0.48	✓	0.21	N/A	250	LIM	>299	✓	0.34	28.4	26.5	✓	N/A
11/L1	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
12/L1	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
13/L1	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
14/L1	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
15/L1	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Details of circuits and/or installed equipment vulnerable to damage when testing

Date(s) dead testing: 01/08/2022 To 01/08/2022

Date(s) live testing: 01/08/2022 To 01/08/2022

Tested by: Name (capital letters): LIAM KIMBLE Position: Electrical Test Engineer Date: 01/08/2022

Signature

Wiring Types. A PVC/PVC, B PVC cables in metallic Conduit, C PVC cables in non-metallic Conduit, D PVC cables in metallic trunking, E PVC cables in non-metallic trunking, F PVC/SWA cables, G SWA/XPLE cables, H Mineral Insulated, MW Metal Work, FM Ferrous Metal, O Other
A/A1 - Single Core PVC Cables (4D1A), A/A2 - Multicore PVC Cables (4D2A), F/F1 - Single-core armoures PVC SWA Cables (4D3A), F/F2 - PVC SWA Cables (4D4A), A/A3 - PVC Twin & Earth (4D5), O/O1 - LSF single core cables 90°C rated (4E1A), O/O2 - Multi-core LSF cables 90°C rated (4E2A), G/G1 - Single-core armoured XLPE cables or 90°C rated (4E3A), G/G2 - Multi-core armoured XLPE cables or 90°C rated (4E4A), H/H1 - MICC exposed to touch (4G1A)

ELECTRICAL INSTALLATION CONDITION REPORT - Schedule of Tests

FT/EICR 110151231

for Industrial/Commercial Premises

Requirements for Electrical Installations
BS 7671:2018 (IET Wiring Regulations 18th Edition)

CIRCUIT DETAILS														TEST RESULTS																
Circuit No. and Line No.	Distribution board Designation: DB CL3 Circuit designation	Type of wiring	Ref. method	No. of points	Circuit conductors csa (mm²) L / N	Circuit conductors csa (mm²) CPC	Maximum disconnection	Overcurrent protective devices BS EN Number	Overcurrent protective devices Type No.	Overcurrent protective devices Rating (A)	Breaking capacity (KA)	RCD operating (mA)	BS 7671 Max. permitted Zs Other 80% (Ω)	Circuit impedance Ω: Ring final circuits only (measured end-to-end) r1	rn	r2	Fig 8 check (✓)	All circuits to be completed using R1R2 or R2, not both: R1 + R2	R2	Insulation resistance (Record lower reading): Test voltage V	L/L, L/N M(Ω)	L/E, N/E M(Ω)	Polarity (✓)	Max. Measured Zs (Ω)	RCD testing: Above 30mA IΔn ms	30mA or below 5 IΔn ms	Manual test button operation: RCD (✓)	AFDD (✓)
16/L1	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
17/L1	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
18/L1	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Details of circuits and/or installed equipment vulnerable to damage when testing

Date(s) dead testing 01/08/2022 To 01/08/2022

Date(s) live testing 01/08/2022 To 01/08/2022

Tested by: Name (capital letters) LIAM KIMBLE Position Electrical Test Engineer Date 01/08/2022

Signature

Wiring Types. A PVC/PVC, B PVC cables in metallic Conduit, C PVC cables in non-metallic Conduit, D PVC cables in metallic trunking, E PVC cables in non-metallic trunking, F PVC/SWA cables, G SWA/XPLE cables, H Mineral Insulated, MW Metal Work, FM Ferrous Metal, O Other
A/A1 - Single Core PVC Cables (4D1A), A/A2 - Multicore PVC Cables (4D2A), F/F1 - Single-core armoures PVC SWA Cables (4D3A), F/F2 - PVC SWA Cables (4D4A), A/A3 - PVC Twin & Earth (4D5), O/O1 - LSF single core cables 90°C rated (4E1A), O/O2 - Multi-core LSF cables 90°C rated (4E2A), G/G1 - Single-core armoured XLPE cables or 90°C rated (4E3A), G/G2 - Multi-core armoured XLPE cables or 90°C rated (4E4A), H/H1 - MICC exposed to touch (4G1A)

ELECTRICAL INSTALLATION CONDITION REPORT - Schedule of Tests

for Industrial/Commercial Premises

FT/EICR 110151231

Requirements for Electrical Installations
BS 7671:2018 (IET Wiring Regulations 18th Edition)

Company Name	PHS Compliance	**Company Address**	Kid Glove Road	**Postcode**	WA3 3GR	**Branch No.**	**Scheme No.**
Client	UPP Residential Services Ltd	**Installation Address**	Swansea University Bay Campus - Dryslwyn 1B & Nest 2, Reception - Ground Floor Tower Information Centre, Fabian Way, Crymlyn Burrows, Swansea, West Glamorgan	**Postcode**	SA1 8EN		

Distribution board details - Complete in every case

Location: Flat 1 Nest [Schneider]
Designation: DB CL2
Num. of ways: 18 Num. of phases: 1
Supply polarity confirmed: ☑ Phase sequence confirmed: ☐

Complete only if the distribution board is not connected directly to the origin of the installation

Supply to distribution board is from: Sub Mains(MDB, 10/L2)
Overcurrent protective device for the distribution circuit: BS(EN) 60947 MCCB Type N/A Rating 63 A Voltage 230 V
Time delay (if applicable) N/A

Characteristics at this distribution board

Associated RCD(if any): BS (EN) N/A
Z_d 0.11 Ω No. of poles N/A
I_{pf} 2.2 kA IΔn N/A
Operating at 1 IΔn Above 30mA N/A ms
Operating at 5 IΔn 30mA or below N/A ms
(if applicable)

Test instrument serial number(s)

Loop impedance 100701/4664
Insulation resistance 100701/4664
Continuity 100701/4664
RCD 100701/4664

CIRCUIT DETAILS / TEST RESULTS

Circuit No. and Line No.	Distribution board Designation / Circuit designation	Type of wiring	Ref. method	No. of points	Circuit conductors csa (mm²) L / N	Circuit conductors csa (mm²) CPC	Maximum disconnection	Overcurrent protective devices BS EN Number	Type No.	Rating (A)	Breaking capacity (KA)	RCD operating (mA)	BS 7671 Max. permitted Zs Other 80% (Ω)	Circuit impedance Ω: Ring final circuits only (measured end-to-end) r1	rn	r2	Fig 8 check (✓)	All circuits to be completed using R1R2 or R2, not both: R1 + R2	R2	Insulation resistance (Record lower reading): Test voltage V	L/L, L/N M(Ω)	L/E, N/E M(Ω)	Polarity (✓)	Max. Measured Zs (Ω)	RCD testing: Above 30mA IΔn ms	30mA or below 5 IΔn ms	Manual test button operation: RCD (✓)	AFDD (✓)
1/L2	Bedroom Lighting 4,5,6	A	B	12	1.5	1	0.4	61009 RCD/RCBO	C	10	10	30	1.75	N/A	N/A	N/A	N/A	0.36	N/A	250	LIM	>299	✓	0.48	28.5	26.0	✓	N/A
2/L2	Bedroom Lighting 1,2,3	A	B	12	1.5	1	0.4	61009 RCD/RCBO	C	10	10	30	1.75	N/A	N/A	N/A	N/A	0.30	N/A	250	LIM	>299	✓	0.52	28.8	27.2	✓	N/A
3/L2	Bedroom Lighting 7,8,9	A	B	12	1.5	1	0.4	61009 RCD/RCBO	C	10	10	30	1.75	N/A	N/A	N/A	N/A	0.42	N/A	250	LIM	>299	✓	0.55	27.2	22.4	✓	N/A
4/L2	Common Room Lighting	A	B	6	1.5	1	0.4	61009 RCD/RCBO	C	10	10	30	1.75	N/A	N/A	N/A	N/A	0.22	N/A	250	LIM	>299	✓	0.37	28.5	20.4	✓	N/A
5/L2	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
6/L2	Common Room Ring 1	A	B	10	2x2.5	2x1.5	0.4	61009 RCD/RCBO	B	32	10	30	1.09	0.32	0.32	0.48	✓	0.20	N/A	250	LIM	>299	✓	0.35	32.6	27.0	✓	N/A
7/L2	Common Room Ring 2	A	B	6	2x2.5	2x1.5	0.4	61009 RCD/RCBO	B	32	10	30	1.09	0.35	0.35	0.55	✓	0.22	N/A	250	LIM	>299	✓	0.42	28.4	19.5	✓	N/A
8/L2	Isolated	A	B	LIM	10	4	0.4	61009 RCD/RCBO	B	32	10	30	1.09	N/A	N/A	N/A	N/A	LIM	N/A	250	LIM	>299	LIM	LIM	LIM	LIM	LIM	N/A
9/L2	Isolated	A	B	LIM	10	4	0.4	61009 RCD/RCBO	B	32	10	30	1.09	N/A	N/A	N/A	N/A	LIM	N/A	250	LIM	>299	LIM	LIM	LIM	LIM	LIM	N/A
10/L2	Sub Mains(DB CL2/10, DB CL2/10-1, DB CL2/10-2)	A	B	3	2x2.5	2x1.5	5	61009 RCD/RCBO	B	32	10	30	1.09	0.47	0.47	0.64	✓	0.28	N/A	250	LIM	>299	✓	0.40	28.8	27.6	✓	N/A
11/L2	Sub Mains(DB CL2/11, DB CL2/11-1, DB CL2/11-2)	A	B	3	2x2.5	2x1.5	5	61009 RCD/RCBO	B	32	10	30	1.09	0.52	0.52	0.66	✓	0.30	N/A	250	LIM	>299	✓	0.46	28.8	27.2	✓	N/A
12/L2	Sub Mains(DB CL2/12, DB CL2/12-1, DB CL2/12-2)	A	B	3	2x2.5	2x1.5	5	61009 RCD/RCBO	B	32	10	30	1.09	0.39	0.42	0.50	✓	0.22	N/A	250	LIM	>299	✓	0.36	28.4	18.5	✓	N/A
13/L2	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
14/L2	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Details of circuits and/or installed equipment vulnerable to damage when testing
Date(s) dead testing 01/08/2022 To 01/08/2022
Date(s) live testing 01/08/2022 To 01/08/2022

Tested by: Name (capital letters) LIAM KIMBLE Position Electrical Test Engineer Date 01/08/2022
Signature

Wiring Types. A PVC/PVC, B PVC cables in metallic Conduit, C PVC cables in non-metallic Conduit, D PVC cables in metallic trunking, E PVC cables in non-metallic trunking, F PVC/SWA cables, G SWA/XPLE cables, H Mineral Insulated, MW Metal Work, FM Ferrous Metal, O Other
A/A1 - Single Core PVC Cables (4D1A), A/A2 - Multicore PVC Cables (4D2A), F/F1 - Single-core armoures PVC SWA Cables (4D3A), F/F2 - PVC SWA Cables (4D4A), A/A3 - PVC Twin & Earth (4D5), O/O1 - LSF single core cables 90°C rated (4E1A), O/O2 - Multi-core LSF cables 90°C rated (4E2A), G/G1 - Single-core armoured XLPE cables or 90°C rated (4E3A), G/G2 - Multi-core armoured XLPE cables or 90°C rated (4E4A), H/H1 - MICC exposed to touch (4G1A)

ELECTRICAL INSTALLATION CONDITION REPORT - Schedule of Tests

FT/EICR 110151231

for Industrial/Commercial Premises

Requirements for Electrical Installations
BS 7671:2018 (IET Wiring Regulations 18th Edition)

CIRCUIT DETAILS / TEST RESULTS

Circuit No. and Line No.	Distribution board Designation / Circuit designation	Type of wiring	Ref. method	No. of points	Circuit conductors csa (mm²) L / N	Circuit conductors csa (mm²) CPC	Maximum disconnection	Overcurrent protective devices BS EN Number	Overcurrent protective devices Type No.	Overcurrent protective devices Rating (A)	Breaking capacity (KA)	RCD operating (mA)	BS 7671 Max. permitted Zs Other 80% (Ω)	Circuit impedance Ω Ring final circuits only (measured end-to-end) r1	r2	rn	Fig 8 check (✓)	All circuits to be completed using R1R2 or R2, not both R1 + R2	R2	Insulation resistance (Record lower reading) Test voltage V	L/L, L/N M(Ω)	L/E, N/E M(Ω)	Polarity (✓)	Max. Measured Zs (Ω)	RCD testing Above 30mA IΔn ms	30mA or below 5 IΔn ms	Manual test button operation RCD (✓)	AFDD (✓)
15/L2	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
16/L2	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
17/L2	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
18/L2	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Details of circuits and/or installed equipment vulnerable to damage when testing

Date(s) dead testing 01/08/2022 To 01/08/2022

Date(s) live testing 01/08/2022 To 01/08/2022

Tested by: Name (capital letters) LIAM KIMBLE

Position Electrical Test Engineer

Date 01/08/2022

Signature

Wiring Types. A PVC/PVC, B PVC cables in metallic Conduit, C PVC cables in non-metallic Conduit, D PVC cables in metallic trunking, E PVC cables in non-metallic trunking, F PVC/SWA cables, G SWA/XPLE cables, H Mineral Insulated, MW Metal Work, FM Ferrous Metal, O Other
A/A1 - Single Core PVC Cables (4D1A), A/A2 - Multicore PVC Cables (4D2A), F/F1 - Single-core armoures PVC SWA Cables (4D3A), F/F2 - PVC SWA Cables (4D4A), A/A3 - PVC Twin & Earth (4D5), O/O1 - LSF single core cables 90°C rated (4E1A), O/O2 - Multi-core LSF cables 90°C rated (4E2A), G/G1 - Single-core armoured XLPE cables or 90°C rated (4E3A), G/G2 - Multi-core armoured XLPE cables or 90°C rated (4E4A), H/H1 - MICC exposed to touch (4G1A)

ELECTRICAL INSTALLATION CONDITION REPORT - Schedule of Tests

for Industrial/Commercial Premises

FT/EICR 110151231

Requirements for Electrical Installations
BS 7671:2018 (IET Wiring Regulations 18th Edition)

Company Name	PHS Compliance	**Company Address**	Kid Glove Road	**Postcode**	WA3 3GR	**Branch No.**	**Scheme No.**
Client	UPP Residential Services Ltd	**Installation Address**	Swansea University Bay Campus - Dryslwyn 1B & Nest 2, Reception - Ground Floor Tower Information Centre, Fabian Way, Crymlyn Burrows, Swansea, West Glamorgan	**Postcode**	SA1 8EN		

Distribution board details - Complete in every case

Location: Flat 1 Kitchen Dryslwyn [Schneider]
Designation: DB CL1
Num. of ways: 21 Num. of phases: 1
Supply polarity confirmed: ☑ Phase sequence confirmed: ☐

Complete only if the distribution board is not connected directly to the origin of the installation

Supply to distribution board is from: Sub Mains(MDB, 10/L3)
Overcurrent protective device for the distribution circuit: BS(EN) 60947 MCCB Type N/A Rating 80 A Voltage 230 V

Characteristics at this distribution board

Associated RCD(if any): BS (EN) N/A
Z_d 0.16 Ω No. of poles N/A
I_{pf} 1.5 kA IΔn N/A
Time delay (if applicable) N/A
Operating at 1 IΔn: Above 30mA N/A ms
Operating at 5 IΔn: 30mA or below N/A ms
(if applicable)

Test instrument serial number(s)

Loop impedance 100701/4664
Insulation resistance 100701/4664
Continuity 100701/4664
RCD 100701/4664

CIRCUIT DETAILS / TEST RESULTS

Circuit No. and Line No.	Distribution board Designation / Circuit designation	Type of wiring	Ref. method	No. of points	Circuit conductors csa (mm²) L / N	Circuit conductors csa (mm²) CPC	Maximum disconnection	Overcurrent protective devices BS EN Number	Type No.	Rating (A)	Breaking capacity (KA)	RCD operating (mA)	BS 7671 Max. permitted Zs Other 80% (Ω)	Circuit impedance Ω Ring final circuits only (measured end-to-end) r1	rn	r2	Fig 8 check (✓)	All circuits to be completed using R1R2 or R2, not both R1 + R2	R2	Insulation resistance (Record lower reading) Test voltage V	L/L, L/N M(Ω)	L/E, N/E M(Ω)	Polarity (✓)	Max. Measured Zs (Ω)	RCD testing Above 30mA IΔn ms	30mA or below 5 IΔn ms	Manual test button operation RCD (✓)	AFDD (✓)
1/L3	Bedroom Lighting 1	A	B	8	1.5	1	0.4	61009 RCD/RCBO	C	10	10	30	1.75	N/A	N/A	N/A	N/A	0.24	N/A	250	LIM	>299	✓	0.52	28.8	26.2	✓	N/A
2/L3	Bedroom Lighting 2	A	B	8	1.5	1	0.4	61009 RCD/RCBO	C	10	10	30	1.75	N/A	N/A	N/A	N/A	0.12	N/A	250	LIM	>299	✓	0.31	32.0	27.9	✓	N/A
3/L3	Bedroom Lighting 3	A	B	8	1.5	1	0.4	61009 RCD/RCBO	C	10	10	30	1.75	N/A	N/A	N/A	N/A	0.28	N/A	250	LIM	>299	✓	0.44	28.4	30.2	✓	N/A
4/L3	Bedroom Lighting 4	A	B	8	1.5	1	0.4	61009 RCD/RCBO	C	10	10	30	1.75	N/A	N/A	N/A	N/A	0.31	N/A	250	LIM	>299	✓	0.56	28.2	27.2	✓	N/A
5/L3	Bedroom Lighting 5	A	B	8	1.5	1	0.4	61009 RCD/RCBO	C	10	10	30	1.75	N/A	N/A	N/A	N/A	0.24	N/A	250	LIM	>299	✓	0.55	28.8	27.0	✓	N/A
6/L3	Common room Lighting	A	B	6	1.5	1	0.4	61009 RCD/RCBO	C	10	10	30	1.75	N/A	N/A	N/A	N/A	0.31	N/A	250	LIM	>299	✓	0.62	32.4	19.8	✓	N/A
7/L3	Common Room Ring 1	A	B	6	2x2.5	2x1.5	0.4	61009 RCD/RCBO	B	32	10	30	1.09	0.19	0.19	0.32	✓	0.14	N/A	250	LIM	>299	✓	0.36	28.4	24.0	✓	N/A
8/L3	Common Room Ring 2	A	B	10	2x2.5	2x1.5	0.4	61009 RCD/RCBO	B	32	10	30	1.09	0.25	0.25	0.35	✓	0.15	N/A	250	LIM	>299	✓	0.32	28.8	26.4	✓	N/A
9/L3	Hob 1	A	B	1	10	4	0.4	61009 RCD/RCBO	B	32	10	30	1.09	N/A	N/A	N/A	N/A	0.14	N/A	250	LIM	>299	✓	0.29	25.2	27.2	✓	N/A
10/L3	Hob 2	A	B	1	10	4	0.4	61009 RCD/RCBO	B	32	10	30	1.09	N/A	N/A	N/A	N/A	0.14	N/A	250	LIM	>299	✓	0.29	28.4	19.3	✓	N/A
11/L3	Sub Mains(DB CL1/11, DB CL1/11-1)	A	B	2	2x2.5	2x1.5	5	61009 RCD/RCBO	B	32	10	30	1.09	0.28	0.28	0.42	✓	0.18	N/A	250	LIM	>299	✓	0.30	28.4	26.4	✓	N/A
12/L3	Sub Mains(DB CL1/12, DB CL1/12-1, DB CL1/12-2)	A	B	3	2x2.5	2x1.5	5	61009 RCD/RCBO	B	32	10	30	1.09	0.32	0.32	0.52	✓	0.21	N/A	250	LIM	>299	✓	0.34	28.4	26.2	✓	N/A
13/L3	Sub Mains(DB CL1/13, DB CL1/13-1)	A	B	2	2x2.5	2x1.5	5	61009 RCD/RCBO	B	32	10	30	1.09	0.30	0.30	0.42	✓	0.18	N/A	250	LIM	>299	✓	0.32	28.8	27.2	✓	N/A

Details of circuits and/or installed equipment vulnerable to damage when testing

Date(s) dead testing: 28/07/2022 To 28/07/2022

Date(s) live testing: 28/07/2022 To 28/07/2022

Signature

Tested by: Name (capital letters): LIAM KIMBLE Position: Electrical Test Engineer Date: 28/07/2022

Wiring Types. A PVC/PVC, B PVC cables in metallic Conduit, C PVC cables in non-metallic Conduit, D PVC cables in metallic trunking, E PVC cables in non-metallic trunking, F PVC/SWA cables, G SWA/XPLE cables, H Mineral Insulated, MW Metal Work, FM Ferrous Metal, O Other
A/A1 - Single Core PVC Cables (4D1A), A/A2 - Multicore PVC Cables (4D2A), F/F1 - Single-core armoures PVC SWA Cables (4D3A), F/F2 - PVC SWA Cables (4D4A), A/A3 - PVC Twin & Earth (4D5), O/O1 - LSF single core cables 90°C rated (4E1A), O/O2 - Multi-core LSF cables 90°C rated (4E2A), G/G1 - Single-core armoured XLPE cables or 90°C rated (4E3A), G/G2 - Multi-core armoured XLPE cables or 90°C rated (4E4A), H/H1 - MICC exposed to touch (4G1A)

ELECTRICAL INSTALLATION CONDITION REPORT - Schedule of Tests

FT/EICR 110151231

for Industrial/Commercial Premises

Requirements for Electrical Installations
BS 7671:2018 (IET Wiring Regulations 18th Edition)

CIRCUIT DETAILS / TEST RESULTS

Circuit No. and Line No.	Distribution board Designation / Circuit designation	Type of wiring	Ref. method	No. of points	Circuit conductors csa (mm²) L / N	Circuit conductors csa (mm²) CPC	Maximum disconnection	Overcurrent protective devices BS EN Number	Overcurrent protective devices Type No.	Overcurrent protective devices Rating (A)	Breaking capacity (KA)	RCD operating (mA)	BS 7671 Max. permitted Zs Other 80% (Ω)	Circuit impedance Ω Ring final circuits only (measured end-to-end) r1	r2	rn	Fig 8 check (✓)	All circuits to be completed using R1R2 or R2, not both R1 + R2	R2	Insulation resistance (Record lower reading) Test voltage V	L/L, L/N M(Ω)	L/E, N/E M(Ω)	Polarity (✓)	Max. Measured Zs (Ω)	RCD testing Above 30mA IΔn ms	30mA or below 5 IΔn ms	Manual test button operation RCD (✓)	AFDD (✓)
14/L3	Sub Mains(DB CL1/14, DB CL1/14-1)	A	B	2	2x2.5	2x1.5	5	61009 RCD/RCBO	B	32	10	30	1.09	0.24	0.24	0.44	✓	0.17	N/A	250	LIM	>299	✓	0.30	28.8	24.2	✓	N/A
15/L3	Executive Room Ring	A	B	10	2x2.5	2x1.5	0.4	61009 RCD/RCBO	B	32	10	30	1.09	0.47	0.47	0.63	✓	0.28	N/A	250	LIM	>299	✓	0.40	29.4	23.9	✓	N/A
16/L3	Executiv Kitchen Ring	A	B	10	2x2.5	2x1.5	0.4	61009 RCD/RCBO	B	32	10	30	1.09	0.35	0.36	0.55	✓	0.20	N/A	250	LIM	>299	✓	0.31	28.8	21.4	✓	N/A
17/L3	Executive Room Cooker	A	B	1	10	4	0.4	61009 RCD/RCBO	B	32	10	30	1.09	N/A	N/A	N/A	N/A	0.22	N/A	250	LIM	>299	✓	0.32	26.4	22.6	✓	N/A
18/L3	Bus Stop Supply	G	C	1	4	4	0.4	61009 RCD/RCBO	B	32	10	30	1.09	N/A	N/A	N/A	N/A	LIM	N/A	250	LIM	>299	✓	LIM	28.2	19.4	✓	N/A
19/L3	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
20/L3	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
21/L3	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Details of circuits and/or installed equipment vulnerable to damage when testing

Date(s) dead testing 28/07/2022 To 28/07/2022

Date(s) live testing 28/07/2022 To 28/07/2022

Signature

Tested by: Name (capital letters) LIAM KIMBLE Position Electrical Test Engineer Date 28/07/2022

Wiring Types. A PVC/PVC, B PVC cables in metallic Conduit, C PVC cables in non-metallic Conduit, D PVC cables in metallic trunking, E PVC cables in non-metallic trunking, F PVC/SWA cables, G SWA/XPLE cables, H Mineral Insulated, MW Metal Work, FM Ferrous Metal, O Other
A/A1 - Single Core PVC Cables (4D1A), A/A2 - Multicore PVC Cables (4D2A), F/F1 - Single-core armoures PVC SWA Cables (4D3A), F/F2 - PVC SWA Cables (4D4A), A/A3 - PVC Twin & Earth (4D5), O/O1 - LSF single core cables 90°C rated (4E1A), O/O2 - Multi-core LSF cables 90°C rated (4E2A), G/G1 - Single-core armoured XLPE cables or 90°C rated (4E3A), G/G2 - Multi-core armoured XLPE cables or 90°C rated (4E4A), H/H1 - MICC exposed to touch (4G1A)

ELECTRICAL INSTALLATION CONDITION REPORT - Schedule of Tests

for Industrial/Commercial Premises

FT/EICR 110151231

Requirements for Electrical Installations
BS 7671:2018 (IET Wiring Regulations 18th Edition)

Company Name	PHS Compliance	**Company Address**	Kid Glove Road	**Postcode**	WA3 3GR	**Branch No.**	**Scheme No.**
Client	UPP Residential Services Ltd	**Installation Address**	Swansea University Bay Campus - Dryslwyn 1B & Nest 2, Reception - Ground Floor Tower Information Centre, Fabian Way, Crymlyn Burrows, Swansea, West Glamorgan	**Postcode**	SA1 8EN		

Distribution board details - Complete in every case

Location: Room 9 Riser [Schneider]
Designation: DB CL1/11
Num. of ways: 4 Num. of phases: 1
Supply polarity confirmed: ☑ Phase sequence confirmed: ☐

Complete only if the distribution board is not connected directly to the origin of the installation

Supply to distribution board is from: Sub Mains(DB CL1, 11/L3)
Overcurrent protective device for the distribution circuit: BS(EN) 61009 RCD/RCBO Type B Rating 32 A Voltage 230 V

Characteristics at this distribution board

Associated RCD(if any): BS (EN) 61008
Z_d 0.30 Ω No. of poles 2
I_{pf} 0.78 kA IΔn 30
Time delay (if applicable) N/A
Operating at 1 IΔn: Above 30mA 28.4 ms
Operating at 5 IΔn: 30mA or below 26.4 ms
(if applicable)

Test instrument serial number(s)

Loop impedance: 100701/4664
Insulation resistance: 100701/4664
Continuity: 100701/4664
RCD: 100701/4664

CIRCUIT DETAILS / TEST RESULTS

Circuit No. and Line No.	Distribution board Designation / Circuit designation	Type of wiring	Ref. method	No. of points	Circuit conductors csa (mm²) L / N	Circuit conductors csa (mm²) CPC	Maximum disconnection	Overcurrent protective devices BS EN Number	Type No.	Rating (A)	Breaking capacity (KA)	RCD operating (mA)	BS 7671 Max. permitted Zs Other 80% (Ω)	Circuit impedance Ω Ring final circuits only (measured end-to-end) r1	rn	r2	Fig 8 check (✓)	All circuits to be completed using R1R2 or R2, not both R1 + R2	R2	Insulation resistance (Record lower reading) Test voltage V	L/L, L/N M(Ω)	L/E, N/E M(Ω)	Polarity (✓)	Max. Measured Zs (Ω)	RCD testing Above 30mA IΔn ms	30mA or below 5 IΔn ms	Manual test button operation RCD (✓)	AFDD (✓)
1/L3	Sockets	A	B	6	2.5	1.5	0.4	60898 MCB	B	10	6	N/A	3.49	N/A	N/A	N/A	N/A	0.12	N/A	250	LIM	>299	✓	0.42	N/A	N/A	N/A	N/A
2/L3	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
3/L3	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
4/L3	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Details of circuits and/or installed equipment vulnerable to damage when testing

Date(s) dead testing: 26/07/2022 To 26/07/2022

Date(s) live testing: 26/07/2022 To 26/07/2022

Tested by: Name (capital letters): LIAM KIMBLE Position: Electrical Test Engineer Date: 26/07/2022

Signature:

Wiring Types. A PVC/PVC, B PVC cables in metallic Conduit, C PVC cables in non-metallic Conduit, D PVC cables in metallic trunking, E PVC cables in non-metallic trunking, F PVC/SWA cables, G SWA/XPLE cables, H Mineral Insulated, MW Metal Work, FM Ferrous Metal, O Other
A/A1 - Single Core PVC Cables (4D1A), A/A2 - Multicore PVC Cables (4D2A), F/F1 - Single-core armoures PVC SWA Cables (4D3A), F/F2 - PVC SWA Cables (4D4A), A/A3 - PVC Twin & Earth (4D5), O/O1 - LSF single core cables 90°C rated (4E1A), O/O2 - Multi-core LSF cables 90°C rated (4E2A), G/G1 - Single-core armoured XLPE cables or 90°C rated (4E3A), G/G2 - Multi-core armoured XLPE cables or 90°C rated (4E4A), H/H1 - MICC exposed to touch (4G1A)

ELECTRICAL INSTALLATION CONDITION REPORT - Schedule of Tests

for Industrial/Commercial Premises

FT/EICR 110151231

Requirements for Electrical Installations
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Company Name	PHS Compliance	**Company Address**	Kid Glove Road	**Postcode**	WA3 3GR	**Branch No.**	**Scheme No.**
Client	UPP Residential Services Ltd	**Installation Address**	Swansea University Bay Campus - Dryslwyn 1B & Nest 2, Reception - Ground Floor Tower Information Centre, Fabian Way, Crymlyn Burrows, Swansea, West Glamorgan	**Postcode**	SA1 8EN		

Distribution board details - Complete in every case

Location: Room 10 Riser [Schneider]
Designation: DB CL1/11-1
Num. of ways: 4 Num. of phases: 1
Supply polarity confirmed: ☑ Phase sequence confirmed: ☐

Complete only if the distribution board is not connected directly to the origin of the installation

Supply to distribution board is from: Sub Mains(DB CL1, 11/L3)
Overcurrent protective device for the distribution circuit: BS(EN) 61009 RCD/RCBO Type B Rating 32 A Voltage 230 V

Characteristics at this distribution board

Associated RCD(if any): BS (EN) 61008
Z_d 0.30 Ω No. of poles 2
I_{pf} 0.78 kA IΔn 30
Time delay (if applicable) N/A
Above 30mA Operating at 1 IΔn 28.4 ms
30mA or below Operating at 5 IΔn 26.4 ms
(if applicable)

Test instrument serial number(s)

Loop impedance 100701/4664
Insulation resistance 100701/4664
Continuity 100701/4664
RCD 100701/4664

CIRCUIT DETAILS / TEST RESULTS

Circuit No. and Line No.	Distribution board Designation / Circuit designation	Type of wiring	Ref. method	No. of points	Circuit conductors csa (mm²) L / N	Circuit conductors csa (mm²) CPC	Maximum disconnection	Overcurrent protective devices BS EN Number	Type No.	Rating (A)	Breaking capacity (KA)	RCD operating (mA)	BS 7671 Max. permitted Zs Other 80% (Ω)	Circuit impedance Ω Ring final circuits only (measured end-to-end) r1	rn	r2	Fig 8 check (✓)	All circuits to be completed using R1R2 or R2, not both R1 + R2	R2	Insulation resistance (Record lower reading) Test voltage V	L/L, L/N M(Ω)	L/E, N/E M(Ω)	Polarity (✓)	Max. Measured Zs (Ω)	RCD testing Above 30mA IΔn ms	30mA or below 5 IΔn ms	Manual test button operation RCD (✓)	AFDD (✓)
1/L3	Sockets	A	B	6	2.5	1.5	0.4	60898 MCB	B	10	6	N/A	3.49	N/A	N/A	N/A	N/A	0.22	N/A	250	LIM	>299	✓	0.51	N/A	N/A	N/A	N/A
2/L3	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
3/L3	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
4/L3	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Details of circuits and/or installed equipment vulnerable to damage when testing

Date(s) dead testing 26/07/2022 To 26/07/2022

Date(s) live testing 26/07/2022 To 26/07/2022

Tested by: Name (capital letters) LIAM KIMBLE Position Electrical Test Engineer Date 26/07/2022

Signature

Wiring Types. A PVC/PVC, B PVC cables in metallic Conduit, C PVC cables in non-metallic Conduit, D PVC cables in metallic trunking, E PVC cables in non-metallic trunking, F PVC/SWA cables, G SWA/XPLE cables, H Mineral Insulated, MW Metal Work, FM Ferrous Metal, O Other
A/A1 - Single Core PVC Cables (4D1A), A/A2 - Multicore PVC Cables (4D2A), F/F1 - Single-core armoures PVC SWA Cables (4D3A), F/F2 - PVC SWA Cables (4D4A), A/A3 - PVC Twin & Earth (4D5), O/O1 - LSF single core cables 90°C rated (4E1A), O/O2 - Multi-core LSF cables 90°C rated (4E2A), G/G1 - Single-core armoured XLPE cables or 90°C rated (4E3A), G/G2 - Multi-core armoured XLPE cables or 90°C rated (4E4A), H/H1 - MICC exposed to touch (4G1A)

ELECTRICAL INSTALLATION CONDITION REPORT - Schedule of Tests

for Industrial/Commercial Premises

FT/EICR 110151231

Requirements for Electrical Installations
BS 7671:2018 (IET Wiring Regulations 18th Edition)

Company Name	PHS Compliance	**Company Address**	Kid Glove Road	**Postcode**	WA3 3GR	**Branch No.**	**Scheme No.**
Client	UPP Residential Services Ltd	**Installation Address**	Swansea University Bay Campus - Dryslwyn 1B & Nest 2, Reception - Ground Floor Tower Information Centre, Fabian Way, Crymlyn Burrows, Swansea, West Glamorgan	**Postcode**	SA1 8EN		

Distribution board details - Complete in every case

Location: Room 6 Riser [Schneider]
Designation: DB CL1/12
Num. of ways: 4 Num. of phases: 1
Supply polarity confirmed: ☑ Phase sequence confirmed: ☐

Complete only if the distribution board is not connected directly to the origin of the installation

Supply to distribution board is from: Sub Mains(DB CL1, 12/L3)
Overcurrent protective device for the distribution circuit: BS(EN) 61009 RCD/RCBO Type B Rating 32 A Voltage 230 V

Characteristics at this distribution board

Associated RCD(if any): BS (EN) 61008
Z_d 0.34 Ω No. of poles 2
I_{pf} 0.70 kA IΔn 30
Time delay (if applicable) N/A
Operating at 1 IΔn Above 30mA 28.4 ms
Operating at 5 IΔn 30mA or below 26.2 ms
(if applicable)

Test instrument serial number(s)

Loop impedance 100701/4664
Insulation resistance 100701/4664
Continuity 100701/4664
RCD 100701/4664

CIRCUIT DETAILS / TEST RESULTS

Circuit No. and Line No.	Distribution board Designation / Circuit designation	Type of wiring	Ref. method	No. of points	Circuit conductors csa (mm²) L / N	Circuit conductors csa (mm²) CPC	Maximum disconnection	Overcurrent protective devices BS EN Number	Type No.	Rating (A)	Breaking capacity (KA)	RCD operating (mA)	BS 7671 Max. permitted Zs Other 80% (Ω)	Circuit impedance Ω Ring final circuits only (measured end-to-end) r1	rn	r2	Fig 8 check (✓)	All circuits to be completed using R1R2 or R2, not both R1 + R2	R2	Insulation resistance (Record lower reading) Test voltage V	L/L, L/N M(Ω)	L/E, N/E M(Ω)	Polarity (✓)	Max. Measured Zs (Ω)	RCD testing Above 30mA IΔn ms	30mA or below 5 IΔn ms	Manual test button operation RCD (✓)	AFDD (✓)
1/L3	Sockets	A	B	6	2.5	1.5	0.4	60898 MCB	B	10	6	N/A	3.49	N/A	N/A	N/A	N/A	0.14	N/A	250	LIM	>299	✓	0.52	N/A	N/A	N/A	N/A
2/L3	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
3/L3	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
4/L3	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Details of circuits and/or installed equipment vulnerable to damage when testing

Date(s) dead testing 26/07/2022 To 26/07/2022

Date(s) live testing 26/07/2022 To 26/07/2022

Tested by: Name (capital letters) LIAM KIMBLE Position Electrical Test Engineer Date 26/07/2022

Signature

Wiring Types. A PVC/PVC, B PVC cables in metallic Conduit, C PVC cables in non-metallic Conduit, D PVC cables in metallic trunking, E PVC cables in non-metallic trunking, F PVC/SWA cables, G SWA/XPLE cables, H Mineral Insulated, MW Metal Work, FM Ferrous Metal, O Other
A/A1 - Single Core PVC Cables (4D1A), A/A2 - Multicore PVC Cables (4D2A), F/F1 - Single-core armoures PVC SWA Cables (4D3A), F/F2 - PVC SWA Cables (4D4A), A/A3 - PVC Twin & Earth (4D5), O/O1 - LSF single core cables 90°C rated (4E1A), O/O2 - Multi-core LSF cables 90°C rated (4E2A), G/G1 - Single-core armoured XLPE cables or 90°C rated (4E3A), G/G2 - Multi-core armoured XLPE cables or 90°C rated (4E4A), H/H1 - MICC exposed to touch (4G1A)

ELECTRICAL INSTALLATION CONDITION REPORT - Schedule of Tests

for Industrial/Commercial Premises

FT/EICR 110151231

Requirements for Electrical Installations
BS 7671:2018 (IET Wiring Regulations 18th Edition)

Company Name	PHS Compliance	**Company Address**	Kid Glove Road	**Postcode**	WA3 3GR	**Branch No.**	**Scheme No.**
Client	UPP Residential Services Ltd	**Installation Address**	Swansea University Bay Campus - Dryslwyn 1B & Nest 2, Reception - Ground Floor Tower Information Centre, Fabian Way, Crymlyn Burrows, Swansea, West Glamorgan	**Postcode**	SA1 8EN		

Distribution board details - Complete in every case

Location: Room 7 Riser [Schneider]
Designation: DB CL1/12-1
Num. of ways: 4 Num. of phases: 1
Supply polarity confirmed: ☑ Phase sequence confirmed: ☐

Complete only if the distribution board is not connected directly to the origin of the installation

Supply to distribution board is from: Sub Mains(DB CL1, 12/L3)
Overcurrent protective device for the distribution circuit: BS(EN) 61009 RCD/RCBO Type B Rating 32 A Voltage 230 V

Characteristics at this distribution board

Associated RCD(if any): BS (EN) 61008
Z_d 0.34 Ω No. of poles 2
I_{pf} 0.70 kA IΔn 30
Time delay (if applicable) N/A
Operating at 1 IΔn Above 30mA 28.4 ms
Operating at 5 IΔn 30mA or below 26.2 ms
(if applicable)

Test instrument serial number(s)

Loop impedance 100701/4664
Insulation resistance 100701/4664
Continuity 100701/4664
RCD 100701/4664

CIRCUIT DETAILS / TEST RESULTS

Circuit No. and Line No.	Distribution board Designation / Circuit designation	Type of wiring	Ref. method	No. of points	Circuit conductors csa (mm²) L / N	Circuit conductors csa (mm²) CPC	Maximum disconnection	Overcurrent protective devices BS EN Number	Type No.	Rating (A)	Breaking capacity (KA)	RCD operating (mA)	BS 7671 Max. permitted Zs Other 80% (Ω)	Circuit impedance Ω Ring final circuits only (measured end-to-end) r1	rn	r2	Fig 8 check (✓)	All circuits to be completed using R1R2 or R2, not both R1 + R2	R2	Insulation resistance (Record lower reading) Test voltage V	L/L, L/N M(Ω)	L/E, N/E M(Ω)	Polarity (✓)	Max. Measured Zs (Ω)	RCD testing Above 30mA IΔn ms	30mA or below 5 IΔn ms	Manual test button operation RCD (✓)	AFDD (✓)
1/L3	Sockets	A	B	6	2.5	1.5	0.4	60898 MCB	B	10	6	N/A	3.49	N/A	N/A	N/A	N/A	0.18	N/A	250	LIM	>299	✓	0.65	N/A	N/A	N/A	N/A
2/L3	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
3/L3	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
4/L3	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Details of circuits and/or installed equipment vulnerable to damage when testing

Date(s) dead testing 26/07/2022 To 26/07/2022

Date(s) live testing 26/07/2022 To 26/07/2022

Tested by: Name (capital letters) LIAM KIMBLE Position Electrical Test Engineer Date 26/07/2022

Signature

Wiring Types. A PVC/PVC, B PVC cables in metallic Conduit, C PVC cables in non-metallic Conduit, D PVC cables in metallic trunking, E PVC cables in non-metallic trunking, F PVC/SWA cables, G SWA/XPLE cables, H Mineral Insulated, MW Metal Work, FM Ferrous Metal, O Other
A/A1 - Single Core PVC Cables (4D1A), A/A2 - Multicore PVC Cables (4D2A), F/F1 - Single-core armoures PVC SWA Cables (4D3A), F/F2 - PVC SWA Cables (4D4A), A/A3 - PVC Twin & Earth (4D5), O/O1 - LSF single core cables 90°C rated (4E1A), O/O2 - Multi-core LSF cables 90°C rated (4E2A), G/G1 - Single-core armoured XLPE cables or 90°C rated (4E3A), G/G2 - Multi-core armoured XLPE cables or 90°C rated (4E4A), H/H1 - MICC exposed to touch (4G1A)

ELECTRICAL INSTALLATION CONDITION REPORT - Schedule of Tests

for Industrial/Commercial Premises

FT/EICR 110151231

Requirements for Electrical Installations
BS 7671:2018 (IET Wiring Regulations 18th Edition)

Company Name	PHS Compliance	**Company Address**	Kid Glove Road	**Postcode**	WA3 3GR	**Branch No.**	**Scheme No.**
Client	UPP Residential Services Ltd	**Installation Address**	Swansea University Bay Campus - Dryslwyn 1B & Nest 2, Reception - Ground Floor Tower Information Centre, Fabian Way, Crymlyn Burrows, Swansea, West Glamorgan	**Postcode**	SA1 8EN		

Distribution board details - Complete in every case

Location: Room 8 Riser [Schneider]
Designation: DB CL1/12-2
Num. of ways: 4 Num. of phases: 1
Supply polarity confirmed: ☑ Phase sequence confirmed: ☐

Complete only if the distribution board is not connected directly to the origin of the installation

Supply to distribution board is from: Sub Mains(DB CL1, 12/L3)
Overcurrent protective device for the distribution circuit: BS(EN) 61009 RCD/RCBO Type B Rating 32 A Voltage 230 V

Characteristics at this distribution board

Associated RCD(if any): BS (EN) 61008
Z_d 0.34 Ω No. of poles 2
I_{pf} 0.70 kA IΔn 30
Time delay (if applicable) N/A
Operating at 1 IΔn Above 30mA 28.4 ms
Operating at 5 IΔn 30mA or below 26.2 ms
(if applicable)

Test instrument serial number(s)

Loop impedance 100701/4664
Insulation resistance 100701/4664
Continuity 100701/4664
RCD 100701/4664

CIRCUIT DETAILS / TEST RESULTS

Circuit No. and Line No.	Distribution board Designation / Circuit designation	Type of wiring	Ref. method	No. of points	Circuit conductors csa (mm²) L / N	Circuit conductors csa (mm²) CPC	Maximum disconnection	Overcurrent protective devices BS EN Number	Type No.	Rating (A)	Breaking capacity (KA)	RCD operating (mA)	BS 7671 Max. permitted Zs Other 80% (Ω)	Circuit impedance Ω Ring final circuits only (measured end-to-end) r1	rn	r2	Fig 8 check (✓)	All circuits to be completed using R1R2 or R2, not both R1 + R2	R2	Insulation resistance (Record lower reading) Test voltage V	L/L, L/N M(Ω)	L/E, N/E M(Ω)	Polarity (✓)	Max. Measured Zs (Ω)	RCD testing Above 30mA IΔn ms	30mA or below 5 IΔn ms	Manual test button operation RCD (✓)	AFDD (✓)
1/L3	Sockets	A	B	6	2.5	1.5	0.4	60898 MCB	B	10	6	N/A	3.49	N/A	N/A	N/A	N/A	0.14	N/A	250	LIM	>299	✓	0.52	N/A	N/A	N/A	N/A
2/L3	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
3/L3	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
4/L3	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Details of circuits and/or installed equipment vulnerable to damage when testing

Date(s) dead testing 26/07/2022 To 26/07/2022

Date(s) live testing 26/07/2022 To 26/07/2022

Tested by: Name (capital letters) LIAM KIMBLE Position Electrical Test Engineer Date 26/07/2022

Signature

Wiring Types. A PVC/PVC, B PVC cables in metallic Conduit, C PVC cables in non-metallic Conduit, D PVC cables in metallic trunking, E PVC cables in non-metallic trunking, F PVC/SWA cables, G SWA/XPLE cables, H Mineral Insulated, MW Metal Work, FM Ferrous Metal, O Other
A/A1 - Single Core PVC Cables (4D1A), A/A2 - Multicore PVC Cables (4D2A), F/F1 - Single-core armoures PVC SWA Cables (4D3A), F/F2 - PVC SWA Cables (4D4A), A/A3 - PVC Twin & Earth (4D5), O/O1 - LSF single core cables 90°C rated (4E1A), O/O2 - Multi-core LSF cables 90°C rated (4E2A), G/G1 - Single-core armoured XLPE cables or 90°C rated (4E3A), G/G2 - Multi-core armoured XLPE cables or 90°C rated (4E4A), H/H1 - MICC exposed to touch (4G1A)

ELECTRICAL INSTALLATION CONDITION REPORT - Schedule of Tests

for Industrial/Commercial Premises

FT/EICR 110151231

Requirements for Electrical Installations
BS 7671:2018 (IET Wiring Regulations 18th Edition)

Company Name	PHS Compliance	**Company Address**	Kid Glove Road	**Postcode**	WA3 3GR	**Branch No.**	**Scheme No.**
Client	UPP Residential Services Ltd	**Installation Address**	Swansea University Bay Campus - Dryslwyn 1B & Nest 2, Reception - Ground Floor Tower Information Centre, Fabian Way, Crymlyn Burrows, Swansea, West Glamorgan	**Postcode**	SA1 8EN		

Distribution board details - Complete in every case

Location: Room 2 Riser [Schneider]
Designation: DB CL1/13
Num. of ways: 4 Num. of phases: 1
Supply polarity confirmed: ☑ Phase sequence confirmed: ☐

Complete only if the distribution board is not connected directly to the origin of the installation

Supply to distribution board is from: Sub Mains(DB CL1, 13/L3)
Overcurrent protective device for the distribution circuit: BS(EN) 61009 RCD/RCBO Type B Rating 32 A Voltage 230 V

Characteristics at this distribution board

Associated RCD(if any): BS (EN) 61008
Z_d 0.32 Ω No. of poles 2
I_{pf} 0.71 kA IΔn 30
Time delay (if applicable) N/A
Above 30mA Operating at 1 IΔn 28.8 ms
30mA or below Operating at 5 IΔn 27.2 ms
(if applicable)

Test instrument serial number(s)

Loop impedance: 100701/4664
Insulation resistance: 100701/4664
Continuity: 100701/4664
RCD: 100701/4664

CIRCUIT DETAILS / TEST RESULTS

Circuit No. and Line No.	Distribution board Designation / Circuit designation	Type of wiring	Ref. method	No. of points	Circuit conductors csa (mm²) L / N	Circuit conductors csa (mm²) CPC	Maximum disconnection	Overcurrent protective devices BS EN Number	Type No.	Rating (A)	Breaking capacity (KA)	RCD operating (mA)	BS 7671 Max. permitted Zs Other 80% (Ω)	Circuit impedance Ω Ring final circuits only (measured end-to-end) r1	rn	r2	Fig 8 check (✓)	All circuits to be completed using R1R2 or R2, not both R1 + R2	R2	Insulation resistance (Record lower reading) Test voltage V	L/L, L/N M(Ω)	L/E, N/E M(Ω)	Polarity (✓)	Max. Measured Zs (Ω)	RCD testing Above 30mA IΔn ms	30mA or below 5 IΔn ms	Manual test button operation RCD (✓)	AFDD (✓)
1/L3	Sockets	A	B	6	2.5	1.5	0.4	60898 MCB	B	10	6	N/A	3.49	N/A	N/A	N/A	N/A	0.12	N/A	250	LIM	>299	✓	0.60	N/A	N/A	N/A	N/A
2/L3	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
3/L3	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
4/L3	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Details of circuits and/or installed equipment vulnerable to damage when testing

Date(s) dead testing: 26/07/2022 To: 26/07/2022

Date(s) live testing: 26/07/2022 To: 26/07/2022

Tested by: Name (capital letters): LIAM KIMBLE Position: Electrical Test Engineer Date: 26/07/2022

Signature:

Wiring Types. A PVC/PVC, B PVC cables in metallic Conduit, C PVC cables in non-metallic Conduit, D PVC cables in metallic trunking, E PVC cables in non-metallic trunking, F PVC/SWA cables, G SWA/XPLE cables, H Mineral Insulated, MW Metal Work, FM Ferrous Metal, O Other
A/A1 - Single Core PVC Cables (4D1A), A/A2 - Multicore PVC Cables (4D2A), F/F1 - Single-core armoures PVC SWA Cables (4D3A), F/F2 - PVC SWA Cables (4D4A), A/A3 - PVC Twin & Earth (4D5), O/O1 - LSF single core cables 90°C rated (4E1A), O/O2 - Multi-core LSF cables 90°C rated (4E2A), G/G1 - Single-core armoured XLPE cables or 90°C rated (4E3A), G/G2 - Multi-core armoured XLPE cables or 90°C rated (4E4A), H/H1 - MICC exposed to touch (4G1A)

ELECTRICAL INSTALLATION CONDITION REPORT - Schedule of Tests

for Industrial/Commercial Premises

FT/EICR 110151231

Requirements for Electrical Installations
BS 7671:2018 (IET Wiring Regulations 18th Edition)

Company Name	PHS Compliance	**Company Address**	Kid Glove Road	**Postcode**	WA3 3GR	**Branch No.**	**Scheme No.**
Client	UPP Residential Services Ltd	**Installation Address**	Swansea University Bay Campus - Dryslwyn 1B & Nest 2, Reception - Ground Floor Tower Information Centre, Fabian Way, Crymlyn Burrows, Swansea, West Glamorgan	**Postcode**	SA1 8EN		

Distribution board details - Complete in every case

Location: Room 1 Riser [Schneider]
Designation: DB CL1/13-1
Num. of ways: 4 Num. of phases: 1
Supply polarity confirmed: ☑ Phase sequence confirmed: ☐

Complete only if the distribution board is not connected directly to the origin of the installation

Supply to distribution board is from: Sub Mains(DB CL1, 13/L3)
Overcurrent protective device for the distribution circuit: BS(EN) 61009 RCD/RCBO Type B Rating 32 A Voltage 230 V

Characteristics at this distribution board

Associated RCD(if any): BS (EN) 61008
Z_d 0.32 Ω No. of poles 2
I_{pf} 0.71 kA IΔn 30
Time delay (if applicable) N/A
Above 30mA Operating at 1 IΔn 28.8 ms
30mA or below Operating at 5 IΔn 27.2 ms
(if applicable)

Test instrument serial number(s)

Loop impedance 100701/4664
Insulation resistance 100701/4664
Continuity 100701/4664
RCD 100701/4664

CIRCUIT DETAILS / TEST RESULTS

Circuit No. and Line No.	Distribution board Designation / Circuit designation	Type of wiring	Ref. method	No. of points	Circuit conductors csa (mm²) L / N	Circuit conductors csa (mm²) CPC	Maximum disconnection	Overcurrent protective devices BS EN Number	Type No.	Rating (A)	Breaking capacity (KA)	RCD operating (mA)	BS 7671 Max. permitted Zs Other 80% (Ω)	Circuit impedance Ω Ring final circuits only (measured end-to-end) r1	rn	r2	Fig 8 check (✓)	All circuits to be completed using R1R2 or R2, not both R1 + R2	R2	Insulation resistance (Record lower reading) Test voltage V	L/L, L/N M(Ω)	L/E, N/E M(Ω)	Polarity (✓)	Max. Measured Zs (Ω)	RCD testing Above 30mA IΔn ms	30mA or below 5 IΔn ms	Manual test button operation RCD (✓)	AFDD (✓)
1/L3	Sockets	A	B	6	2.5	1.5	0.4	60898 MCB	B	10	6	N/A	3.49	N/A	N/A	N/A	N/A	0.10	N/A	250	LIM	>299	✓	0.55	N/A	N/A	N/A	N/A
2/L3	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
3/L3	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
4/L3	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Details of circuits and/or installed equipment vulnerable to damage when testing

Date(s) dead testing 26/07/2022 To 26/07/2022

Date(s) live testing 26/07/2022 To 26/07/2022

Tested by: Name (capital letters) LIAM KIMBLE Position Electrical Test Engineer Date 26/07/2022

Signature

Wiring Types. A PVC/PVC, B PVC cables in metallic Conduit, C PVC cables in non-metallic Conduit, D PVC cables in metallic trunking, E PVC cables in non-metallic trunking, F PVC/SWA cables, G SWA/XPLE cables, H Mineral Insulated, MW Metal Work, FM Ferrous Metal, O Other
A/A1 - Single Core PVC Cables (4D1A), A/A2 - Multicore PVC Cables (4D2A), F/F1 - Single-core armoures PVC SWA Cables (4D3A), F/F2 - PVC SWA Cables (4D4A), A/A3 - PVC Twin & Earth (4D5), O/O1 - LSF single core cables 90°C rated (4E1A), O/O2 - Multi-core LSF cables 90°C rated (4E2A), G/G1 - Single-core armoured XLPE cables or 90°C rated (4E3A), G/G2 - Multi-core armoured XLPE cables or 90°C rated (4E4A), H/H1 - MICC exposed to touch (4G1A)

ELECTRICAL INSTALLATION CONDITION REPORT - Schedule of Tests

for Industrial/Commercial Premises

FT/EICR 110151231

Requirements for Electrical Installations
BS 7671:2018 (IET Wiring Regulations 18th Edition)

Company Name	PHS Compliance	**Company Address**	Kid Glove Road	**Postcode**	WA3 3GR	**Branch No.**	**Scheme No.**
Client	UPP Residential Services Ltd	**Installation Address**	Swansea University Bay Campus - Dryslwyn 1B & Nest 2, Reception - Ground Floor Tower Information Centre, Fabian Way, Crymlyn Burrows, Swansea, West Glamorgan	**Postcode**	SA1 8EN		

Distribution board details - Complete in every case

Location: Room 5 Riser [Schneider]
Designation: DB CL1/14
Num. of ways: 4 Num. of phases: 1
Supply polarity confirmed: ☑ Phase sequence confirmed: ☐

Complete only if the distribution board is not connected directly to the origin of the installation

Supply to distribution board is from: Sub Mains(DB CL1, 14/L3)
Overcurrent protective device for the distribution circuit: BS(EN) 61009 RCD/RCBO Type B Rating 32 A Voltage 230 V

Characteristics at this distribution board

Associated RCD(if any): BS (EN) 61008
Z_d 0.30 Ω No. of poles 2
I_{pf} 0.74 kA IΔn 30
Time delay (if applicable) N/A
Operating at 1 IΔn Above 30mA 28.8 ms
Operating at 5 IΔn 30mA or below 24.2 ms
(if applicable)

Test instrument serial number(s)

Loop impedance 100701/4664
Insulation resistance 100701/4664
Continuity 100701/4664
RCD 100701/4664

CIRCUIT DETAILS / TEST RESULTS

Circuit No. and Line No.	Distribution board Designation / Circuit designation	Type of wiring	Ref. method	No. of points	Circuit conductors csa (mm²) L / N	Circuit conductors csa (mm²) CPC	Maximum disconnection	Overcurrent protective devices BS EN Number	Type No.	Rating (A)	Breaking capacity (KA)	RCD operating (mA)	BS 7671 Max. permitted Zs Other 80% (Ω)	Circuit impedance Ω Ring final circuits only (measured end-to-end) r1	rn	r2	Fig 8 check (✓)	All circuits to be completed using R1R2 or R2, not both R1 + R2	R2	Insulation resistance (Record lower reading) Test voltage V	L/L, L/N M(Ω)	L/E, N/E M(Ω)	Polarity (✓)	Max. Measured Zs (Ω)	RCD testing Above 30mA IΔn ms	30mA or below 5 IΔn ms	Manual test button operation RCD (✓)	AFDD (✓)
1/L3	Sockets	A	B	6	2.5	1.5	0.4	60898 MCB	B	10	6	N/A	3.49	N/A	N/A	N/A	N/A	0.15	N/A	250	LIM	>299	✓	0.62	N/A	N/A	N/A	N/A
2/L3	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
3/L3	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
4/L3	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Details of circuits and/or installed equipment vulnerable to damage when testing

Date(s) dead testing 26/07/2022 To 26/07/2022

Date(s) live testing 26/07/2022 To 26/07/2022

Tested by: Name (capital letters) LIAM KIMBLE Position Electrical Test Engineer Date 26/07/2022

Signature

Wiring Types. A PVC/PVC, B PVC cables in metallic Conduit, C PVC cables in non-metallic Conduit, D PVC cables in metallic trunking, E PVC cables in non-metallic trunking, F PVC/SWA cables, G SWA/XPLE cables, H Mineral Insulated, MW Metal Work, FM Ferrous Metal, O Other
A/A1 - Single Core PVC Cables (4D1A), A/A2 - Multicore PVC Cables (4D2A), F/F1 - Single-core armoures PVC SWA Cables (4D3A), F/F2 - PVC SWA Cables (4D4A), A/A3 - PVC Twin & Earth (4D5), O/O1 - LSF single core cables 90°C rated (4E1A), O/O2 - Multi-core LSF cables 90°C rated (4E2A), G/G1 - Single-core armoured XLPE cables or 90°C rated (4E3A), G/G2 - Multi-core armoured XLPE cables or 90°C rated (4E4A), H/H1 - MICC exposed to touch (4G1A)

ELECTRICAL INSTALLATION CONDITION REPORT - Schedule of Tests

for Industrial/Commercial Premises

FT/EICR 110151231

Requirements for Electrical Installations
BS 7671:2018 (IET Wiring Regulations 18th Edition)

Company Name	PHS Compliance	**Company Address**	Kid Glove Road	**Postcode**	WA3 3GR	**Branch No.**	**Scheme No.**
Client	UPP Residential Services Ltd	**Installation Address**	Swansea University Bay Campus - Dryslwyn 1B & Nest 2, Reception - Ground Floor Tower Information Centre, Fabian Way, Crymlyn Burrows, Swansea, West Glamorgan	**Postcode**	SA1 8EN		

Distribution board details - Complete in every case

Location: Room 4 Riser [Schneider]
Designation: DB CL1/14-1
Num. of ways: 4 Num. of phases: 1
Supply polarity confirmed: ☑ Phase sequence confirmed: ☐

Complete only if the distribution board is not connected directly to the origin of the installation

Supply to distribution board is from: Sub Mains(DB CL1, 14/L3)
Overcurrent protective device for the distribution circuit: BS(EN) 61009 RCD/RCBO Type B Rating 32 A Voltage 230 V

Characteristics at this distribution board

Associated RCD(if any): BS (EN) 61008
Z_d 0.30 Ω No. of poles 2
I_{pf} 0.74 kA IΔn 30
Time delay (if applicable) N/A
Operating at 1 IΔn: Above 30mA 28.8 ms
Operating at 5 IΔn: 30mA or below 24.2 ms
(if applicable)

Test instrument serial number(s)

Loop impedance: 100701/4664
Insulation resistance: 100701/4664
Continuity: 100701/4664
RCD: 100701/4664

CIRCUIT DETAILS / TEST RESULTS

Circuit No. and Line No.	Distribution board Designation / Circuit designation	Type of wiring	Ref. method	No. of points	Circuit conductors csa (mm²) L / N	Circuit conductors csa (mm²) CPC	Maximum disconnection	Overcurrent protective devices BS EN Number	Type No.	Rating (A)	Breaking capacity (KA)	RCD operating (mA)	BS 7671 Max. permitted Zs Other 80% (Ω)	Circuit impedance Ω Ring final circuits only (measured end-to-end) r1	rn	r2	Fig 8 check (✓)	All circuits to be completed using R1R2 or R2, not both R1 + R2	R2	Insulation resistance (Record lower reading) Test voltage V	L/L, L/N M(Ω)	L/E, N/E M(Ω)	Polarity (✓)	Max. Measured Zs (Ω)	RCD testing Above 30mA IΔn ms	30mA or below 5 IΔn ms	Manual test button operation RCD (✓)	AFDD (✓)
1/L3	Sockets	A	B	6	2.5	1.5	0.4	60898 MCB	B	10	6	N/A	3.49	N/A	N/A	N/A	N/A	0.24	N/A	250	LIM	>299	✓	0.71	N/A	N/A	N/A	N/A
2/L3	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
3/L3	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
4/L3	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Details of circuits and/or installed equipment vulnerable to damage when testing

Date(s) dead testing: 26/07/2022 To 26/07/2022

Date(s) live testing: 26/07/2022 To 26/07/2022

Tested by: Name (capital letters): LIAM KIMBLE Position: Electrical Test Engineer Date: 26/07/2022

Signature:

Wiring Types. A PVC/PVC, B PVC cables in metallic Conduit, C PVC cables in non-metallic Conduit, D PVC cables in metallic trunking, E PVC cables in non-metallic trunking, F PVC/SWA cables, G SWA/XPLE cables, H Mineral Insulated, MW Metal Work, FM Ferrous Metal, O Other
A/A1 - Single Core PVC Cables (4D1A), A/A2 - Multicore PVC Cables (4D2A), F/F1 - Single-core armoures PVC SWA Cables (4D3A), F/F2 - PVC SWA Cables (4D4A), A/A3 - PVC Twin & Earth (4D5), O/O1 - LSF single core cables 90°C rated (4E1A), O/O2 - Multi-core LSF cables 90°C rated (4E2A), G/G1 - Single-core armoured XLPE cables or 90°C rated (4E3A), G/G2 - Multi-core armoured XLPE cables or 90°C rated (4E4A), H/H1 - MICC exposed to touch (4G1A)

ELECTRICAL INSTALLATION CONDITION REPORT - Schedule of Tests

for Industrial/Commercial Premises

FT/EICR 110151231

Requirements for Electrical Installations
BS 7671:2018 (IET Wiring Regulations 18th Edition)

Company Name	PHS Compliance	**Company Address**	Kid Glove Road	**Postcode**	WA3 3GR	**Branch No.**	**Scheme No.**
Client	UPP Residential Services Ltd	**Installation Address**	Swansea University Bay Campus - Dryslwyn 1B & Nest 2, Reception - Ground Floor Tower Information Centre, Fabian Way, Crymlyn Burrows, Swansea, West Glamorgan	**Postcode**	SA1 8EN		

Distribution board details - Complete in every case

Location: Flat 6 [Kitchen]
Designation: DB CL4
Num. of ways: 18 Num. of phases: 1
Supply polarity confirmed: ☑ Phase sequence confirmed: ☐

Complete only if the distribution board is not connected directly to the origin of the installation

Supply to distribution board is from: Sub Mains(BB Dryslwyn, 2/L2)
Overcurrent protective device for the distribution circuit: BS(EN) 88-2 HRC Type gG Rating 63 A Voltage 230 V
Time delay (if applicable): N/A

Characteristics at this distribution board

Associated RCD(if any): BS (EN): N/A
Z_d 0.14 Ω No. of poles N/A
I_{pf} 1.7 kA IΔn N/A
Operating at 1 IΔn: Above 30mA N/A ms
30mA or below
Operating at 5 IΔn N/A ms
(if applicable)

Test instrument serial number(s)

Loop impedance: 100701/4664
Insulation resistance: 100701/4664
Continuity: 100701/4664
RCD: 100701/4664

CIRCUIT DETAILS / TEST RESULTS

Circuit No. and Line No.	Distribution board Designation / Circuit designation	Type of wiring	Ref. method	No. of points	Circuit conductors csa (mm²) L / N	Circuit conductors csa (mm²) CPC	Maximum disconnection	Overcurrent protective devices BS EN Number	Type No.	Rating (A)	Breaking capacity (KA)	RCD operating (mA)	BS 7671 Max. permitted Zs Other 80% (Ω)	Circuit impedance Ω: Ring final circuits only (measured end-to-end) r1	rn	r2	Fig 8 check (✓)	All circuits to be completed using R1R2 or R2, not both: R1 + R2	R2	Insulation resistance (Record lower reading) Test voltage V	L/L, L/N M(Ω)	L/E, N/E M(Ω)	Polarity (✓)	Max. Measured Zs (Ω)	RCD testing: Above 30mA IΔn ms	30mA or below 5 IΔn ms	Manual test button operation: RCD (✓)	AFDD (✓)
1/L2	Lighting Bedrooms 1,2	A	B	8	1.5	1	0.4	61009 RCD/RCBO	C	10	10	30	1.75	N/A	N/A	N/A	N/A	0.24	N/A	250	LIM	>299	✓	0.45	28.4	26.9	✓	N/A
2/L2	Lighting Bedrooms 3,4	A	B	8	1.5	1	0.4	61009 RCD/RCBO	C	10	10	30	1.75	N/A	N/A	N/A	N/A	0.35	N/A	250	LIM	>299	✓	0.53	28.2	27.0	✓	N/A
3/L2	Common Room Lights	A	B	6	1.5	1	0.4	61009 RCD/RCBO	C	10	10	30	1.75	N/A	N/A	N/A	N/A	0.41	N/A	250	LIM	>299	✓	0.52	28.8	19.4	✓	N/A
4/L2	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
5/L2	Common Room Ring 1	A	B	8	2x2.5	2x1.5	0.4	61009 RCD/RCBO	B	32	10	30	1.09	0.28	0.25	0.33	✓	0.15	N/A	250	LIM	>299	✓	0.32	28.4	26.2	✓	N/A
6/L2	Common Room Ring 2	A	B	8	2x2.5	2x1.5	0.4	61009 RCD/RCBO	B	32	10	30	1.09	0.24	0.24	0.30	✓	0.14	N/A	250	LIM	>299	✓	0.26	28.2	22.4	✓	N/A
7/L2	Hob	A	B	1	10	4	0.4	61009 RCD/RCBO	B	32	10	30	1.09	N/A	N/A	N/A	N/A	0.10	N/A	250	LIM	>299	✓	0.24	28.8	16.4	✓	N/A
8/L2	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
9/L2	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/L2	Sub Mains(DB CL4/10, DB CL4/10-1)	A	B	2	2x2.5	2x1.5	0.4	61009 RCD/RCBO	B	32	10	30	1.09	0.30	0.30	0.46	✓	0.19	N/A	250	LIM	>299	✓	0.29	28.4	27.0	✓	N/A
11/L2	Sub Mains(DB CL4/11, DB CL4/11-1)	A	B	2	2x2.5	2x1.5	0.4	61009 RCD/RCBO	B	32	10	30	1.09	0.24	0.24	0.48	✓	0.18	N/A	250	LIM	>299	✓	0.33	28.8	24.3	✓	N/A
12/L2	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
13/L2	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
14/L2	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
15/L2	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Details of circuits and/or installed equipment vulnerable to damage when testing

Date(s) dead testing: 28/07/2022 To: 28/07/2022
Date(s) live testing: 28/07/2022 To: 28/07/2022

Tested by: Name (capital letters): LIAM KIMBLE Position: Electrical Test Engineer Date: 28/07/2022
Signature

Wiring Types. A PVC/PVC, B PVC cables in metallic Conduit, C PVC cables in non-metallic Conduit, D PVC cables in metallic trunking, E PVC cables in non-metallic trunking, F PVC/SWA cables, G SWA/XPLE cables, H Mineral Insulated, MW Metal Work, FM Ferrous Metal, O Other
A/A1 - Single Core PVC Cables (4D1A), A/A2 - Multicore PVC Cables (4D2A), F/F1 - Single-core armoures PVC SWA Cables (4D3A), F/F2 - PVC SWA Cables (4D4A), A/A3 - PVC Twin & Earth (4D5), O/O1 - LSF single core cables 90°C rated (4E1A), O/O2 - Multi-core LSF cables 90°C rated (4E2A), G/G1 - Single-core armoured XLPE cables or 90°C rated (4E3A), G/G2 - Multi-core armoured XLPE cables or 90°C rated (4E4A), H/H1 - MICC exposed to touch (4G1A)

ELECTRICAL INSTALLATION CONDITION REPORT - Schedule of Tests

FT/EICR 110151231

for Industrial/Commercial Premises

Requirements for Electrical Installations
BS 7671:2018 (IET Wiring Regulations 18th Edition)

CIRCUIT DETAILS / TEST RESULTS

Circuit No. and Line No.	Distribution board Designation / Circuit designation	Type of wiring	Ref. method	No. of points	Circuit conductors csa (mm²) L / N	Circuit conductors csa (mm²) CPC	Maximum disconnection	Overcurrent protective devices BS EN Number	Overcurrent protective devices Type No.	Overcurrent protective devices Rating (A)	Breaking capacity (KA)	RCD operating (mA)	BS 7671 Max. permitted Zs Other 80% (Ω)	Circuit impedance Ω Ring final circuits only (measured end-to-end) r1	r2	rn	Fig 8 check (✓)	All circuits to be completed using R1R2 or R2, not both R1 + R2	R2	Insulation resistance (Record lower reading) Test voltage V	L/L, L/N M(Ω)	L/E, N/E M(Ω)	Polarity (✓)	Max. Measured Zs (Ω)	RCD testing Above 30mA IΔn ms	30mA or below 5 IΔn ms	Manual test button operation RCD (✓)	AFDD (✓)
	DB CL4																											
	Circuit designation																											
16/L2	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
17/L2	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
18/L2	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Details of circuits and/or installed equipment vulnerable to damage when testing

Date(s) dead testing 28/07/2022 To 28/07/2022

Date(s) live testing 28/07/2022 To 28/07/2022

Tested by: Name (capital letters) LIAM KIMBLE

Position Electrical Test Engineer

Date 28/07/2022

Signature

Wiring Types. A PVC/PVC, B PVC cables in metallic Conduit, C PVC cables in non-metallic Conduit, D PVC cables in metallic trunking, E PVC cables in non-metallic trunking, F PVC/SWA cables, G SWA/XPLE cables, H Mineral Insulated, MW Metal Work, FM Ferrous Metal, O Other
A/A1 - Single Core PVC Cables (4D1A), A/A2 - Multicore PVC Cables (4D2A), F/F1 - Single-core armoures PVC SWA Cables (4D3A), F/F2 - PVC SWA Cables (4D4A), A/A3 - PVC Twin & Earth (4D5), O/O1 - LSF single core cables 90°C rated (4E1A), O/O2 - Multi-core LSF cables 90°C rated (4E2A), G/G1 - Single-core armoured XLPE cables or 90°C rated (4E3A), G/G2 - Multi-core armoured XLPE cables or 90°C rated (4E4A), H/H1 - MICC exposed to touch (4G1A)

ELECTRICAL INSTALLATION CONDITION REPORT - Schedule of Tests

for Industrial/Commercial Premises

FT/EICR 110151231

Requirements for Electrical Installations
BS 7671:2018 (IET Wiring Regulations 18th Edition)

Company Name	PHS Compliance	**Company Address**	Kid Glove Road	**Postcode**	WA3 3GR	**Branch No.**	**Scheme No.**
Client	UPP Residential Services Ltd	**Installation Address**	Swansea University Bay Campus - Dryslwyn 1B & Nest 2, Reception - Ground Floor Tower Information Centre, Fabian Way, Crymlyn Burrows, Swansea, West Glamorgan	**Postcode**	SA1 8EN		

Distribution board details - Complete in every case

Location: Room 1 Riser [Schneider]
Designation: DB CL4/10
Num. of ways: 4 Num. of phases: 1
Supply polarity confirmed: ☑ Phase sequence confirmed: ☐

Complete only if the distribution board is not connected directly to the origin of the installation

Supply to distribution board is from: Sub Mains(DB CL4, 10/L2)
Overcurrent protective device for the distribution circuit: BS(EN) 61009 RCD/RCBO Type B Rating 32 A Voltage 230 V

Characteristics at this distribution board

Associated RCD(if any): BS (EN) 61008
Z_d 0.29 Ω No. of poles 2
I_{pf} 0.8 kA IΔn 30
Time delay (if applicable) N/A
Operating at 1 IΔn: Above 30mA 28.4 ms
Operating at 5 IΔn: 30mA or below 27.0 ms
(if applicable)

Test instrument serial number(s)

Loop impedance: 100701/4664
Insulation resistance: 100701/4664
Continuity: 100701/4664
RCD: 100701/4664

CIRCUIT DETAILS / TEST RESULTS

Circuit No. and Line No.	Distribution board Designation / Circuit designation	Type of wiring	Ref. method	No. of points	Circuit conductors csa (mm²) L / N	Circuit conductors csa (mm²) CPC	Maximum disconnection	Overcurrent protective devices BS EN Number	Type No.	Rating (A)	Breaking capacity (KA)	RCD operating (mA)	BS 7671 Max. permitted Zs Other 80% (Ω)	Circuit impedance Ω Ring final circuits only (measured end-to-end) r1	rn	r2	Fig 8 check (✓)	All circuits to be completed using R1R2 or R2, not both R1 + R2	R2	Insulation resistance (Record lower reading) Test voltage V	L/L, L/N M(Ω)	L/E, N/E M(Ω)	Polarity (✓)	Max. Measured Zs (Ω)	RCD testing Above 30mA IΔn ms	30mA or below 5 IΔn ms	Manual test button operation RCD (✓)	AFDD (✓)
1/L2	Sockets	A	B	6	2.5	1.5	0.4	60898 MCB	B	10	6	N/A	3.49	N/A	N/A	N/A	N/A	0.21	N/A	250	LIM	>299	✓	0.53	N/A	N/A	N/A	N/A
2/L2	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
3/L2	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
4/L2	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Details of circuits and/or installed equipment vulnerable to damage when testing

Date(s) dead testing: 26/07/2022 To 26/07/2022

Date(s) live testing: 26/07/2022 To 26/07/2022

Tested by: Name (capital letters): LIAM KIMBLE Position: Electrical Test Engineer Date: 26/07/2022

Signature:

Wiring Types. A PVC/PVC, B PVC cables in metallic Conduit, C PVC cables in non-metallic Conduit, D PVC cables in metallic trunking, E PVC cables in non-metallic trunking, F PVC/SWA cables, G SWA/XPLE cables, H Mineral Insulated, MW Metal Work, FM Ferrous Metal, O Other
A/A1 - Single Core PVC Cables (4D1A), A/A2 - Multicore PVC Cables (4D2A), F/F1 - Single-core armoures PVC SWA Cables (4D3A), F/F2 - PVC SWA Cables (4D4A), A/A3 - PVC Twin & Earth (4D5), O/O1 - LSF single core cables 90°C rated (4E1A), O/O2 - Multi-core LSF cables 90°C rated (4E2A), G/G1 - Single-core armoured XLPE cables or 90°C rated (4E3A), G/G2 - Multi-core armoured XLPE cables or 90°C rated (4E4A), H/H1 - MICC exposed to touch (4G1A)

ELECTRICAL INSTALLATION CONDITION REPORT - Schedule of Tests

for Industrial/Commercial Premises

FT/EICR 110151231

Requirements for Electrical Installations
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Company Name	PHS Compliance	**Company Address**	Kid Glove Road	**Postcode**	WA3 3GR	**Branch No.**	**Scheme No.**
Client	UPP Residential Services Ltd	**Installation Address**	Swansea University Bay Campus - Dryslwyn 1B & Nest 2, Reception - Ground Floor Tower Information Centre, Fabian Way, Crymlyn Burrows, Swansea, West Glamorgan	**Postcode**	SA1 8EN		

Distribution board details - Complete in every case

Location: Room 2 Riser [Schneider]
Designation: DB CL4/10-1
Num. of ways: 4 Num. of phases: 1
Supply polarity confirmed: ☑ Phase sequence confirmed: ☐

Complete only if the distribution board is not connected directly to the origin of the installation

Supply to distribution board is from: Sub Mains(DB CL4, 10/L2)
Overcurrent protective device for the distribution circuit: BS(EN) 61009 RCD/RCBO Type B Rating 32 A Voltage 230 V

Characteristics at this distribution board

Associated RCD(if any): BS (EN) 61008
Z_d 0.29 Ω No. of poles 2
I_{pf} 0.8 kA IΔn 30
Time delay (if applicable) N/A
Operating at 1 IΔn: Above 30mA 28.4 ms
Operating at 5 IΔn: 30mA or below 27.0 ms
(if applicable)

Test instrument serial number(s)

Loop impedance: 100701/4664
Insulation resistance: 100701/4664
Continuity: 100701/4664
RCD: 100701/4664

CIRCUIT DETAILS / TEST RESULTS

Circuit No. and Line No.	Distribution board Designation / Circuit designation	Type of wiring	Ref. method	No. of points	Circuit conductors csa (mm²) L / N	Circuit conductors csa (mm²) CPC	Maximum disconnection	Overcurrent protective devices BS EN Number	Type No.	Rating (A)	Breaking capacity (KA)	RCD operating (mA)	BS 7671 Max. permitted Zs Other 80% (Ω)	Circuit impedance Ω Ring final circuits only (measured end-to-end) r1	rn	r2	Fig 8 check (✓)	All circuits to be completed using R1R2 or R2, not both R1 + R2	R2	Insulation resistance (Record lower reading) Test voltage V	L/L, L/N M(Ω)	L/E, N/E M(Ω)	Polarity (✓)	Max. Measured Zs (Ω)	RCD testing Above 30mA IΔn ms	30mA or below 5 IΔn ms	Manual test button operation RCD (✓)	AFDD (✓)
1/L2	Sockets	A	B	6	2.5	1.5	0.4	60898 MCB	B	10	6	N/A	3.49	N/A	N/A	N/A	N/A	0.14	N/A	250	LIM	>299	✓	0.55	N/A	N/A	N/A	N/A
2/L2	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
3/L2	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
4/L2	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Details of circuits and/or installed equipment vulnerable to damage when testing

Date(s) dead testing: 26/07/2022 To 26/07/2022

Date(s) live testing: 26/07/2022 To 26/07/2022

Tested by: Name (capital letters): LIAM KIMBLE Position: Electrical Test Engineer Date: 26/07/2022

Signature:

Wiring Types. A PVC/PVC, B PVC cables in metallic Conduit, C PVC cables in non-metallic Conduit, D PVC cables in metallic trunking, E PVC cables in non-metallic trunking, F PVC/SWA cables, G SWA/XPLE cables, H Mineral Insulated, MW Metal Work, FM Ferrous Metal, O Other
A/A1 - Single Core PVC Cables (4D1A), A/A2 - Multicore PVC Cables (4D2A), F/F1 - Single-core armoures PVC SWA Cables (4D3A), F/F2 - PVC SWA Cables (4D4A), A/A3 - PVC Twin & Earth (4D5), O/O1 - LSF single core cables 90°C rated (4E1A), O/O2 - Multi-core LSF cables 90°C rated (4E2A), G/G1 - Single-core armoured XLPE cables or 90°C rated (4E3A), G/G2 - Multi-core armoured XLPE cables or 90°C rated (4E4A), H/H1 - MICC exposed to touch (4G1A)

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Company Name	PHS Compliance	**Company Address**	Kid Glove Road	**Postcode**	WA3 3GR	**Branch No.**	**Scheme No.**
Client	UPP Residential Services Ltd	**Installation Address**	Swansea University Bay Campus - Dryslwyn 1B & Nest 2, Reception - Ground Floor Tower Information Centre, Fabian Way, Crymlyn Burrows, Swansea, West Glamorgan	**Postcode**	SA1 8EN		

Distribution board details - Complete in every case

Location: Room 3 Riser [Schneider]
Designation: DB CL4/11
Num. of ways: 4 Num. of phases: 1
Supply polarity confirmed: ☑ Phase sequence confirmed: ☐

Complete only if the distribution board is not connected directly to the origin of the installation

Supply to distribution board is from: Sub Mains(DB CL4, 11/L2)
Overcurrent protective device for the distribution circuit: BS(EN) 61009 RCD/RCBO Type B Rating 32 A Voltage 230 V

Characteristics at this distribution board

Associated RCD(if any): BS (EN) 61008
Z_d 0.33 Ω No. of poles 2
I_{pf} 0.66 kA IΔn 30
Time delay (if applicable) N/A
Operating at 1 IΔn: Above 30mA 28.8 ms
Operating at 5 IΔn: 30mA or below 24.3 ms
(if applicable)

Test instrument serial number(s)

Loop impedance: 100701/4664
Insulation resistance: 100701/4664
Continuity: 100701/4664
RCD: 100701/4664

CIRCUIT DETAILS / TEST RESULTS

Circuit No. and Line No.	Distribution board Designation / Circuit designation	Type of wiring	Ref. method	No. of points	Circuit conductors csa (mm²) L / N	Circuit conductors csa (mm²) CPC	Maximum disconnection	Overcurrent protective devices BS EN Number	Type No.	Rating (A)	Breaking capacity (KA)	RCD operating (mA)	BS 7671 Max. permitted Zs Other 80% (Ω)	Circuit impedance Ω Ring final circuits only (measured end-to-end) r1	rn	r2	Fig 8 check (✓)	All circuits to be completed using R1R2 or R2, not both R1 + R2	R2	Insulation resistance (Record lower reading) Test voltage V	L/L, L/N M(Ω)	L/E, N/E M(Ω)	Polarity (✓)	Max. Measured Zs (Ω)	RCD testing Above 30mA IΔn ms	30mA or below 5 IΔn ms	Manual test button operation RCD (✓)	AFDD (✓)
1/L2	Sockets	A	B	6	2.5	1.5	0.4	60898 MCB	B	10	6	N/A	3.49	N/A	N/A	N/A	N/A	0.12	N/A	250	LIM	>299	✓	0.56	N/A	N/A	N/A	N/A
2/L2	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
3/L2	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
4/L2	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Details of circuits and/or installed equipment vulnerable to damage when testing

Date(s) dead testing: 26/07/2022 To 26/07/2022

Date(s) live testing: 26/07/2022 To 26/07/2022

Tested by: Name (capital letters): LIAM KIMBLE Position: Electrical Test Engineer Date: 26/07/2022

Signature:

Wiring Types. A PVC/PVC, B PVC cables in metallic Conduit, C PVC cables in non-metallic Conduit, D PVC cables in metallic trunking, E PVC cables in non-metallic trunking, F PVC/SWA cables, G SWA/XPLE cables, H Mineral Insulated, MW Metal Work, FM Ferrous Metal, O Other
A/A1 - Single Core PVC Cables (4D1A), A/A2 - Multicore PVC Cables (4D2A), F/F1 - Single-core armoures PVC SWA Cables (4D3A), F/F2 - PVC SWA Cables (4D4A), A/A3 - PVC Twin & Earth (4D5), O/O1 - LSF single core cables 90°C rated (4E1A), O/O2 - Multi-core LSF cables 90°C rated (4E2A), G/G1 - Single-core armoured XLPE cables or 90°C rated (4E3A), G/G2 - Multi-core armoured XLPE cables or 90°C rated (4E4A), H/H1 - MICC exposed to touch (4G1A)

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Company Name	PHS Compliance	**Company Address**	Kid Glove Road	**Postcode**	WA3 3GR	**Branch No.**	**Scheme No.**
Client	UPP Residential Services Ltd	**Installation Address**	Swansea University Bay Campus - Dryslwyn 1B & Nest 2, Reception - Ground Floor Tower Information Centre, Fabian Way, Crymlyn Burrows, Swansea, West Glamorgan	**Postcode**	SA1 8EN		

Distribution board details - Complete in every case

Location: Room 4 Riser [Schneider]
Designation: DB CL4/11-1
Num. of ways: 4 Num. of phases: 1
Supply polarity confirmed: ☑ Phase sequence confirmed: ☐

Complete only if the distribution board is not connected directly to the origin of the installation

Supply to distribution board is from: Sub Mains(DB CL4, 11/L2)
Overcurrent protective device for the distribution circuit: BS(EN) 61009 RCD/RCBO Type B Rating 32 A Voltage 230 V

Characteristics at this distribution board

Associated RCD(if any): BS (EN) 61008
Z_d 0.33 Ω No. of poles 2
I_{pf} 0.66 kA IΔn 30
Time delay (if applicable) N/A
Operating at 1 IΔn: Above 30mA 28.8 ms
Operating at 5 IΔn: 30mA or below 24.3 ms
(if applicable)

Test instrument serial number(s)

Loop impedance: 100701/4664
Insulation resistance: 100701/4664
Continuity: 100701/4664
RCD: 100701/4664

CIRCUIT DETAILS / TEST RESULTS

Circuit No. and Line No.	Distribution board Designation / Circuit designation	Type of wiring	Ref. method	No. of points	Circuit conductors csa (mm²) L / N	Circuit conductors csa (mm²) CPC	Maximum disconnection	Overcurrent protective devices BS EN Number	Type No.	Rating (A)	Breaking capacity (KA)	RCD operating (mA)	BS 7671 Max. permitted Zs Other 80% (Ω)	Circuit impedance Ω Ring final circuits only (measured end-to-end) r1	rn	r2	Fig 8 check (✓)	All circuits to be completed using R1R2 or R2, not both R1 + R2	R2	Insulation resistance (Record lower reading) Test voltage V	L/L, L/N M(Ω)	L/E, N/E M(Ω)	Polarity (✓)	Max. Measured Zs (Ω)	RCD testing Above 30mA IΔn ms	30mA or below 5 IΔn ms	Manual test button operation RCD (✓)	AFDD (✓)
1/L2	Sockets	A	B	6	2.5	1.5	0.4	60898 MCB	B	10	6	N/A	3.49	N/A	N/A	N/A	N/A	0.15	N/A	250	LIM	>299	✓	0.58	N/A	N/A	N/A	N/A
2/L2	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
3/L2	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
4/L2	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Details of circuits and/or installed equipment vulnerable to damage when testing

Date(s) dead testing: 26/07/2022 To 26/07/2022

Date(s) live testing: 26/07/2022 To 26/07/2022

Tested by: Name (capital letters): LIAM KIMBLE Position: Electrical Test Engineer Date: 26/07/2022

Signature:

Wiring Types. A PVC/PVC, B PVC cables in metallic Conduit, C PVC cables in non-metallic Conduit, D PVC cables in metallic trunking, E PVC cables in non-metallic trunking, F PVC/SWA cables, G SWA/XPLE cables, H Mineral Insulated, MW Metal Work, FM Ferrous Metal, O Other
A/A1 - Single Core PVC Cables (4D1A), A/A2 - Multicore PVC Cables (4D2A), F/F1 - Single-core armoures PVC SWA Cables (4D3A), F/F2 - PVC SWA Cables (4D4A), A/A3 - PVC Twin & Earth (4D5), O/O1 - LSF single core cables 90°C rated (4E1A), O/O2 - Multi-core LSF cables 90°C rated (4E2A), G/G1 - Single-core armoured XLPE cables or 90°C rated (4E3A), G/G2 - Multi-core armoured XLPE cables or 90°C rated (4E4A), H/H1 - MICC exposed to touch (4G1A)

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Company Name	PHS Compliance	**Company Address**	Kid Glove Road	**Postcode**	WA3 3GR	**Branch No.**	**Scheme No.**
Client	UPP Residential Services Ltd	**Installation Address**	Swansea University Bay Campus - Dryslwyn 1B & Nest 2, Reception - Ground Floor Tower Information Centre, Fabian Way, Crymlyn Burrows, Swansea, West Glamorgan	**Postcode**	SA1 8EN		

Distribution board details - Complete in every case

Location: Flat 7 Drwslwyn [Schneider]
Designation: DB CL5
Num. of ways: 18 Num. of phases: 1
Supply polarity confirmed ☑ Phase sequence confirmed ☐

Complete only if the distribution board is not connected directly to the origin of the installation

Supply to distribution board is from: Sub Mains(BB Dryslwyn, 2/L3)
Overcurrent protective device for the distribution circuit: BS(EN) 88-2 HRC Type gG Rating 63 A Voltage 400/230 V

Characteristics at this distribution board

Associated RCD(if any): BS (EN) N/A
Z_d 0.10 Ω No. of poles N/A
I_{pf} 2.4 kA IΔn N/A
Time delay (if applicable) N/A
Operating at 1 IΔn: Above 30mA N/A ms; 30mA or below
Operating at 5 IΔn N/A ms (if applicable)

Test instrument serial number(s)

Loop impedance 100701/4664
Insulation resistance 100701/4664
Continuity 100701/4664
RCD 100701/4664

CIRCUIT DETAILS / TEST RESULTS

Circuit No. and Line No.	Distribution board Designation / Circuit designation	Type of wiring	Ref. method	No. of points	Circuit conductors csa (mm²) L / N	Circuit conductors csa (mm²) CPC	Maximum disconnection	Overcurrent protective devices BS EN Number	Type No.	Rating (A)	Breaking capacity (KA)	RCD operating (mA)	BS 7671 Max. permitted Zs Other 80% (Ω)	Circuit impedance Ω: Ring final circuits only (measured end-to-end) r1	rn	r2	Fig 8 check (✓)	All circuits to be completed using R1R2 or R2, not both: R1 + R2	R2	Insulation resistance (Record lower reading): Test voltage V	L/L, L/N M(Ω)	L/E, N/E M(Ω)	Polarity (✓)	Max. Measured Zs (Ω)	RCD testing: Above 30mA IΔn ms	30mA or below 5 IΔn ms	Manual test button operation: RCD (✓)	AFDD (✓)
1/L3	Bedroom Lighting 1	A	B	8	1.5	1	0.4	61009 RCD/RCBO	C	10	10	30	1.75	N/A	N/A	N/A	N/A	0.24	N/A	250	LIM	>299	✓	0.63	28.4	26.2	✓	N/A
2/L3	Bedroom Lighting 2	A	B	8	1.5	1	0.4	61009 RCD/RCBO	C	10	10	30	1.75	N/A	N/A	N/A	N/A	0.29	N/A	250	LIM	>299	✓	0.41	24.0	20.4	✓	N/A
3/L3	Bedroom Lighting 3	A	B	8	1.5	1	0.4	61009 RCD/RCBO	C	10	10	30	1.75	N/A	N/A	N/A	N/A	0.34	N/A	250	LIM	>299	✓	0.55	27.2	27.0	✓	N/A
4/L3	Common Room Lights	A	B	6	1.5	1	0.4	61009 RCD/RCBO	C	10	10	30	1.75	N/A	N/A	N/A	N/A	0.41	N/A	250	LIM	>299	✓	0.61	29.0	24.6	✓	N/A
5/L3	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
6/L3	Common Room Sockets	A	B	6	2x2.5	2x1.5	0.4	61009 RCD/RCBO	B	32	10	30	1.09	0.22	0.22	0.35	✓	0.14	N/A	250	LIM	>299	✓	0.35	28.6	25.4	✓	N/A
7/L3	Common Room Socket 2	A	B	6	2x2.5	2x1.5	0.4	61009 RCD/RCBO	B	32	10	30	1.09	0.21	0.21	0.42	✓	0.16	N/A	250	LIM	>299	✓	0.42	24.8	21.8	✓	N/A
8/L3	Hob 1	A	B	1	10	4	0.4	61009 RCD/RCBO	B	32	10	30	1.09	N/A	N/A	N/A	N/A	0.10	N/A	250	LIM	>299	✓	0.22	28.8	27.4	✓	N/A
9/L3	Hob 2	A	B	1	10	4	0.4	61009 RCD/RCBO	B	32	10	30	1.09	N/A	N/A	N/A	N/A	0.14	N/A	250	LIM	>299	✓	0.30	32.6	19.4	✓	N/A
10/L3	Sub Mains(DB CL5/10, DB CL5/10-1)	A	B	2	2x2.5	2x1.5	0.4	61009 RCD/RCBO	B	32	10	30	1.09	0.34	0.34	0.45	✓	0.20	N/A	250	LIM	>299	✓	0.38	26.4	25.2	✓	N/A
11/L3	Sub Mains(DB CL5/11, DB CL5/11-1, DB CL5/11-2)	A	B	3	2x2.5	2x1.5	0.4	61009 RCD/RCBO	B	32	10	30	1.09	0.40	0.40	0.52	✓	0.23	N/A	250	LIM	>299	✓	0.40	28.8	24.0	✓	N/A
12/L3	Sub Mains(DB CL5/12, DB CL5/12-1, DB CL5/12-2)	A	B	3	2x2.5	2x1.5	0.4	61009 RCD/RCBO	B	32	10	30	1.09	0.35	0.38	0.44	✓	0.20	N/A	250	LIM	>299	✓	0.36	28.4	24.4	✓	N/A
13/L3	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Details of circuits and/or installed equipment vulnerable to damage when testing

Date(s) dead testing 28/07/2022 To 28/07/2022

Date(s) live testing 28/07/2022 To 28/07/2022

Tested by: Name (capital letters) LIAM KIMBLE Position Electrical Test Engineer Date 28/07/2022

Signature

Wiring Types. A PVC/PVC, B PVC cables in metallic Conduit, C PVC cables in non-metallic Conduit, D PVC cables in metallic trunking, E PVC cables in non-metallic trunking, F PVC/SWA cables, G SWA/XPLE cables, H Mineral Insulated, MW Metal Work, FM Ferrous Metal, O Other
A/A1 - Single Core PVC Cables (4D1A), A/A2 - Multicore PVC Cables (4D2A), F/F1 - Single-core armoures PVC SWA Cables (4D3A), F/F2 - PVC SWA Cables (4D4A), A/A3 - PVC Twin & Earth (4D5), O/O1 - LSF single core cables 90°C rated (4E1A), O/O2 - Multi-core LSF cables 90°C rated (4E2A), G/G1 - Single-core armoured XLPE cables or 90°C rated (4E3A), G/G2 - Multi-core armoured XLPE cables or 90°C rated (4E4A), H/H1 - MICC exposed to touch (4G1A)

ELECTRICAL INSTALLATION CONDITION REPORT - Schedule of Tests

FT/EICR 110151231

for Industrial/Commercial Premises

Requirements for Electrical Installations
BS 7671:2018 (IET Wiring Regulations 18th Edition)

CIRCUIT DETAILS														TEST RESULTS																
Circuit No. and Line No.	Distribution board Designation / Circuit designation	Type of wiring	Ref. method	No. of points	Circuit conductors csa (mm²) L / N	Circuit conductors csa (mm²) CPC	Maximum disconnection	Overcurrent protective devices BS EN Number	Overcurrent protective devices Type No.	Overcurrent protective devices Rating (A)	Breaking capacity (KA)	RCD operating (mA)	BS 7671 Max. permitted Zs Other 80% (Ω)	Circuit impedance Ω Ring final circuits only (measured end-to-end) r1	rn	r2	Fig 8 check (✓)	All circuits to be completed using R1R2 or R2, not both R1 + R2	R2	Insulation resistance (Record lower reading) Test voltage V	L/L, L/N M(Ω)	L/E, N/E M(Ω)	Polarity (✓)	Max. Measured Zs (Ω)	RCD testing Above 30mA IΔn ms	30mA or below 5 IΔn ms	Manual test button operation RCD (✓)	AFDD (✓)
14/L3	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
15/L3	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
16/L3	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
17/L3	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
18/L3	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Details of circuits and/or installed equipment vulnerable to damage when testing

Date(s) dead testing 28/07/2022 To 28/07/2022

Date(s) live testing 28/07/2022 To 28/07/2022

Tested by: Name (capital letters) LIAM KIMBLE Position Electrical Test Engineer Date 28/07/2022

Signature

Wiring Types. A PVC/PVC, B PVC cables in metallic Conduit, C PVC cables in non-metallic Conduit, D PVC cables in metallic trunking, E PVC cables in non-metallic trunking, F PVC/SWA cables, G SWA/XPLE cables, H Mineral Insulated, MW Metal Work, FM Ferrous Metal, O Other
A/A1 - Single Core PVC Cables (4D1A), A/A2 - Multicore PVC Cables (4D2A), F/F1 - Single-core armoures PVC SWA Cables (4D3A), F/F2 - PVC SWA Cables (4D4A), A/A3 - PVC Twin & Earth (4D5), O/O1 - LSF single core cables 90°C rated (4E1A), O/O2 - Multi-core LSF cables 90°C rated (4E2A), G/G1 - Single-core armoured XLPE cables or 90°C rated (4E3A), G/G2 - Multi-core armoured XLPE cables or 90°C rated (4E4A), H/H1 - MICC exposed to touch (4G1A)

ELECTRICAL INSTALLATION CONDITION REPORT - Schedule of Tests

for Industrial/Commercial Premises

FT/EICR 110151231

Requirements for Electrical Installations
BS 7671:2018 (IET Wiring Regulations 18th Edition)

Company Name	PHS Compliance	**Company Address**	Kid Glove Road	**Postcode**	WA3 3GR	**Branch No.**	**Scheme No.**
Client	UPP Residential Services Ltd	**Installation Address**	Swansea University Bay Campus - Dryslwyn 1B & Nest 2, Reception - Ground Floor Tower Information Centre, Fabian Way, Crymlyn Burrows, Swansea, West Glamorgan	**Postcode**	SA1 8EN		

Distribution board details - Complete in every case

Location: Room 5 Riser [Schneider]
Designation: DB CL5/10
Num. of ways: 4 Num. of phases: 1
Supply polarity confirmed: ☑ Phase sequence confirmed: ☐

Complete only if the distribution board is not connected directly to the origin of the installation

Supply to distribution board is from: Sub Mains(DB CL5 , 10/L3)
Overcurrent protective device for the distribution circuit: BS(EN) 61009 RCD/RCBO Type B Rating 32 A Voltage 230 V

Characteristics at this distribution board

Associated RCD(if any): BS (EN) 61008
Z_d 0.38 Ω No. of poles 2
I_{pf} 0.7 kA IΔn 30
Time delay (if applicable) N/A
Operating at 1 IΔn Above 30mA 26.4 ms
Operating at 5 IΔn 30mA or below 25.2 ms
(if applicable)

Test instrument serial number(s)

Loop impedance 100701/4664
Insulation resistance 100701/4664
Continuity 100701/4664
RCD 100701/4664

CIRCUIT DETAILS / TEST RESULTS

Circuit No. and Line No.	Distribution board Designation / Circuit designation	Type of wiring	Ref. method	No. of points	Circuit conductors csa (mm²) L / N	Circuit conductors csa (mm²) CPC	Maximum disconnection	Overcurrent protective devices BS EN Number	Type No.	Rating (A)	Breaking capacity (KA)	RCD operating (mA)	BS 7671 Max. permitted Zs Other 80% (Ω)	Circuit impedance Ω Ring final circuits only (measured end-to-end) r1	rn	r2	Fig 8 check (✓)	All circuits to be completed using R1R2 or R2, not both R1 + R2	R2	Insulation resistance (Record lower reading) Test voltage V	L/L, L/N M(Ω)	L/E, N/E M(Ω)	Polarity (✓)	Max. Measured Zs (Ω)	RCD testing Above 30mA IΔn ms	30mA or below 5 IΔn ms	Manual test button operation RCD (✓)	AFDD (✓)
1/L3	Sockets	A	B	6	2.5	1.5	0.4	60898 MCB	B	10	6	N/A	3.49	N/A	N/A	N/A	N/A	0.16	N/A	250	LIM	>299	✓	0.58	N/A	N/A	N/A	N/A
2/L3	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
3/L3	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
4/L3	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Details of circuits and/or installed equipment vulnerable to damage when testing

Date(s) dead testing 26/07/2022 To 26/07/2022

Date(s) live testing 26/07/2022 To 26/07/2022

Tested by: Name (capital letters) LIAM KIMBLE Position Electrical Test Engineer Date 26/07/2022

Signature

Wiring Types. A PVC/PVC, B PVC cables in metallic Conduit, C PVC cables in non-metallic Conduit, D PVC cables in metallic trunking, E PVC cables in non-metallic trunking, F PVC/SWA cables, G SWA/XPLE cables, H Mineral Insulated, MW Metal Work, FM Ferrous Metal, O Other
A/A1 - Single Core PVC Cables (4D1A), A/A2 - Multicore PVC Cables (4D2A), F/F1 - Single-core armoures PVC SWA Cables (4D3A), F/F2 - PVC SWA Cables (4D4A), A/A3 - PVC Twin & Earth (4D5), O/O1 - LSF single core cables 90°C rated (4E1A), O/O2 - Multi-core LSF cables 90°C rated (4E2A), G/G1 - Single-core armoured XLPE cables or 90°C rated (4E3A), G/G2 - Multi-core armoured XLPE cables or 90°C rated (4E4A), H/H1 - MICC exposed to touch (4G1A)

ELECTRICAL INSTALLATION CONDITION REPORT - Schedule of Tests

for Industrial/Commercial Premises

FT/EICR 110151231

Requirements for Electrical Installations
BS 7671:2018 (IET Wiring Regulations 18th Edition)

Company Name	PHS Compliance	**Company Address**	Kid Glove Road	**Postcode**	WA3 3GR	**Branch No.**	**Scheme No.**
Client	UPP Residential Services Ltd	**Installation Address**	Swansea University Bay Campus - Dryslwyn 1B & Nest 2, Reception - Ground Floor Tower Information Centre, Fabian Way, Crymlyn Burrows, Swansea, West Glamorgan	**Postcode**	SA1 8EN		

Distribution board details - Complete in every case

Location: Room 6 Riser [Schneider]
Designation: DB CL5/10-1
Num. of ways: 4 Num. of phases: 1
Supply polarity confirmed: ☑ Phase sequence confirmed: ☐

Complete only if the distribution board is not connected directly to the origin of the installation

Supply to distribution board is from: Sub Mains(DB CL5 , 10/L3)
Overcurrent protective device for the distribution circuit: BS(EN) 61009 RCD/RCBO Type B Rating 32 A Voltage 230 V

Characteristics at this distribution board

Associated RCD(if any): BS (EN) 61008
Z_d 0.38 Ω No. of poles 2
I_{pf} 0.7 kA IΔn 30
Time delay (if applicable) N/A
Above 30mA Operating at 1 IΔn 26.4 ms
30mA or below Operating at 5 IΔn 25.2 ms
(if applicable)

Test instrument serial number(s)

Loop impedance 100701/4664
Insulation resistance 100701/4664
Continuity 100701/4664
RCD 100701/4664

CIRCUIT DETAILS / TEST RESULTS

Circuit No. and Line No.	Distribution board Designation / Circuit designation	Type of wiring	Ref. method	No. of points	Circuit conductors csa (mm²) L / N	Circuit conductors csa (mm²) CPC	Maximum disconnection	Overcurrent protective devices BS EN Number	Type No.	Rating (A)	Breaking capacity (KA)	RCD operating (mA)	BS 7671 Max. permitted Zs Other 80% (Ω)	Circuit impedance Ω Ring final circuits only (measured end-to-end) r1	rn	r2	Fig 8 check (✓)	All circuits to be completed using R1R2 or R2, not both R1 + R2	R2	Insulation resistance (Record lower reading) Test voltage V	L/L, L/N M(Ω)	L/E, N/E M(Ω)	Polarity (✓)	Max. Measured Zs (Ω)	RCD testing Above 30mA IΔn ms	30mA or below 5 IΔn ms	Manual test button operation RCD (✓)	AFDD (✓)
1/L3	Sockets	A	B	6	2.5	1.5	0.4	60898 MCB	B	10	6	N/A	3.49	N/A	N/A	N/A	N/A	0.15	N/A	250	LIM	>299	✓	0.58	N/A	N/A	N/A	N/A
2/L3	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
3/L3	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
4/L3	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Details of circuits and/or installed equipment vulnerable to damage when testing

Date(s) dead testing 26/07/2022 To 26/07/2022

Date(s) live testing 26/07/2022 To 26/07/2022

Tested by: Name (capital letters) LIAM KIMBLE Position Electrical Test Engineer Date 26/07/2022

Signature

Wiring Types. A PVC/PVC, B PVC cables in metallic Conduit, C PVC cables in non-metallic Conduit, D PVC cables in metallic trunking, E PVC cables in non-metallic trunking, F PVC/SWA cables, G SWA/XPLE cables, H Mineral Insulated, MW Metal Work, FM Ferrous Metal, O Other
A/A1 - Single Core PVC Cables (4D1A), A/A2 - Multicore PVC Cables (4D2A), F/F1 - Single-core armoures PVC SWA Cables (4D3A), F/F2 - PVC SWA Cables (4D4A), A/A3 - PVC Twin & Earth (4D5), O/O1 - LSF single core cables 90°C rated (4E1A), O/O2 - Multi-core LSF cables 90°C rated (4E2A), G/G1 - Single-core armoured XLPE cables or 90°C rated (4E3A), G/G2 - Multi-core armoured XLPE cables or 90°C rated (4E4A), H/H1 - MICC exposed to touch (4G1A)

ELECTRICAL INSTALLATION CONDITION REPORT - Schedule of Tests

for Industrial/Commercial Premises

FT/EICR 110151231

Requirements for Electrical Installations
BS 7671:2018 (IET Wiring Regulations 18th Edition)

Company Name	PHS Compliance	**Company Address**	Kid Glove Road	**Postcode**	WA3 3GR	**Branch No.**	**Scheme No.**
Client	UPP Residential Services Ltd	**Installation Address**	Swansea University Bay Campus - Dryslwyn 1B & Nest 2, Reception - Ground Floor Tower Information Centre, Fabian Way, Crymlyn Burrows, Swansea, West Glamorgan	**Postcode**	SA1 8EN		

Distribution board details - Complete in every case

Location: Room 7 Riser [Schneider]
Designation: DB CL5/11
Num. of ways: 4 Num. of phases: 1
Supply polarity confirmed: ☑ Phase sequence confirmed: ☐

Complete only if the distribution board is not connected directly to the origin of the installation

Supply to distribution board is from: Sub Mains(DB CL5 , 11/L3)
Overcurrent protective device for the distribution circuit: BS(EN) 61009 RCD/RCBO Type B Rating 32 A Voltage 230 V

Characteristics at this distribution board

Associated RCD(if any): BS (EN) 61008
Z_d 0.40 Ω No. of poles 2
I_{pf} 0.66 kA IΔn 30
Time delay (if applicable) N/A
Operating at 1 IΔn: Above 30mA 28.8 ms
Operating at 5 IΔn: 30mA or below 24.0 ms
(if applicable)

Test instrument serial number(s)

Loop impedance: 100701/4664
Insulation resistance: 100701/4664
Continuity: 100701/4664
RCD: 100701/4664

CIRCUIT DETAILS / TEST RESULTS

Circuit No. and Line No.	Distribution board Designation / Circuit designation	Type of wiring	Ref. method	No. of points	Circuit conductors csa (mm²) L / N	Circuit conductors csa (mm²) CPC	Maximum disconnection	Overcurrent protective devices BS EN Number	Type No.	Rating (A)	Breaking capacity (KA)	RCD operating (mA)	BS 7671 Max. permitted Zs Other 80% (Ω)	Circuit impedance Ω Ring final circuits only (measured end-to-end) r1	rn	r2	Fig 8 check (✓)	All circuits to be completed using R1R2 or R2, not both R1 + R2	R2	Insulation resistance (Record lower reading) Test voltage V	L/L, L/N M(Ω)	L/E, N/E M(Ω)	Polarity (✓)	Max. Measured Zs (Ω)	RCD testing Above 30mA IΔn ms	30mA or below 5 IΔn ms	Manual test button operation RCD (✓)	AFDD (✓)
1/L3	Sockets	A	B	6	2.5	1.5	0.4	60898 MCB	B	10	6	N/A	3.49	N/A	N/A	N/A	N/A	0.20	N/A	250	LIM	>299	✓	0.75	N/A	N/A	N/A	N/A
2/L3	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
3/L3	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
4/L3	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Details of circuits and/or installed equipment vulnerable to damage when testing

Date(s) dead testing: 26/07/2022 To 26/07/2022

Date(s) live testing: 26/07/2022 To 26/07/2022

Tested by: Name (capital letters): LIAM KIMBLE Position: Electrical Test Engineer Date: 26/07/2022

Signature:

Wiring Types. A PVC/PVC, B PVC cables in metallic Conduit, C PVC cables in non-metallic Conduit, D PVC cables in metallic trunking, E PVC cables in non-metallic trunking, F PVC/SWA cables, G SWA/XPLE cables, H Mineral Insulated, MW Metal Work, FM Ferrous Metal, O Other
A/A1 - Single Core PVC Cables (4D1A), A/A2 - Multicore PVC Cables (4D2A), F/F1 - Single-core armoures PVC SWA Cables (4D3A), F/F2 - PVC SWA Cables (4D4A), A/A3 - PVC Twin & Earth (4D5), O/O1 - LSF single core cables 90°C rated (4E1A), O/O2 - Multi-core LSF cables 90°C rated (4E2A), G/G1 - Single-core armoured XLPE cables or 90°C rated (4E3A), G/G2 - Multi-core armoured XLPE cables or 90°C rated (4E4A), H/H1 - MICC exposed to touch (4G1A)

ELECTRICAL INSTALLATION CONDITION REPORT - Schedule of Tests

for Industrial/Commercial Premises

FT/EICR 110151231

Requirements for Electrical Installations
BS 7671:2018 (IET Wiring Regulations 18th Edition)

Company Name	PHS Compliance	**Company Address**	Kid Glove Road	**Postcode**	WA3 3GR	**Branch No.**	**Scheme No.**
Client	UPP Residential Services Ltd	**Installation Address**	Swansea University Bay Campus - Dryslwyn 1B & Nest 2, Reception - Ground Floor Tower Information Centre, Fabian Way, Crymlyn Burrows, Swansea, West Glamorgan	**Postcode**	SA1 8EN		

Distribution board details - Complete in every case

Location: Room 8 Riser [Schneider]
Designation: DB CL5/11-1
Num. of ways: 4 Num. of phases: 1
Supply polarity confirmed: ☑ Phase sequence confirmed: ☐

Complete only if the distribution board is not connected directly to the origin of the installation

Supply to distribution board is from: Sub Mains(DB CL5 , 11/L3)
Overcurrent protective device for the distribution circuit: BS(EN) 61009 RCD/RCBO Type B Rating 32 A Voltage 230 V

Characteristics at this distribution board

Associated RCD(if any): BS (EN) 61008
Z_d 0.40 Ω No. of poles 2
I_{pf} 0.66 kA IΔn 30
Time delay (if applicable) N/A
Operating at 1 IΔn: Above 30mA 28.8 ms
Operating at 5 IΔn: 30mA or below 24.0 ms
(if applicable)

Test instrument serial number(s)

Loop impedance: 100701/4664
Insulation resistance: 100701/4664
Continuity: 100701/4664
RCD: 100701/4664

CIRCUIT DETAILS / TEST RESULTS

Circuit No. and Line No.	Distribution board Designation: DB CL5/11-1 / Circuit designation	Type of wiring	Ref. method	No. of points	Circuit conductors csa (mm²): L / N	CPC	Maximum disconnection	Overcurrent protective devices: BS EN Number	Type No.	Rating (A)	Breaking capacity (KA)	RCD operating (mA)	BS 7671 Max. permitted Zs Other 80% (Ω)	Circuit impedance Ω: Ring final circuits only (measured end-to-end) r1	rn	r2	Fig 8 check (✓)	All circuits to be completed using R1R2 or R2, not both: R1 + R2	R2	Insulation resistance (Record lower reading): Test voltage V	L/L, L/N M(Ω)	L/E, N/E M(Ω)	Polarity (✓)	Max. Measured Zs (Ω)	RCD testing: Above 30mA IΔn ms	30mA or below 5 IΔn ms	Manual test button operation: RCD (✓)	AFDD (✓)
1/L3	Sockets	A	B	6	2.5	1.5	0.4	60898 MCB	B	10	6	N/A	3.49	N/A	N/A	N/A	N/A	0.14	N/A	250	LIM	>299	✓	0.59	N/A	N/A	N/A	N/A
2/L3	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
3/L3	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
4/L3	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Details of circuits and/or installed equipment vulnerable to damage when testing

Date(s) dead testing: 26/07/2022 To 26/07/2022

Date(s) live testing: 26/07/2022 To 26/07/2022

Tested by: Name (capital letters): LIAM KIMBLE Position: Electrical Test Engineer Date: 26/07/2022

Signature:

Wiring Types. A PVC/PVC, B PVC cables in metallic Conduit, C PVC cables in non-metallic Conduit, D PVC cables in metallic trunking, E PVC cables in non-metallic trunking, F PVC/SWA cables, G SWA/XPLE cables, H Mineral Insulated, MW Metal Work, FM Ferrous Metal, O Other
A/A1 - Single Core PVC Cables (4D1A), A/A2 - Multicore PVC Cables (4D2A), F/F1 - Single-core armoures PVC SWA Cables (4D3A), F/F2 - PVC SWA Cables (4D4A), A/A3 - PVC Twin & Earth (4D5), O/O1 - LSF single core cables 90°C rated (4E1A), O/O2 - Multi-core LSF cables 90°C rated (4E2A), G/G1 - Single-core armoured XLPE cables or 90°C rated (4E3A), G/G2 - Multi-core armoured XLPE cables or 90°C rated (4E4A), H/H1 - MICC exposed to touch (4G1A)

ELECTRICAL INSTALLATION CONDITION REPORT - Schedule of Tests

for Industrial/Commercial Premises

FT/EICR 110151231

Requirements for Electrical Installations
BS 7671:2018 (IET Wiring Regulations 18th Edition)

Company Name	PHS Compliance	**Company Address**	Kid Glove Road	**Postcode**	WA3 3GR	**Branch No.**	**Scheme No.**
Client	UPP Residential Services Ltd	**Installation Address**	Swansea University Bay Campus - Dryslwyn 1B & Nest 2, Reception - Ground Floor Tower Information Centre, Fabian Way, Crymlyn Burrows, Swansea, West Glamorgan	**Postcode**	SA1 8EN		

Distribution board details - Complete in every case

Location: Room 9 Riser [Schneider]
Designation: DB CL5/11-2
Num. of ways: 4 Num. of phases: 1
Supply polarity confirmed: ☑ Phase sequence confirmed: ☐

Complete only if the distribution board is not connected directly to the origin of the installation

Supply to distribution board is from: Sub Mains(DB CL5 , 11/L3)
Overcurrent protective device for the distribution circuit: BS(EN) 61009 RCD/RCBO Type B Rating 32 A Voltage 230 V

Characteristics at this distribution board

Associated RCD(if any): BS (EN) 61008
Z_d 0.40 Ω No. of poles 2
I_{pf} 0.66 kA IΔn 30
Time delay (if applicable) N/A
Above 30mA Operating at 1 IΔn 28.8 ms
30mA or below Operating at 5 IΔn 24.0 ms
(if applicable)

Test instrument serial number(s)

Loop impedance 100701/4664
Insulation resistance 100701/4664
Continuity 100701/4664
RCD 100701/4664

CIRCUIT DETAILS / TEST RESULTS

Circuit No. and Line No.	Distribution board Designation / Circuit designation	Type of wiring	Ref. method	No. of points	Circuit conductors csa (mm²) L / N	Circuit conductors csa (mm²) CPC	Maximum disconnection	Overcurrent protective devices BS EN Number	Type No.	Rating (A)	Breaking capacity (KA)	RCD operating (mA)	BS 7671 Max. permitted Zs Other 80% (Ω)	Circuit impedance Ω Ring final circuits only (measured end-to-end) r1	rn	r2	Fig 8 check (✓)	All circuits to be completed using R1R2 or R2, not both R1 + R2	R2	Insulation resistance (Record lower reading) Test voltage V	L/L, L/N M(Ω)	L/E, N/E M(Ω)	Polarity (✓)	Max. Measured Zs (Ω)	RCD testing Above 30mA IΔn ms	30mA or below 5 IΔn ms	Manual test button operation RCD (✓)	AFDD (✓)
1/L3	Sockets	A	B	6	2.5	1.5	0.4	60898 MCB	B	10	6	N/A	3.49	N/A	N/A	N/A	N/A	0.25	N/A	250	LIM	>299	✓	0.63	N/A	N/A	N/A	N/A
2/L3	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
3/L3	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
4/L3	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Details of circuits and/or installed equipment vulnerable to damage when testing

Date(s) dead testing 26/07/2022 To 26/07/2022

Date(s) live testing 26/07/2022 To 26/07/2022

Tested by: Name (capital letters) LIAM KIMBLE Position Electrical Test Engineer Date 26/07/2022

Signature

Wiring Types. A PVC/PVC, B PVC cables in metallic Conduit, C PVC cables in non-metallic Conduit, D PVC cables in metallic trunking, E PVC cables in non-metallic trunking, F PVC/SWA cables, G SWA/XPLE cables, H Mineral Insulated, MW Metal Work, FM Ferrous Metal, O Other
A/A1 - Single Core PVC Cables (4D1A), A/A2 - Multicore PVC Cables (4D2A), F/F1 - Single-core armoures PVC SWA Cables (4D3A), F/F2 - PVC SWA Cables (4D4A), A/A3 - PVC Twin & Earth (4D5), O/O1 - LSF single core cables 90°C rated (4E1A), O/O2 - Multi-core LSF cables 90°C rated (4E2A), G/G1 - Single-core armoured XLPE cables or 90°C rated (4E3A), G/G2 - Multi-core armoured XLPE cables or 90°C rated (4E4A), H/H1 - MICC exposed to touch (4G1A)

ELECTRICAL INSTALLATION CONDITION REPORT - Schedule of Tests

for Industrial/Commercial Premises

FT/EICR 110151231

Requirements for Electrical Installations
BS 7671:2018 (IET Wiring Regulations 18th Edition)

Company Name	PHS Compliance	**Company Address**	Kid Glove Road	**Postcode**	WA3 3GR	**Branch No.**	**Scheme No.**
Client	UPP Residential Services Ltd	**Installation Address**	Swansea University Bay Campus - Dryslwyn 1B & Nest 2, Reception - Ground Floor Tower Information Centre, Fabian Way, Crymlyn Burrows, Swansea, West Glamorgan	**Postcode**	SA1 8EN		

Distribution board details - Complete in every case

Location: Room 1 Riser [Schneider]
Designation: DB CL5/12
Num. of ways: 4 Num. of phases: 1
Supply polarity confirmed: ☑ Phase sequence confirmed: ☐

Complete only if the distribution board is not connected directly to the origin of the installation

Supply to distribution board is from: Sub Mains(DB CL5 , 12/L3)
Overcurrent protective device for the distribution circuit: BS(EN) 61009 RCD/RCBO Type B Rating 32 A Voltage 230 V

Characteristics at this distribution board

Associated RCD(if any): BS (EN) 61008
Z_d 0.36 Ω No. of poles 2
I_{pf} 0.62 kA IΔn 30
Time delay (if applicable) N/A
Operating at 1 IΔn Above 30mA 28.4 ms
Operating at 5 IΔn 30mA or below 24.4 ms
(if applicable)

Test instrument serial number(s)

Loop impedance 100701/4664
Insulation resistance 100701/4664
Continuity 100701/4664
RCD 100701/4664

CIRCUIT DETAILS / TEST RESULTS

Circuit No. and Line No.	Distribution board Designation / Circuit designation	Type of wiring	Ref. method	No. of points	Circuit conductors csa (mm²) L / N	Circuit conductors csa (mm²) CPC	Maximum disconnection	Overcurrent protective devices BS EN Number	Type No.	Rating (A)	Breaking capacity (KA)	RCD operating (mA)	BS 7671 Max. permitted Zs Other 80% (Ω)	Circuit impedance Ω Ring final circuits only (measured end-to-end) r1	rn	r2	Fig 8 check (✓)	All circuits to be completed using R1R2 or R2, not both R1 + R2	R2	Insulation resistance (Record lower reading) Test voltage V	L/L, L/N M(Ω)	L/E, N/E M(Ω)	Polarity (✓)	Max. Measured Zs (Ω)	RCD testing Above 30mA IΔn ms	30mA or below 5 IΔn ms	Manual test button operation RCD (✓)	AFDD (✓)
1/L3	Sockets	A	B	6	2.5	1.5	0.4	60898 MCB	B	10	6	N/A	3.49	N/A	N/A	N/A	N/A	0.10	N/A	250	LIM	>299	✓	0.49	N/A	N/A	N/A	N/A
2/L3	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
3/L3	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
4/L3	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Details of circuits and/or installed equipment vulnerable to damage when testing

Date(s) dead testing 26/07/2022 To 26/07/2022

Date(s) live testing 26/07/2022 To 26/07/2022

Tested by: Name (capital letters) LIAM KIMBLE Position Electrical Test Engineer Date 26/07/2022

Signature

Wiring Types. A PVC/PVC, B PVC cables in metallic Conduit, C PVC cables in non-metallic Conduit, D PVC cables in metallic trunking, E PVC cables in non-metallic trunking, F PVC/SWA cables, G SWA/XPLE cables, H Mineral Insulated, MW Metal Work, FM Ferrous Metal, O Other
A/A1 - Single Core PVC Cables (4D1A), A/A2 - Multicore PVC Cables (4D2A), F/F1 - Single-core armoures PVC SWA Cables (4D3A), F/F2 - PVC SWA Cables (4D4A), A/A3 - PVC Twin & Earth (4D5), O/O1 - LSF single core cables 90°C rated (4E1A), O/O2 - Multi-core LSF cables 90°C rated (4E2A), G/G1 - Single-core armoured XLPE cables or 90°C rated (4E3A), G/G2 - Multi-core armoured XLPE cables or 90°C rated (4E4A), H/H1 - MICC exposed to touch (4G1A)

ELECTRICAL INSTALLATION CONDITION REPORT - Schedule of Tests

for Industrial/Commercial Premises

FT/EICR 110151231

Requirements for Electrical Installations
BS 7671:2018 (IET Wiring Regulations 18th Edition)

Company Name	PHS Compliance	**Company Address**	Kid Glove Road	**Postcode**	WA3 3GR	**Branch No.**	**Scheme No.**
Client	UPP Residential Services Ltd	**Installation Address**	Swansea University Bay Campus - Dryslwyn 1B & Nest 2, Reception - Ground Floor Tower Information Centre, Fabian Way, Crymlyn Burrows, Swansea, West Glamorgan	**Postcode**	SA1 8EN		

Distribution board details - Complete in every case

Location: Room 2 Riser [Schneider]
Designation: DB CL5/12-1
Num. of ways: 4 Num. of phases: 1
Supply polarity confirmed: ☑ Phase sequence confirmed: ☐

Complete only if the distribution board is not connected directly to the origin of the installation

Supply to distribution board is from: Sub Mains(DB CL5 , 12/L3)
Overcurrent protective device for the distribution circuit: BS(EN) 61009 RCD/RCBO Type B Rating 32 A Voltage 230 V

Characteristics at this distribution board

Associated RCD(if any): BS (EN) 61008
Z_d 0.36 Ω No. of poles 2
I_{pf} 0.62 kA IΔn 30
Time delay (if applicable) N/A
Operating at 1 IΔn Above 30mA 28.4 ms
Operating at 5 IΔn 30mA or below 24.4 ms
(if applicable)

Test instrument serial number(s)

Loop impedance 100701/4664
Insulation resistance 100701/4664
Continuity 100701/4664
RCD 100701/4664

CIRCUIT DETAILS / TEST RESULTS

Circuit No. and Line No.	Distribution board Designation / Circuit designation	Type of wiring	Ref. method	No. of points	Circuit conductors csa (mm²) L / N	Circuit conductors csa (mm²) CPC	Maximum disconnection	Overcurrent protective devices BS EN Number	Type No.	Rating (A)	Breaking capacity (KA)	RCD operating (mA)	BS 7671 Max. permitted Zs Other 80% (Ω)	Circuit impedance Ω Ring final circuits only (measured end-to-end) r1	rn	r2	Fig 8 check (✓)	All circuits to be completed using R1R2 or R2, not both R1 + R2	R2	Insulation resistance (Record lower reading) Test voltage V	L/L, L/N M(Ω)	L/E, N/E M(Ω)	Polarity (✓)	Max. Measured Zs (Ω)	RCD testing Above 30mA IΔn ms	30mA or below 5 IΔn ms	Manual test button operation RCD (✓)	AFDD (✓)
1/L3	Sockets	A	B	6	2.5	1.5	0.4	60898 MCB	B	10	6	N/A	3.49	N/A	N/A	N/A	N/A	0.12	N/A	250	LIM	>299	✓	0.52	N/A	N/A	N/A	N/A
2/L3	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
3/L3	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
4/L3	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Details of circuits and/or installed equipment vulnerable to damage when testing

Date(s) dead testing 26/07/2022 To 26/07/2022

Date(s) live testing 26/07/2022 To 26/07/2022

Tested by: Name (capital letters) LIAM KIMBLE Position Electrical Test Engineer Date 26/07/2022

Signature

Wiring Types. A PVC/PVC, B PVC cables in metallic Conduit, C PVC cables in non-metallic Conduit, D PVC cables in metallic trunking, E PVC cables in non-metallic trunking, F PVC/SWA cables, G SWA/XPLE cables, H Mineral Insulated, MW Metal Work, FM Ferrous Metal, O Other
A/A1 - Single Core PVC Cables (4D1A), A/A2 - Multicore PVC Cables (4D2A), F/F1 - Single-core armoures PVC SWA Cables (4D3A), F/F2 - PVC SWA Cables (4D4A), A/A3 - PVC Twin & Earth (4D5), O/O1 - LSF single core cables 90°C rated (4E1A), O/O2 - Multi-core LSF cables 90°C rated (4E2A), G/G1 - Single-core armoured XLPE cables or 90°C rated (4E3A), G/G2 - Multi-core armoured XLPE cables or 90°C rated (4E4A), H/H1 - MICC exposed to touch (4G1A)

ELECTRICAL INSTALLATION CONDITION REPORT - Schedule of Tests

for Industrial/Commercial Premises

FT/EICR 110151231

Requirements for Electrical Installations
BS 7671:2018 (IET Wiring Regulations 18th Edition)

Company Name	PHS Compliance	**Company Address**	Kid Glove Road	**Postcode**	WA3 3GR	**Branch No.**	**Scheme No.**
Client	UPP Residential Services Ltd	**Installation Address**	Swansea University Bay Campus - Dryslwyn 1B & Nest 2, Reception - Ground Floor Tower Information Centre, Fabian Way, Crymlyn Burrows, Swansea, West Glamorgan	**Postcode**	SA1 8EN		

Distribution board details - Complete in every case

Location: Room 3 Riser [Schneider]
Designation: DB CL5/12-2
Num. of ways: 4 Num. of phases: 1
Supply polarity confirmed: ☑ Phase sequence confirmed: ☐

Complete only if the distribution board is not connected directly to the origin of the installation

Supply to distribution board is from: Sub Mains(DB CL5 , 12/L3)
Overcurrent protective device for the distribution circuit: BS(EN) 61009 RCD/RCBO Type B Rating 32 A Voltage 230 V

Characteristics at this distribution board

Associated RCD(if any): BS (EN) 61008
Z_d 0.36 Ω No. of poles 2
I_{pf} 0.62 kA IΔn 30
Time delay (if applicable) N/A
Operating at 1 IΔn Above 30mA 28.4 ms
Operating at 5 IΔn 30mA or below 24.4 ms
(if applicable)

Test instrument serial number(s)

Loop impedance 100701/4664
Insulation resistance 100701/4664
Continuity 100701/4664
RCD 100701/4664

CIRCUIT DETAILS / TEST RESULTS

Circuit No. and Line No.	Distribution board Designation / Circuit designation	Type of wiring	Ref. method	No. of points	Circuit conductors csa (mm²) L / N	Circuit conductors csa (mm²) CPC	Maximum disconnection	Overcurrent protective devices BS EN Number	Type No.	Rating (A)	Breaking capacity (KA)	RCD operating (mA)	BS 7671 Max. permitted Zs Other 80% (Ω)	Circuit impedance Ω Ring final circuits only (measured end-to-end) r1	rn	r2	Fig 8 check (✓)	All circuits to be completed using R1R2 or R2, not both R1 + R2	R2	Insulation resistance (Record lower reading) Test voltage V	L/L, L/N M(Ω)	L/E, N/E M(Ω)	Polarity (✓)	Max. Measured Zs (Ω)	RCD testing Above 30mA IΔn ms	30mA or below 5 IΔn ms	Manual test button operation RCD (✓)	AFDD (✓)
1/L3	Sockets	A	B	6	2.5	1.5	0.4	60898 MCB	B	10	6	N/A	3.49	N/A	N/A	N/A	N/A	0.18	N/A	250	LIM	>299	✓	0.63	N/A	N/A	N/A	N/A
2/L3	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
3/L3	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
4/L3	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Details of circuits and/or installed equipment vulnerable to damage when testing

Date(s) dead testing 26/07/2022 To 26/07/2022

Date(s) live testing 26/07/2022 To 26/07/2022

Tested by: Name (capital letters) LIAM KIMBLE Position Electrical Test Engineer Date 26/07/2022

Signature

Wiring Types. A PVC/PVC, B PVC cables in metallic Conduit, C PVC cables in non-metallic Conduit, D PVC cables in metallic trunking, E PVC cables in non-metallic trunking, F PVC/SWA cables, G SWA/XPLE cables, H Mineral Insulated, MW Metal Work, FM Ferrous Metal, O Other
A/A1 - Single Core PVC Cables (4D1A), A/A2 - Multicore PVC Cables (4D2A), F/F1 - Single-core armoures PVC SWA Cables (4D3A), F/F2 - PVC SWA Cables (4D4A), A/A3 - PVC Twin & Earth (4D5), O/O1 - LSF single core cables 90°C rated (4E1A), O/O2 - Multi-core LSF cables 90°C rated (4E2A), G/G1 - Single-core armoured XLPE cables or 90°C rated (4E3A), G/G2 - Multi-core armoured XLPE cables or 90°C rated (4E4A), H/H1 - MICC exposed to touch (4G1A)

ELECTRICAL INSTALLATION CONDITION REPORT - Schedule of Tests

for Industrial/Commercial Premises

FT/EICR 110151231

Requirements for Electrical Installations
BS 7671:2018 (IET Wiring Regulations 18th Edition)

Company Name	PHS Compliance	**Company Address**	Kid Glove Road	**Postcode**	WA3 3GR	**Branch No.**	**Scheme No.**
Client	UPP Residential Services Ltd	**Installation Address**	Swansea University Bay Campus - Dryslwyn 1B & Nest 2, Reception - Ground Floor Tower Information Centre, Fabian Way, Crymlyn Burrows, Swansea, West Glamorgan	**Postcode**	SA1 8EN		

Distribution board details - Complete in every case

Location: Level 2 Kitchen [Schneider]
Designation: DB CL8
Num. of ways: 18 Num. of phases: 1
Supply polarity confirmed: ☑ Phase sequence confirmed: ☐

Complete only if the distribution board is not connected directly to the origin of the installation

Supply to distribution board is from: Sub Mains(BB Dryslwyn, 4/L1)
Overcurrent protective device for the distribution circuit: BS(EN) 88-2 HRC Type gG Rating 63 A Voltage 230 V
Time delay (if applicable): N/A

Characteristics at this distribution board

Associated RCD(if any): BS (EN): N/A
Z_d 0.10 Ω No. of poles: N/A
I_{pf} 2.4 kA IΔn: N/A
Above 30mA Operating at 1 IΔn: N/A ms
30mA or below Operating at 5 IΔn: N/A ms
(if applicable)

Test instrument serial number(s)

Loop impedance: 100710/4664
Insulation resistance: 100710/4664
Continuity: 100710/4664
RCD: 100710/4664

CIRCUIT DETAILS / TEST RESULTS

Circuit No. and Line No.	Distribution board Designation / Circuit designation	Type of wiring	Ref. method	No. of points	Circuit conductors csa (mm²) L / N	Circuit conductors csa (mm²) CPC	Maximum disconnection	Overcurrent protective devices BS EN Number	Type No.	Rating (A)	Breaking capacity (KA)	RCD operating (mA)	BS 7671 Max. permitted Zs Other 80% (Ω)	Circuit impedance Ω: Ring final circuits only (measured end-to-end) r1	rn	r2	Fig 8 check (✓)	All circuits to be completed using R1R2 or R2, not both: R1 + R2	R2	Insulation resistance (Record lower reading) Test voltage V	L/L, L/N M(Ω)	L/E, N/E M(Ω)	Polarity (✓)	Max. Measured Zs (Ω)	RCD testing: Above 30mA IΔn ms	30mA or below 5 IΔn ms	Manual test button operation: RCD (✓)	AFDD (✓)
1/L1	Bedroom Lighting 7,8	A	B	8	1.5	1	0.4	61009 RCD/RCBO	C	10	10	30	1.75	N/A	N/A	N/A	N/A	0.25	N/A	250	LIM	>299	✓	0.50	25.4	20.4	✓	N/A
2/L1	Bedroom Lighting 5,6	A	B	8	1.5	1	0.4	61009 RCD/RCBO	C	10	10	30	1.75	N/A	N/A	N/A	N/A	0.34	N/A	250	LIM	>299	✓	0.72	28.4	27.9	✓	N/A
3/L1	Bedroom Lighting 1,2	A	B	8	1.5	1	0.4	61009 RCD/RCBO	C	10	10	30	1.75	N/A	N/A	N/A	N/A	0.19	N/A	250	LIM	>299	✓	0.44	26.2	24.2	✓	N/A
4/L1	Bedroom Lighting 3,4	A	B	8	1.5	1	0.4	61009 RCD/RCBO	C	10	10	30	1.75	N/A	N/A	N/A	N/A	0.42	N/A	250	LIM	>299	✓	0.66	21.4	27.2	✓	N/A
5/L1	Common Room Lighting	A	B	6	1.5	1	0.4	61009 RCD/RCBO	C	10	10	30	1.75	N/A	N/A	N/A	N/A	0.33	N/A	250	LIM	>299	✓	0.55	20.5	16.4	✓	N/A
6/L1	Common Room Ring	A	B	6	2x2.5	2x1.5	0.4	61009 RCD/RCBO	B	32	10	30	1.09	0.25	0.25	0.48	✓	0.18	N/A	250	LIM	>299	✓	0.40	28.4	21.4	✓	N/A
7/L1	Common Room Ring 2	A	B	10	2x2.5	2x1.5	0.4	61009 RCD/RCBO	B	32	10	30	1.09	0.21	0.21	0.53	✓	0.19	N/A	250	LIM	>299	✓	0.44	24.0	18.4	✓	N/A
8/L1	Hob 1	A	B	1	10	4	0.4	61009 RCD/RCBO	B	32	10	30	1.09	N/A	N/A	N/A	N/A	0.14	N/A	250	LIM	>299	✓	0.36	28.6	25.4	✓	N/A
9/L1	Hob 2	A	B	1	10	4	0.4	61009 RCD/RCBO	B	32	10	30	1.09	N/A	N/A	N/A	N/A	0.16	N/A	250	LIM	>299	✓	0.40	26.4	24.4	✓	N/A
10/L1	Sub Mains(DB CL8/10, DB CL8/10-1)	A	B	2	2x2.5	2x1.5	5	61009 RCD/RCBO	B	32	10	30	1.09	0.24	0.24	0.34	✓	0.15	N/A	250	LIM	>299	✓	0.30	28.4	27.6	✓	N/A
11/L1	Sub Mains(DB CL8/11, DB CL8/11-1)	A	B	2	2x2.5	2x1.5	5	61009 RCD/RCBO	B	32	10	30	1.09	0.26	0.26	0.38	✓	0.16	N/A	250	LIM	>299	✓	0.34	28.4	23.5	✓	N/A
12/L1	Sub Mains(DB CL8/12, DB CL8/12-1)	A	B	2	2x2.5	2x1.5	5	61009 RCD/RCBO	B	32	10	30	1.09	0.31	0.31	0.38	✓	0.17	N/A	250	LIM	>299	✓	0.31	28.8	22.6	✓	N/A
13/L1	Sub Mains(DB CL8/13, DB CL8/13-1)	A	B	2	2x2.5	2x1.5	5	61009 RCD/RCBO	B	32	10	30	1.09	0.36	0.36	0.44	✓	0.20	N/A	250	LIM	>299	✓	0.25	28.2	19.4	✓	N/A

Details of circuits and/or installed equipment vulnerable to damage when testing

Date(s) dead testing: 28/07/2022 To: 28/07/2022
Date(s) live testing: 28/07/2022 To: 28/07/2022

Tested by: Name (capital letters): LIAM KIMBLE Position: Electrical Test Engineer Date: 28/07/2022
Signature:

Wiring Types. A PVC/PVC, B PVC cables in metallic Conduit, C PVC cables in non-metallic Conduit, D PVC cables in metallic trunking, E PVC cables in non-metallic trunking, F PVC/SWA cables, G SWA/XPLE cables, H Mineral Insulated, MW Metal Work, FM Ferrous Metal, O Other
A/A1 - Single Core PVC Cables (4D1A), A/A2 - Multicore PVC Cables (4D2A), F/F1 - Single-core armoures PVC SWA Cables (4D3A), F/F2 - PVC SWA Cables (4D4A), A/A3 - PVC Twin & Earth (4D5), O/O1 - LSF single core cables 90°C rated (4E1A), O/O2 - Multi-core LSF cables 90°C rated (4E2A), G/G1 - Single-core armoured XLPE cables or 90°C rated (4E3A), G/G2 - Multi-core armoured XLPE cables or 90°C rated (4E4A), H/H1 - MICC exposed to touch (4G1A)

ELECTRICAL INSTALLATION CONDITION REPORT - Schedule of Tests

FT/EICR 110151231

for Industrial/Commercial Premises

Requirements for Electrical Installations
BS 7671:2018 (IET Wiring Regulations 18th Edition)

CIRCUIT DETAILS														TEST RESULTS																
Circuit No. and Line No.	Distribution board Designation / Circuit designation	Type of wiring	Ref. method	No. of points	Circuit conductors csa (mm²) L / N	Circuit conductors csa (mm²) CPC	Maximum disconnection	Overcurrent protective devices BS EN Number	Overcurrent protective devices Type No.	Overcurrent protective devices Rating (A)	Breaking capacity (KA)	RCD operating (mA)	BS 7671 Max. permitted Zs Other 80% (Ω)	Circuit impedance Ω Ring final circuits only (measured end-to-end) r1	rn	r2	Fig 8 check (✓)	All circuits to be completed using R1R2 or R2, not both R1 + R2	R2	Insulation resistance (Record lower reading) Test voltage V	L/L, L/N M(Ω)	L/E, N/E M(Ω)	Polarity (✓)	Max. Measured Zs (Ω)	RCD testing Above 30mA IΔn ms	30mA or below 5 IΔn ms	Manual test button operation RCD (✓)	AFDD (✓)
14/L1	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
15/L1	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
16/L1	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
17/L1	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
18/L1	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Details of circuits and/or installed equipment vulnerable to damage when testing

Date(s) dead testing 28/07/2022 To 28/07/2022

Date(s) live testing 28/07/2022 To 28/07/2022

Tested by: Name (capital letters) LIAM KIMBLE Position Electrical Test Engineer Date 28/07/2022

Signature

Wiring Types. A PVC/PVC, B PVC cables in metallic Conduit, C PVC cables in non-metallic Conduit, D PVC cables in metallic trunking, E PVC cables in non-metallic trunking, F PVC/SWA cables, G SWA/XPLE cables, H Mineral Insulated, MW Metal Work, FM Ferrous Metal, O Other
A/A1 - Single Core PVC Cables (4D1A), A/A2 - Multicore PVC Cables (4D2A), F/F1 - Single-core armoures PVC SWA Cables (4D3A), F/F2 - PVC SWA Cables (4D4A), A/A3 - PVC Twin & Earth (4D5), O/O1 - LSF single core cables 90°C rated (4E1A), O/O2 - Multi-core LSF cables 90°C rated (4E2A), G/G1 - Single-core armoured XLPE cables or 90°C rated (4E3A), G/G2 - Multi-core armoured XLPE cables or 90°C rated (4E4A), H/H1 - MICC exposed to touch (4G1A)

ELECTRICAL INSTALLATION CONDITION REPORT - Schedule of Tests

for Industrial/Commercial Premises

FT/EICR 110151231

Requirements for Electrical Installations
BS 7671:2018 (IET Wiring Regulations 18th Edition)

Company Name	PHS Compliance	**Company Address**	Kid Glove Road	**Postcode**	WA3 3GR	**Branch No.**	**Scheme No.**
Client	UPP Residential Services Ltd	**Installation Address**	Swansea University Bay Campus - Dryslwyn 1B & Nest 2, Reception - Ground Floor Tower Information Centre, Fabian Way, Crymlyn Burrows, Swansea, West Glamorgan	**Postcode**	SA1 8EN		

Distribution board details - Complete in every case

Location: Room 7 Riser [Schneider]
Designation: DB CL8/10
Num. of ways: 4 Num. of phases: 1
Supply polarity confirmed: ☑ Phase sequence confirmed: ☐

Complete only if the distribution board is not connected directly to the origin of the installation

Supply to distribution board is from: Sub Mains(DB CL8, 10/L1)
Overcurrent protective device for the distribution circuit: BS(EN) 61009 RCD/RCBO Type B Rating 32 A Voltage 230 V

Characteristics at this distribution board

Associated RCD(if any): BS (EN) 61008
Z_d 0.30 Ω No. of poles 2
I_{pf} 0.75 kA IΔn 30
Time delay (if applicable) N/A
Operating at 1 IΔn: Above 30mA 28.4 ms
Operating at 5 IΔn: 30mA or below 27.6 ms
(if applicable)

Test instrument serial number(s)

Loop impedance: 100701/4664
Insulation resistance: 100701/4664
Continuity: 100701/4664
RCD: 100701/4664

CIRCUIT DETAILS / TEST RESULTS

Circuit No. and Line No.	Distribution board Designation / Circuit designation	Type of wiring	Ref. method	No. of points	Circuit conductors csa (mm²) L / N	Circuit conductors csa (mm²) CPC	Maximum disconnection	Overcurrent protective devices BS EN Number	Type No.	Rating (A)	Breaking capacity (KA)	RCD operating (mA)	BS 7671 Max. permitted Zs Other 80% (Ω)	Circuit impedance Ω Ring final circuits only (measured end-to-end) r1	rn	r2	Fig 8 check (✓)	All circuits to be completed using R1R2 or R2, not both R1 + R2	R2	Insulation resistance (Record lower reading) Test voltage V	L/L, L/N M(Ω)	L/E, N/E M(Ω)	Polarity (✓)	Max. Measured Zs (Ω)	RCD testing Above 30mA IΔn ms	30mA or below 5 IΔn ms	Manual test button operation RCD (✓)	AFDD (✓)
1/L1	Sockets	A	B	6	2.5	1.5	0.4	60898 MCB	B	10	6	N/A	3.49	N/A	N/A	N/A	N/A	0.21	N/A	250	LIM	>299	✓	0.54	N/A	N/A	N/A	N/A
2/L1	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
3/L1	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
4/L1	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Details of circuits and/or installed equipment vulnerable to damage when testing

Date(s) dead testing: 26/07/2022 To 26/07/2022

Date(s) live testing: 26/07/2022 To 26/07/2022

Tested by: Name (capital letters): LIAM KIMBLE Position: Electrical Test Engineer Date: 26/07/2022

Signature:

Wiring Types. A PVC/PVC, B PVC cables in metallic Conduit, C PVC cables in non-metallic Conduit, D PVC cables in metallic trunking, E PVC cables in non-metallic trunking, F PVC/SWA cables, G SWA/XPLE cables, H Mineral Insulated, MW Metal Work, FM Ferrous Metal, O Other
A/A1 - Single Core PVC Cables (4D1A), A/A2 - Multicore PVC Cables (4D2A), F/F1 - Single-core armoures PVC SWA Cables (4D3A), F/F2 - PVC SWA Cables (4D4A), A/A3 - PVC Twin & Earth (4D5), O/O1 - LSF single core cables 90°C rated (4E1A), O/O2 - Multi-core LSF cables 90°C rated (4E2A), G/G1 - Single-core armoured XLPE cables or 90°C rated (4E3A), G/G2 - Multi-core armoured XLPE cables or 90°C rated (4E4A), H/H1 - MICC exposed to touch (4G1A)

ELECTRICAL INSTALLATION CONDITION REPORT - Schedule of Tests

for Industrial/Commercial Premises

FT/EICR 110151231

Requirements for Electrical Installations
BS 7671:2018 (IET Wiring Regulations 18th Edition)

Company Name	PHS Compliance	**Company Address**	Kid Glove Road	**Postcode**	WA3 3GR	**Branch No.**	**Scheme No.**
Client	UPP Residential Services Ltd	**Installation Address**	Swansea University Bay Campus - Dryslwyn 1B & Nest 2, Reception - Ground Floor Tower Information Centre, Fabian Way, Crymlyn Burrows, Swansea, West Glamorgan	**Postcode**	SA1 8EN		

Distribution board details - Complete in every case

Location: Room 8 Riser [Schneider]
Designation: DB CL8/10-1
Num. of ways: 4 Num. of phases: 1
Supply polarity confirmed: ☑ Phase sequence confirmed: ☐

Complete only if the distribution board is not connected directly to the origin of the installation

Supply to distribution board is from: Sub Mains(DB CL8, 10/L1)
Overcurrent protective device for the distribution circuit: BS(EN) 61009 RCD/RCBO Type B Rating 32 A Voltage 230 V

Characteristics at this distribution board

Associated RCD(if any): BS (EN) 61008
Z_d 0.30 Ω No. of poles 2
I_{pf} 0.75 kA IΔn 30
Time delay (if applicable) N/A
Operating at 1 IΔn: Above 30mA 28.4 ms
Operating at 5 IΔn: 30mA or below 27.6 ms
(if applicable)

Test instrument serial number(s)

Loop impedance: 100701/4664
Insulation resistance: 100701/4664
Continuity: 100701/4664
RCD: 100701/4664

CIRCUIT DETAILS / TEST RESULTS

Circuit No. and Line No.	Distribution board Designation / Circuit designation	Type of wiring	Ref. method	No. of points	Circuit conductors csa (mm²) L / N	Circuit conductors csa (mm²) CPC	Maximum disconnection	Overcurrent protective devices BS EN Number	Type No.	Rating (A)	Breaking capacity (KA)	RCD operating (mA)	BS 7671 Max. permitted Zs Other 80% (Ω)	Circuit impedance Ω Ring final circuits only (measured end-to-end) r1	rn	r2	Fig 8 check (✓)	All circuits to be completed using R1R2 or R2, not both R1 + R2	R2	Insulation resistance (Record lower reading) Test voltage V	L/L, L/N M(Ω)	L/E, N/E M(Ω)	Polarity (✓)	Max. Measured Zs (Ω)	RCD testing Above 30mA IΔn ms	30mA or below 5 IΔn ms	Manual test button operation RCD (✓)	AFDD (✓)
1/L1	Sockets	A	B	6	2.5	1.5	0.4	60898 MCB	B	10	6	N/A	3.49	N/A	N/A	N/A	N/A	0.24	N/A	250	LIM	>299	✓	0.66	N/A	N/A	N/A	N/A
2/L1	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
3/L1	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
4/L1	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Details of circuits and/or installed equipment vulnerable to damage when testing

Date(s) dead testing: 26/07/2022 To 26/07/2022

Date(s) live testing: 26/07/2022 To 26/07/2022

Tested by: Name (capital letters): LIAM KIMBLE Position: Electrical Test Engineer Date: 26/07/2022

Signature:

Wiring Types. A PVC/PVC, B PVC cables in metallic Conduit, C PVC cables in non-metallic Conduit, D PVC cables in metallic trunking, E PVC cables in non-metallic trunking, F PVC/SWA cables, G SWA/XPLE cables, H Mineral Insulated, MW Metal Work, FM Ferrous Metal, O Other
A/A1 - Single Core PVC Cables (4D1A), A/A2 - Multicore PVC Cables (4D2A), F/F1 - Single-core armoures PVC SWA Cables (4D3A), F/F2 - PVC SWA Cables (4D4A), A/A3 - PVC Twin & Earth (4D5), O/O1 - LSF single core cables 90°C rated (4E1A), O/O2 - Multi-core LSF cables 90°C rated (4E2A), G/G1 - Single-core armoured XLPE cables or 90°C rated (4E3A), G/G2 - Multi-core armoured XLPE cables or 90°C rated (4E4A), H/H1 - MICC exposed to touch (4G1A)

ELECTRICAL INSTALLATION CONDITION REPORT - Schedule of Tests

for Industrial/Commercial Premises

FT/EICR 110151231

Requirements for Electrical Installations
BS 7671:2018 (IET Wiring Regulations 18th Edition)

Company Name	PHS Compliance	**Company Address**	Kid Glove Road	**Postcode**	WA3 3GR	**Branch No.**	**Scheme No.**
Client	UPP Residential Services Ltd	**Installation Address**	Swansea University Bay Campus - Dryslwyn 1B & Nest 2, Reception - Ground Floor Tower Information Centre, Fabian Way, Crymlyn Burrows, Swansea, West Glamorgan	**Postcode**	SA1 8EN		

Distribution board details - Complete in every case

Location: Room 1 Riser [Schneider]
Designation: DB CL8/11
Num. of ways: 4 Num. of phases: 1
Supply polarity confirmed: ☑ Phase sequence confirmed: ☐

Complete only if the distribution board is not connected directly to the origin of the installation

Supply to distribution board is from: Sub Mains(DB CL8, 11/L1)
Overcurrent protective device for the distribution circuit: BS(EN) 61009 RCD/RCBO Type B Rating 32 A Voltage 230 V

Characteristics at this distribution board

Associated RCD(if any): BS (EN) 61008
Z_d 0.34 Ω No. of poles 2
I_{pf} 0.68 kA IΔn 30
Time delay (if applicable) N/A
Operating at 1 IΔn: Above 30mA 28.4 ms
Operating at 5 IΔn: 30mA or below 23.5 ms
(if applicable)

Test instrument serial number(s)

Loop impedance: 100701/4664
Insulation resistance: 100701/4664
Continuity: 100701/4664
RCD: 100701/4664

CIRCUIT DETAILS / TEST RESULTS

Circuit No. and Line No.	Distribution board Designation / Circuit designation	Type of wiring	Ref. method	No. of points	Circuit conductors csa (mm²) L / N	Circuit conductors csa (mm²) CPC	Maximum disconnection	Overcurrent protective devices BS EN Number	Type No.	Rating (A)	Breaking capacity (KA)	RCD operating (mA)	BS 7671 Max. permitted Zs Other 80% (Ω)	Circuit impedance Ω Ring final circuits only (measured end-to-end) r1	rn	r2	Fig 8 check (✓)	All circuits to be completed using R1R2 or R2, not both R1 + R2	R2	Insulation resistance (Record lower reading) Test voltage V	L/L, L/N M(Ω)	L/E, N/E M(Ω)	Polarity (✓)	Max. Measured Zs (Ω)	RCD testing Above 30mA IΔn ms	30mA or below 5 IΔn ms	Manual test button operation RCD (✓)	AFDD (✓)
1/L1	Sockets	A	B	6	2.5	1.5	0.4	60898 MCB	B	10	6	N/A	3.49	N/A	N/A	N/A	N/A	0.22	N/A	250	LIM	>299	✓	0.64	N/A	N/A	N/A	N/A
2/L1	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
3/L1	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
4/L1	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Details of circuits and/or installed equipment vulnerable to damage when testing

Date(s) dead testing: 26/07/2022 To 26/07/2022

Date(s) live testing: 26/07/2022 To 26/07/2022

Tested by: Name (capital letters): LIAM KIMBLE Position: Electrical Test Engineer Date: 26/07/2022

Signature:

Wiring Types. A PVC/PVC, B PVC cables in metallic Conduit, C PVC cables in non-metallic Conduit, D PVC cables in metallic trunking, E PVC cables in non-metallic trunking, F PVC/SWA cables, G SWA/XPLE cables, H Mineral Insulated, MW Metal Work, FM Ferrous Metal, O Other
A/A1 - Single Core PVC Cables (4D1A), A/A2 - Multicore PVC Cables (4D2A), F/F1 - Single-core armoures PVC SWA Cables (4D3A), F/F2 - PVC SWA Cables (4D4A), A/A3 - PVC Twin & Earth (4D5), O/O1 - LSF single core cables 90°C rated (4E1A), O/O2 - Multi-core LSF cables 90°C rated (4E2A), G/G1 - Single-core armoured XLPE cables or 90°C rated (4E3A), G/G2 - Multi-core armoured XLPE cables or 90°C rated (4E4A), H/H1 - MICC exposed to touch (4G1A)

ELECTRICAL INSTALLATION CONDITION REPORT - Schedule of Tests

for Industrial/Commercial Premises

FT/EICR 110151231

Requirements for Electrical Installations
BS 7671:2018 (IET Wiring Regulations 18th Edition)

Company Name	PHS Compliance	**Company Address**	Kid Glove Road	**Postcode**	WA3 3GR	**Branch No.**	**Scheme No.**
Client	UPP Residential Services Ltd	**Installation Address**	Swansea University Bay Campus - Dryslwyn 1B & Nest 2, Reception - Ground Floor Tower Information Centre, Fabian Way, Crymlyn Burrows, Swansea, West Glamorgan	**Postcode**	SA1 8EN		

Distribution board details - Complete in every case

Location: Room 2 Riser [Schneider]
Designation: DB CL8/11-1
Num. of ways: 4 Num. of phases: 1
Supply polarity confirmed: ☑ Phase sequence confirmed: ☐

Complete only if the distribution board is not connected directly to the origin of the installation

Supply to distribution board is from: Sub Mains(DB CL8, 11/L1)
Overcurrent protective device for the distribution circuit: BS(EN) 61009 RCD/RCBO Type B Rating 32 A Voltage 230 V

Characteristics at this distribution board

Associated RCD(if any): BS (EN) 61008
Z_d 0.34 Ω No. of poles 2
I_{pf} 0.68 kA IΔn 30
Time delay (if applicable) N/A
Operating at 1 IΔn: Above 30mA 28.4 ms
Operating at 5 IΔn: 30mA or below 23.5 ms
(if applicable)

Test instrument serial number(s)

Loop impedance: 100701/4664
Insulation resistance: 100701/4664
Continuity: 100701/4664
RCD: 100701/4664

CIRCUIT DETAILS / TEST RESULTS

Circuit No. and Line No.	Distribution board Designation / Circuit designation	Type of wiring	Ref. method	No. of points	Circuit conductors csa (mm²) L / N	Circuit conductors csa (mm²) CPC	Maximum disconnection	Overcurrent protective devices BS EN Number	Type No.	Rating (A)	Breaking capacity (KA)	RCD operating (mA)	BS 7671 Max. permitted Zs Other 80% (Ω)	Circuit impedance Ω Ring final circuits only (measured end-to-end) r1	rn	r2	Fig 8 check (✓)	All circuits to be completed using R1R2 or R2, not both R1 + R2	R2	Insulation resistance (Record lower reading) Test voltage V	L/L, L/N M(Ω)	L/E, N/E M(Ω)	Polarity (✓)	Max. Measured Zs (Ω)	RCD testing Above 30mA IΔn ms	30mA or below 5 IΔn ms	Manual test button operation RCD (✓)	AFDD (✓)
1/L1	Sockets	A	B	6	2.5	1.5	0.4	60898 MCB	B	10	6	N/A	3.49	N/A	N/A	N/A	N/A	0.18	N/A	250	LIM	>299	✓	0.55	N/A	N/A	N/A	N/A
2/L1	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
3/L1	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
4/L1	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Details of circuits and/or installed equipment vulnerable to damage when testing

Date(s) dead testing: 26/07/2022 To 26/07/2022

Date(s) live testing: 26/07/2022 To 26/07/2022

Tested by: Name (capital letters): LIAM KIMBLE Position: Electrical Test Engineer Date: 26/07/2022

Signature:

Wiring Types. A PVC/PVC, B PVC cables in metallic Conduit, C PVC cables in non-metallic Conduit, D PVC cables in metallic trunking, E PVC cables in non-metallic trunking, F PVC/SWA cables, G SWA/XPLE cables, H Mineral Insulated, MW Metal Work, FM Ferrous Metal, O Other
A/A1 - Single Core PVC Cables (4D1A), A/A2 - Multicore PVC Cables (4D2A), F/F1 - Single-core armoures PVC SWA Cables (4D3A), F/F2 - PVC SWA Cables (4D4A), A/A3 - PVC Twin & Earth (4D5), O/O1 - LSF single core cables 90°C rated (4E1A), O/O2 - Multi-core LSF cables 90°C rated (4E2A), G/G1 - Single-core armoured XLPE cables or 90°C rated (4E3A), G/G2 - Multi-core armoured XLPE cables or 90°C rated (4E4A), H/H1 - MICC exposed to touch (4G1A)

ELECTRICAL INSTALLATION CONDITION REPORT - Schedule of Tests

for Industrial/Commercial Premises

FT/EICR 110151231

Requirements for Electrical Installations
BS 7671:2018 (IET Wiring Regulations 18th Edition)

Company Name	PHS Compliance	**Company Address**	Kid Glove Road	**Postcode**	WA3 3GR	**Branch No.**	**Scheme No.**
Client	UPP Residential Services Ltd	**Installation Address**	Swansea University Bay Campus - Dryslwyn 1B & Nest 2, Reception - Ground Floor Tower Information Centre, Fabian Way, Crymlyn Burrows, Swansea, West Glamorgan	**Postcode**	SA1 8EN		

Distribution board details - Complete in every case

Location: Room 5 Riser [Schneider]
Designation: DB CL8/12
Num. of ways: 4 Num. of phases: 1
Supply polarity confirmed: ☑ Phase sequence confirmed: ☐

Complete only if the distribution board is not connected directly to the origin of the installation

Supply to distribution board is from: Sub Mains(DB CL8, 12/L1)
Overcurrent protective device for the distribution circuit: BS(EN) 61009 RCD/RCBO Type B Rating 32 A Voltage 230 V

Characteristics at this distribution board

Associated RCD(if any): BS (EN) 61008
Z_d 0.31 Ω No. of poles 2
I_{pf} 0.72 kA IΔn 30
Time delay (if applicable) N/A
Operating at 1 IΔn: Above 30mA 28.8 ms
Operating at 5 IΔn: 30mA or below 22.6 ms
(if applicable)

Test instrument serial number(s)

Loop impedance: 100701/4664
Insulation resistance: 100701/4664
Continuity: 100701/4664
RCD: 100701/4664

CIRCUIT DETAILS / TEST RESULTS

Circuit No. and Line No.	Distribution board Designation / Circuit designation	Type of wiring	Ref. method	No. of points	Circuit conductors csa (mm²) L / N	Circuit conductors csa (mm²) CPC	Maximum disconnection	Overcurrent protective devices BS EN Number	Type No.	Rating (A)	Breaking capacity (KA)	RCD operating (mA)	BS 7671 Max. permitted Zs Other 80% (Ω)	Circuit impedance Ω Ring final circuits only (measured end-to-end) r1	rn	r2	Fig 8 check (✓)	All circuits to be completed using R1R2 or R2, not both R1 + R2	R2	Insulation resistance (Record lower reading) Test voltage V	L/L, L/N M(Ω)	L/E, N/E M(Ω)	Polarity (✓)	Max. Measured Zs (Ω)	RCD testing Above 30mA IΔn ms	30mA or below 5 IΔn ms	Manual test button operation RCD (✓)	AFDD (✓)
1/L1	Sockets	A	B	6	2.5	1.5	0.4	60898 MCB	B	10	6	N/A	3.49	N/A	N/A	N/A	N/A	0.16	N/A	250	LIM	>299	✓	0.53	N/A	N/A	N/A	N/A
2/L1	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
3/L1	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
4/L1	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Details of circuits and/or installed equipment vulnerable to damage when testing

Date(s) dead testing: 26/07/2022 To: 26/07/2022

Date(s) live testing: 26/07/2022 To: 26/07/2022

Tested by: Name (capital letters): LIAM KIMBLE Position: Electrical Test Engineer Date: 26/07/2022

Signature

Wiring Types. A PVC/PVC, B PVC cables in metallic Conduit, C PVC cables in non-metallic Conduit, D PVC cables in metallic trunking, E PVC cables in non-metallic trunking, F PVC/SWA cables, G SWA/XPLE cables, H Mineral Insulated, MW Metal Work, FM Ferrous Metal, O Other
A/A1 - Single Core PVC Cables (4D1A), A/A2 - Multicore PVC Cables (4D2A), F/F1 - Single-core armoures PVC SWA Cables (4D3A), F/F2 - PVC SWA Cables (4D4A), A/A3 - PVC Twin & Earth (4D5), O/O1 - LSF single core cables 90°C rated (4E1A), O/O2 - Multi-core LSF cables 90°C rated (4E2A), G/G1 - Single-core armoured XLPE cables or 90°C rated (4E3A), G/G2 - Multi-core armoured XLPE cables or 90°C rated (4E4A), H/H1 - MICC exposed to touch (4G1A)

ELECTRICAL INSTALLATION CONDITION REPORT - Schedule of Tests

for Industrial/Commercial Premises

FT/EICR 110151231

Requirements for Electrical Installations
BS 7671:2018 (IET Wiring Regulations 18th Edition)

Company Name	PHS Compliance	**Company Address**	Kid Glove Road	**Postcode**	WA3 3GR	**Branch No.**	**Scheme No.**
Client	UPP Residential Services Ltd	**Installation Address**	Swansea University Bay Campus - Dryslwyn 1B & Nest 2, Reception - Ground Floor Tower Information Centre, Fabian Way, Crymlyn Burrows, Swansea, West Glamorgan	**Postcode**	SA1 8EN		

Distribution board details - Complete in every case

Location: Room 6 Riser [Schneider]
Designation: DB CL8/12-1
Num. of ways: 4 Num. of phases: 1
Supply polarity confirmed: ☑ Phase sequence confirmed: ☐

Complete only if the distribution board is not connected directly to the origin of the installation

Supply to distribution board is from: Sub Mains(DB CL8, 12/L1)
Overcurrent protective device for the distribution circuit: BS(EN) 61009 RCD/RCBO Type B Rating 32 A Voltage 230 V

Characteristics at this distribution board

Associated RCD(if any): BS (EN) 61008
Z_d 0.31 Ω No. of poles 2
I_{pf} 0.72 kA IΔn 30
Time delay (if applicable) N/A
Operating at 1 IΔn: Above 30mA 28.8 ms
Operating at 5 IΔn: 30mA or below 22.6 ms
(if applicable)

Test instrument serial number(s)

Loop impedance: 100701/4664
Insulation resistance: 100701/4664
Continuity: 100701/4664
RCD: 100701/4664

CIRCUIT DETAILS / TEST RESULTS

Circuit No. and Line No.	Distribution board Designation / Circuit designation	Type of wiring	Ref. method	No. of points	Circuit conductors csa (mm²) L / N	Circuit conductors csa (mm²) CPC	Maximum disconnection	Overcurrent protective devices BS EN Number	Type No.	Rating (A)	Breaking capacity (KA)	RCD operating (mA)	BS 7671 Max. permitted Zs Other 80% (Ω)	Circuit impedance Ω Ring final circuits only (measured end-to-end) r1	rn	r2	Fig 8 check (✓)	All circuits to be completed using R1R2 or R2, not both R1 + R2	R2	Insulation resistance (Record lower reading) Test voltage V	L/L, L/N M(Ω)	L/E, N/E M(Ω)	Polarity (✓)	Max. Measured Zs (Ω)	RCD testing Above 30mA IΔn ms	30mA or below 5 IΔn ms	Manual test button operation RCD (✓)	AFDD (✓)
1/L1	Sockets	A	B	6	2.5	1.5	0.4	60898 MCB	B	10	6	N/A	3.49	N/A	N/A	N/A	N/A	0.14	N/A	250	LIM	>299	✓	0.59	N/A	N/A	N/A	N/A
2/L1	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
3/L1	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
4/L1	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Details of circuits and/or installed equipment vulnerable to damage when testing

Date(s) dead testing: 26/07/2022 To 26/07/2022

Date(s) live testing: 26/07/2022 To 26/07/2022

Tested by: Name (capital letters): LIAM KIMBLE Position: Electrical Test Engineer Date: 26/07/2022

Signature:

Wiring Types. A PVC/PVC, B PVC cables in metallic Conduit, C PVC cables in non-metallic Conduit, D PVC cables in metallic trunking, E PVC cables in non-metallic trunking, F PVC/SWA cables, G SWA/XPLE cables, H Mineral Insulated, MW Metal Work, FM Ferrous Metal, O Other
A/A1 - Single Core PVC Cables (4D1A), A/A2 - Multicore PVC Cables (4D2A), F/F1 - Single-core armoures PVC SWA Cables (4D3A), F/F2 - PVC SWA Cables (4D4A), A/A3 - PVC Twin & Earth (4D5), O/O1 - LSF single core cables 90°C rated (4E1A), O/O2 - Multi-core LSF cables 90°C rated (4E2A), G/G1 - Single-core armoured XLPE cables or 90°C rated (4E3A), G/G2 - Multi-core armoured XLPE cables or 90°C rated (4E4A), H/H1 - MICC exposed to touch (4G1A)

ELECTRICAL INSTALLATION CONDITION REPORT - Schedule of Tests

for Industrial/Commercial Premises

FT/EICR 110151231

Requirements for Electrical Installations
BS 7671:2018 (IET Wiring Regulations 18th Edition)

Company Name	PHS Compliance	**Company Address**	Kid Glove Road	**Postcode**	WA3 3GR	**Branch No.**	**Scheme No.**
Client	UPP Residential Services Ltd	**Installation Address**	Swansea University Bay Campus - Dryslwyn 1B & Nest 2, Reception - Ground Floor Tower Information Centre, Fabian Way, Crymlyn Burrows, Swansea, West Glamorgan	**Postcode**	SA1 8EN		

Distribution board details - Complete in every case

Location: Room 3 Riser [Schneider]
Designation: DB CL8/13
Num. of ways: 4 Num. of phases: 1
Supply polarity confirmed: ☑ Phase sequence confirmed: ☐

Complete only if the distribution board is not connected directly to the origin of the installation

Supply to distribution board is from: Sub Mains(DB CL8, 13/L1)
Overcurrent protective device for the distribution circuit: BS(EN) 61009 RCD/RCBO Type B Rating 32 A Voltage 230 V

Characteristics at this distribution board

Associated RCD(if any): BS (EN) 61008
Z_d 0.25 Ω No. of poles 2
I_{pf} 1.00 kA IΔn 30
Time delay (if applicable) N/A
Operating at 1 IΔn: Above 30mA 28.2 ms
Operating at 5 IΔn: 30mA or below 19.4 ms
(if applicable)

Test instrument serial number(s)

Loop impedance: 100701/4664
Insulation resistance: 100701/4664
Continuity: 100701/4664
RCD: 100701/4664

CIRCUIT DETAILS / TEST RESULTS

Circuit No. and Line No.	Distribution board Designation: DB CL8/13 / Circuit designation	Type of wiring	Ref. method	No. of points	Circuit conductors csa (mm²) L / N	Circuit conductors csa (mm²) CPC	Maximum disconnection	Overcurrent protective devices BS EN Number	Type No.	Rating (A)	Breaking capacity (KA)	RCD operating (mA)	BS 7671 Max. permitted Zs Other 80% (Ω)	Circuit impedance Ω Ring final circuits only (measured end-to-end) r1	rn	r2	Fig 8 check (✓)	All circuits to be completed using R1R2 or R2, not both R1 + R2	R2	Insulation resistance (Record lower reading) Test voltage V	L/L, L/N M(Ω)	L/E, N/E M(Ω)	Polarity (✓)	Max. Measured Zs (Ω)	RCD testing Above 30mA IΔn ms	30mA or below 5 IΔn ms	Manual test button operation RCD (✓)	AFDD (✓)
1/L1	Sockets	A	B	6	2.5	1.5	0.4	60898 MCB	B	10	6	N/A	3.49	N/A	N/A	N/A	N/A	0.12	N/A	250	LIM	>299	✓	0.52	N/A	N/A	N/A	N/A
2/L1	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
3/L1	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
4/L1	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Details of circuits and/or installed equipment vulnerable to damage when testing

Date(s) dead testing: 26/07/2022 To 26/07/2022

Date(s) live testing: 26/07/2022 To 26/07/2022

Tested by: Name (capital letters): LIAM KIMBLE Position: Electrical Test Engineer Date: 26/07/2022

Signature

Wiring Types. A PVC/PVC, B PVC cables in metallic Conduit, C PVC cables in non-metallic Conduit, D PVC cables in metallic trunking, E PVC cables in non-metallic trunking, F PVC/SWA cables, G SWA/XPLE cables, H Mineral Insulated, MW Metal Work, FM Ferrous Metal, O Other
A/A1 - Single Core PVC Cables (4D1A), A/A2 - Multicore PVC Cables (4D2A), F/F1 - Single-core armoures PVC SWA Cables (4D3A), F/F2 - PVC SWA Cables (4D4A), A/A3 - PVC Twin & Earth (4D5), O/O1 - LSF single core cables 90°C rated (4E1A), O/O2 - Multi-core LSF cables 90°C rated (4E2A), G/G1 - Single-core armoured XLPE cables or 90°C rated (4E3A), G/G2 - Multi-core armoured XLPE cables or 90°C rated (4E4A), H/H1 - MICC exposed to touch (4G1A)

ELECTRICAL INSTALLATION CONDITION REPORT - Schedule of Tests

for Industrial/Commercial Premises

FT/EICR 110151231

Requirements for Electrical Installations
BS 7671:2018 (IET Wiring Regulations 18th Edition)

Company Name	PHS Compliance	**Company Address**	Kid Glove Road	**Postcode**	WA3 3GR	**Branch No.**	**Scheme No.**
Client	UPP Residential Services Ltd	**Installation Address**	Swansea University Bay Campus - Dryslwyn 1B & Nest 2, Reception - Ground Floor Tower Information Centre, Fabian Way, Crymlyn Burrows, Swansea, West Glamorgan	**Postcode**	SA1 8EN		

Distribution board details - Complete in every case

Location: Room 4 Riser [Schneider]
Designation: DB CL8/13-1
Num. of ways: 4 Num. of phases: 1
Supply polarity confirmed: ☑ Phase sequence confirmed: ☐

Complete only if the distribution board is not connected directly to the origin of the installation

Supply to distribution board is from: Sub Mains(DB CL8, 13/L1)
Overcurrent protective device for the distribution circuit: BS(EN) 61009 RCD/RCBO Type B Rating 32 A Voltage 230 V

Characteristics at this distribution board

Associated RCD(if any): BS (EN) 61008
Z_d 0.25 Ω No. of poles 2
I_{pf} 1.00 kA IΔn 30
Time delay (if applicable) N/A
Operating at 1 IΔn: Above 30mA 28.2 ms
Operating at 5 IΔn: 30mA or below 19.4 ms
(if applicable)

Test instrument serial number(s)

Loop impedance: 100701/4664
Insulation resistance: 100701/4664
Continuity: 100701/4664
RCD: 100701/4664

CIRCUIT DETAILS / TEST RESULTS

Circuit No. and Line No.	Distribution board Designation / Circuit designation	Type of wiring	Ref. method	No. of points	Circuit conductors csa (mm²) L / N	Circuit conductors csa (mm²) CPC	Maximum disconnection	Overcurrent protective devices BS EN Number	Type No.	Rating (A)	Breaking capacity (KA)	RCD operating (mA)	BS 7671 Max. permitted Zs Other 80% (Ω)	Circuit impedance Ω Ring final circuits only (measured end-to-end) r1	rn	r2	Fig 8 check (✓)	All circuits to be completed using R1R2 or R2, not both R1 + R2	R2	Insulation resistance (Record lower reading) Test voltage V	L/L, L/N M(Ω)	L/E, N/E M(Ω)	Polarity (✓)	Max. Measured Zs (Ω)	RCD testing Above 30mA IΔn ms	30mA or below 5 IΔn ms	Manual test button operation RCD (✓)	AFDD (✓)
1/L1	Sockets	A	B	6	2.5	1.5	0.4	60898 MCB	B	10	6	N/A	3.49	N/A	N/A	N/A	N/A	0.14	N/A	250	LIM	>299	✓	0.62	N/A	N/A	N/A	N/A
2/L1	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
3/L1	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
4/L1	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Details of circuits and/or installed equipment vulnerable to damage when testing

Date(s) dead testing 26/07/2022 To 26/07/2022

Date(s) live testing 26/07/2022 To 26/07/2022

Tested by: Name (capital letters) LIAM KIMBLE Position Electrical Test Engineer Date 26/07/2022

Signature

Wiring Types. A PVC/PVC, B PVC cables in metallic Conduit, C PVC cables in non-metallic Conduit, D PVC cables in metallic trunking, E PVC cables in non-metallic trunking, F PVC/SWA cables, G SWA/XPLE cables, H Mineral Insulated, MW Metal Work, FM Ferrous Metal, O Other
A/A1 - Single Core PVC Cables (4D1A), A/A2 - Multicore PVC Cables (4D2A), F/F1 - Single-core armoures PVC SWA Cables (4D3A), F/F2 - PVC SWA Cables (4D4A), A/A3 - PVC Twin & Earth (4D5), O/O1 - LSF single core cables 90°C rated (4E1A), O/O2 - Multi-core LSF cables 90°C rated (4E2A), G/G1 - Single-core armoured XLPE cables or 90°C rated (4E3A), G/G2 - Multi-core armoured XLPE cables or 90°C rated (4E4A), H/H1 - MICC exposed to touch (4G1A)

ELECTRICAL INSTALLATION CONDITION REPORT - Schedule of Tests

for Industrial/Commercial Premises

FT/EICR 110151231

Requirements for Electrical Installations
BS 7671:2018 (IET Wiring Regulations 18th Edition)

Company Name	PHS Compliance	**Company Address**	Kid Glove Road	**Postcode**	WA3 3GR	**Branch No.**	**Scheme No.**
Client	UPP Residential Services Ltd	**Installation Address**	Swansea University Bay Campus - Dryslwyn 1B & Nest 2, Reception - Ground Floor Tower Information Centre, Fabian Way, Crymlyn Burrows, Swansea, West Glamorgan	**Postcode**	SA1 8EN		

Distribution board details - Complete in every case

Location: Flat 11 [Schneider]
Designation: DB CL9
Num. of ways: 18 Num. of phases: 1
Supply polarity confirmed ☐ Phase sequence confirmed ☐

Complete only if the distribution board is not connected directly to the origin of the installation

Supply to distribution board is from: Sub Mains(BB Dryslwyn, 5/L2)
Overcurrent protective device for the distribution circuit: BS(EN) 88-2 HRC Type gG Rating 63 A Voltage V

Characteristics at this distribution board

Associated RCD(if any): BS (EN)
Z_d 0.12 Ω No. of poles
I_{pf} 2 kA IΔn N/A
Time delay (if applicable)
Operating at 1 IΔn: Above 30mA N/A ms; 30mA or below
Operating at 5 IΔn N/A ms (if applicable)

Test instrument serial number(s)

Loop impedance 100701/4664
Insulation resistance 100701/4664
Continuity 100701/4664
RCD 100701/4664

CIRCUIT DETAILS / TEST RESULTS

Circuit No. and Line No.	Distribution board Designation: DB CL9 / Circuit designation	Type of wiring	Ref. method	No. of points	Circuit conductors csa (mm²) L / N	Circuit conductors csa (mm²) CPC	Maximum disconnection	Overcurrent protective devices BS EN Number	Type No.	Rating (A)	Breaking capacity (KA)	RCD operating (mA)	BS 7671 Max. permitted Zs Other 80% (Ω)	Circuit impedance Ω: Ring final circuits only (measured end-to-end) r1	rn	r2	Fig 8 check (✓)	All circuits to be completed using R1R2 or R2, not both: R1 + R2	R2	Insulation resistance (Record lower reading) Test voltage V	L/L, L/N M(Ω)	L/E, N/E M(Ω)	Polarity (✓)	Max. Measured Zs (Ω)	RCD testing: Above 30mA IΔn ms	30mA or below 5 IΔn ms	Manual test button operation: RCD (✓)	AFDD (✓)
1/L2	Bedroom Lights	A	B	8	1.5	1	0.4	61009 RCD/RCBO	C	10	10	30	1.75	N/A	N/A	N/A	N/A	0.47	N/A	250	LIM	>299	✓	0.64	25.2	32.8	✓	N/A
2/L2	Bedroom Lights 2	A	B	8	1.5	1	0.4	61009 RCD/RCBO	C	10	10	30	1.75	N/A	N/A	N/A	N/A	0.36	N/A	250	LIM	>299	✓	0.52	29.4	27.4	✓	N/A
3/L2	Bedroom Lights 3	A	B	8	1.5	1	0.4	61009 RCD/RCBO	C	10	10	30	1.75	N/A	N/A	N/A	N/A	0.51	N/A	250	LIM	>299	✓	0.74	26.2	28.0	✓	N/A
4/L2	Common Room Lights	A	B	6	1.5	1	0.4	61009 RCD/RCBO	C	10	10	30	1.75	N/A	N/A	N/A	N/A	0.28	N/A	250	LIM	>299	✓	0.44	28.4	27.9	✓	N/A
5/L2	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
6/L2	Common Room Ring 1	A	B	8	2x2.5	2x1.5	0.4	61009 RCD/RCBO	B	32	10	30	1.09	0.30	0.30	0.42	✓	0.18	N/A	250	LIM	>299	✓	0.34	29.2	27.4	✓	N/A
7/L2	Common Room Ring 2	A	B	8	2x2.5	2x1.5	0.4	61009 RCD/RCBO	C	32	10	30	0.54	0.24	0.24	0.31	✓	0.14	N/A	250	LIM	>299	✓	0.28	24.8	22.1	✓	N/A
8/L2	Hob 1	A	B	1	10	4	0.4	61009 RCD/RCBO	B	32	10	30	1.09	N/A	N/A	N/A	N/A	0.16	N/A	250	LIM	>299	✓	0.40	28.6	26.0	✓	N/A
9/L2	Hob 2	A	B	1	10	4	0.4	61009 RCD/RCBO	B	32	10	30	1.09	N/A	N/A	N/A	N/A	0.25	N/A	250	LIM	>299	✓	0.37	22.6	19.8	✓	N/A
10/L2	Sub Mains(DB CL9/10, DB CL9/10-1)	A	B	3	2x2.5	2x1.5	0.4	61009 RCD/RCBO	B	32	10	30	1.09	0.28	0.28	0.32	✓	0.15	N/A	250	LIM	>299	✓	0.31	28.8	25.4	✓	N/A
11/L2	Sub Mains(DB CL9/11, DB CL9/11-1, DB CL9/11-2)	A	B	2	2x2.5	2x1.5	0.4	61009 RCD/RCBO	B	32	10	30	1.09	0.24	0.26	0.38	✓	0.17	N/A	250	LIM	>299	✓	0.32	28.4	27.2	✓	N/A
12/L2	Sub Mains(DB CL9/12, DB CL9/12-1, DB CL9/12-2)	A	B	3	2x2.5	2x1.5	0.4	61009 RCD/RCBO	B	32	10	30	1.09	0.34	0.34	0.42	✓	0.19	N/A	250	LIM	>299	✓	0.44	28.8	26.2	✓	N/A
13/L2	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
14/L2	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Details of circuits and/or installed equipment vulnerable to damage when testing

Date(s) dead testing 28/07/2022 To 28/07/2022

Date(s) live testing 28/07/2022 To 28/07/2022

Tested by: Name (capital letters) LIAM KIMBLE Position Electrical Test Engineer Date 28/07/2022

Signature

Wiring Types. A PVC/PVC, B PVC cables in metallic Conduit, C PVC cables in non-metallic Conduit, D PVC cables in metallic trunking, E PVC cables in non-metallic trunking, F PVC/SWA cables, G SWA/XPLE cables, H Mineral Insulated, MW Metal Work, FM Ferrous Metal, O Other
A/A1 - Single Core PVC Cables (4D1A), A/A2 - Multicore PVC Cables (4D2A), F/F1 - Single-core armoures PVC SWA Cables (4D3A), F/F2 - PVC SWA Cables (4D4A), A/A3 - PVC Twin & Earth (4D5), O/O1 - LSF single core cables 90°C rated (4E1A), O/O2 - Multi-core LSF cables 90°C rated (4E2A), G/G1 - Single-core armoured XLPE cables or 90°C rated (4E3A), G/G2 - Multi-core armoured XLPE cables or 90°C rated (4E4A), H/H1 - MICC exposed to touch (4G1A)

ELECTRICAL INSTALLATION CONDITION REPORT - Schedule of Tests

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for Industrial/Commercial Premises

Requirements for Electrical Installations
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CIRCUIT DETAILS														TEST RESULTS																
Circuit No. and Line No.	Distribution board Designation / Circuit designation	Type of wiring	Ref. method	No. of points	Circuit conductors csa (mm²)		Maximum disconnection	Overcurrent protective devices			Breaking capacity	RCD operating	BS 7671 Max. permitted Zs Other	Circuit impedance Ω						Insulation resistance (Record lower reading)			Polarity	Max. Measured Zs	RCD testing		Manual test button operation	
	DB CL9													Ring final circuits only (measured end-to-end)			Fig 8 check	All circuits to be completed using R1R2 or R2, not both		Test voltage	L/L, L/N	L/E, N/E			Above 30mA IΔn	30mA or below 5 IΔn	RCD	AFDD
					L / N	CPC		BS EN Number	Type No.	Rating (A)	(KA)	(mA)	80% (Ω)	r1	rn	r2	(✓)	R1 + R2	R2	V	M(Ω)	M(Ω)	(✓)	Zs (Ω)	ms	ms	(✓)	(✓)
15/L2	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
16/L2	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
17/L2	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
18/L2	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Details of circuits and/or installed equipment vulnerable to damage when testing

Date(s) dead testing 28/07/2022 To 28/07/2022

Date(s) live testing 28/07/2022 To 28/07/2022

Tested by: Name (capital letters) LIAM KIMBLE

Position Electrical Test Engineer

Date 28/07/2022

Signature

Wiring Types. A PVC/PVC, B PVC cables in metallic Conduit, C PVC cables in non-metallic Conduit, D PVC cables in metallic trunking, E PVC cables in non-metallic trunking, F PVC/SWA cables, G SWA/XPLE cables, H Mineral Insulated, MW Metal Work, FM Ferrous Metal, O Other
A/A1 - Single Core PVC Cables (4D1A), A/A2 - Multicore PVC Cables (4D2A), F/F1 - Single-core armoures PVC SWA Cables (4D3A), F/F2 - PVC SWA Cables (4D4A), A/A3 - PVC Twin & Earth (4D5), O/O1 - LSF single core cables 90°C rated (4E1A), O/O2 - Multi-core LSF cables 90°C rated (4E2A), G/G1 - Single-core armoured XLPE cables or 90°C rated (4E3A), G/G2 - Multi-core armoured XLPE cables or 90°C rated (4E4A), H/H1 - MICC exposed to touch (4G1A)

ELECTRICAL INSTALLATION CONDITION REPORT - Schedule of Tests

for Industrial/Commercial Premises

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Requirements for Electrical Installations
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Company Name	PHS Compliance	**Company Address**	Kid Glove Road	**Postcode**	WA3 3GR	**Branch No.**	**Scheme No.**
Client	UPP Residential Services Ltd	**Installation Address**	Swansea University Bay Campus - Dryslwyn 1B & Nest 2, Reception - Ground Floor Tower Information Centre, Fabian Way, Crymlyn Burrows, Swansea, West Glamorgan	**Postcode**	SA1 8EN		

Distribution board details - Complete in every case

Location: Room 5 Riser [Schneider]
Designation: DB CL9/10
Num. of ways: 4 Num. of phases: 1
Supply polarity confirmed: ☑ Phase sequence confirmed: ☐

Complete only if the distribution board is not connected directly to the origin of the installation

Supply to distribution board is from: Sub Mains(DB CL9, 10/L2)
Overcurrent protective device for the distribution circuit: BS(EN) 61009 RCD/RCBO Type B Rating 32 A Voltage 230 V

Characteristics at this distribution board

Associated RCD(if any): BS (EN) 61008
Z_d 0.31 Ω No. of poles 2
I_{pf} 0.75 kA IΔn 30
Time delay (if applicable) N/A
Operating at 1 IΔn: Above 30mA 28.8 ms
Operating at 5 IΔn: 30mA or below 25.4 ms
(if applicable)

Test instrument serial number(s)

Loop impedance: 100701/4664
Insulation resistance: 100701/4664
Continuity: 100701/4664
RCD: 100701/4664

CIRCUIT DETAILS / TEST RESULTS

Circuit No. and Line No.	Distribution board Designation / Circuit designation	Type of wiring	Ref. method	No. of points	Circuit conductors csa (mm²) L / N	Circuit conductors csa (mm²) CPC	Maximum disconnection	Overcurrent protective devices BS EN Number	Type No.	Rating (A)	Breaking capacity (KA)	RCD operating (mA)	BS 7671 Max. permitted Zs Other 80% (Ω)	Circuit impedance Ω Ring final circuits only (measured end-to-end) r1	rn	r2	Fig 8 check (✓)	All circuits to be completed using R1R2 or R2, not both R1 + R2	R2	Insulation resistance (Record lower reading) Test voltage V	L/L, L/N M(Ω)	L/E, N/E M(Ω)	Polarity (✓)	Max. Measured Zs (Ω)	RCD testing Above 30mA IΔn ms	30mA or below 5 IΔn ms	Manual test button operation RCD (✓)	AFDD (✓)
1/L2	Sockets	A	B	6	2.5	1.5	0.4	60898 MCB	B	10	6	N/A	3.49	N/A	N/A	N/A	N/A	0.14	N/A	250	LIM	>299	✓	0.42	N/A	N/A	N/A	N/A
2/L2	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
3/L2	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
4/L2	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Details of circuits and/or installed equipment vulnerable to damage when testing

Date(s) dead testing: 26/07/2022 To 26/07/2022

Date(s) live testing: 26/07/2022 To 26/07/2022

Tested by: Name (capital letters): LIAM KIMBLE Position: Electrical Test Engineer Date: 26/07/2022

Signature:

Wiring Types. A PVC/PVC, B PVC cables in metallic Conduit, C PVC cables in non-metallic Conduit, D PVC cables in metallic trunking, E PVC cables in non-metallic trunking, F PVC/SWA cables, G SWA/XPLE cables, H Mineral Insulated, MW Metal Work, FM Ferrous Metal, O Other
A/A1 - Single Core PVC Cables (4D1A), A/A2 - Multicore PVC Cables (4D2A), F/F1 - Single-core armoures PVC SWA Cables (4D3A), F/F2 - PVC SWA Cables (4D4A), A/A3 - PVC Twin & Earth (4D5), O/O1 - LSF single core cables 90°C rated (4E1A), O/O2 - Multi-core LSF cables 90°C rated (4E2A), G/G1 - Single-core armoured XLPE cables or 90°C rated (4E3A), G/G2 - Multi-core armoured XLPE cables or 90°C rated (4E4A), H/H1 - MICC exposed to touch (4G1A)

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Requirements for Electrical Installations
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Company Name	PHS Compliance	**Company Address**	Kid Glove Road	**Postcode**	WA3 3GR	**Branch No.**	**Scheme No.**
Client	UPP Residential Services Ltd	**Installation Address**	Swansea University Bay Campus - Dryslwyn 1B & Nest 2, Reception - Ground Floor Tower Information Centre, Fabian Way, Crymlyn Burrows, Swansea, West Glamorgan	**Postcode**	SA1 8EN		

Distribution board details - Complete in every case

Location: Room 6 Riser [Schneider]
Designation: DB CL9/10-1
Num. of ways: 4 Num. of phases: 1
Supply polarity confirmed: ☑ Phase sequence confirmed: ☐

Complete only if the distribution board is not connected directly to the origin of the installation

Supply to distribution board is from: Sub Mains(DB CL9, 10/L2)
Overcurrent protective device for the distribution circuit: BS(EN) 61009 RCD/RCBO Type B Rating 32 A Voltage 230 V

Characteristics at this distribution board

Associated RCD(if any): BS (EN) 61008
Z_d 0.31 Ω No. of poles 2
I_{pf} 0.75 kA IΔn 30
Time delay (if applicable) N/A
Operating at 1 IΔn: Above 30mA 28.8 ms
Operating at 5 IΔn: 30mA or below 25.4 ms
(if applicable)

Test instrument serial number(s)

Loop impedance: 100701/4664
Insulation resistance: 100701/4664
Continuity: 100701/4664
RCD: 100701/4664

CIRCUIT DETAILS / TEST RESULTS

Circuit No. and Line No.	Distribution board Designation / Circuit designation	Type of wiring	Ref. method	No. of points	Circuit conductors csa (mm²) L / N	Circuit conductors csa (mm²) CPC	Maximum disconnection	Overcurrent protective devices BS EN Number	Type No.	Rating (A)	Breaking capacity (KA)	RCD operating (mA)	BS 7671 Max. permitted Zs Other 80% (Ω)	Circuit impedance Ω Ring final circuits only (measured end-to-end) r1	rn	r2	Fig 8 check (✓)	All circuits to be completed using R1R2 or R2, not both R1 + R2	R2	Insulation resistance (Record lower reading) Test voltage V	L/L, L/N M(Ω)	L/E, N/E M(Ω)	Polarity (✓)	Max. Measured Zs (Ω)	RCD testing Above 30mA IΔn ms	30mA or below 5 IΔn ms	Manual test button operation RCD (✓)	AFDD (✓)
1/L2	Sockets	A	B	6	2.5	1.5	0.4	60898 MCB	B	10	6	N/A	3.49	N/A	N/A	N/A	N/A	0.10	N/A	250	LIM	>299	✓	0.41	N/A	N/A	N/A	N/A
2/L2	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
3/L2	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
4/L2	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Details of circuits and/or installed equipment vulnerable to damage when testing

Date(s) dead testing: 26/07/2022 To 26/07/2022

Date(s) live testing: 26/07/2022 To 26/07/2022

Tested by: Name (capital letters): LIAM KIMBLE Position: Electrical Test Engineer Date: 26/07/2022

Signature:

Wiring Types. A PVC/PVC, B PVC cables in metallic Conduit, C PVC cables in non-metallic Conduit, D PVC cables in metallic trunking, E PVC cables in non-metallic trunking, F PVC/SWA cables, G SWA/XPLE cables, H Mineral Insulated, MW Metal Work, FM Ferrous Metal, O Other
A/A1 - Single Core PVC Cables (4D1A), A/A2 - Multicore PVC Cables (4D2A), F/F1 - Single-core armoures PVC SWA Cables (4D3A), F/F2 - PVC SWA Cables (4D4A), A/A3 - PVC Twin & Earth (4D5), O/O1 - LSF single core cables 90°C rated (4E1A), O/O2 - Multi-core LSF cables 90°C rated (4E2A), G/G1 - Single-core armoured XLPE cables or 90°C rated (4E3A), G/G2 - Multi-core armoured XLPE cables or 90°C rated (4E4A), H/H1 - MICC exposed to touch (4G1A)

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Requirements for Electrical Installations
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Company Name	PHS Compliance	**Company Address**	Kid Glove Road	**Postcode**	WA3 3GR	**Branch No.**	**Scheme No.**
Client	UPP Residential Services Ltd	**Installation Address**	Swansea University Bay Campus - Dryslwyn 1B & Nest 2, Reception - Ground Floor Tower Information Centre, Fabian Way, Crymlyn Burrows, Swansea, West Glamorgan	**Postcode**	SA1 8EN		

Distribution board details - Complete in every case

Location: Room 7 Riser [Schneider]
Designation: DB CL9/11
Num. of ways: 4 Num. of phases: 1
Supply polarity confirmed: ☑ Phase sequence confirmed: ☐

Complete only if the distribution board is not connected directly to the origin of the installation

Supply to distribution board is from: Sub Mains(DB CL9, 11/L2)
Overcurrent protective device for the distribution circuit: BS(EN) 61009 RCD/RCBO Type B Rating 32 A Voltage 230 V

Characteristics at this distribution board

Associated RCD(if any): BS (EN) 61008
Z_d 0.32 Ω No. of poles 2
I_{pf} 0.73 kA IΔn 30
Time delay (if applicable) N/A
Operating at 1 IΔn Above 30mA 28.4 ms
Operating at 5 IΔn 30mA or below 27.2 ms
(if applicable)

Test instrument serial number(s)

Loop impedance 100701/4664
Insulation resistance 100701/4664
Continuity 100701/4664
RCD 100701/4664

CIRCUIT DETAILS / TEST RESULTS

Circuit No. and Line No.	Distribution board Designation / Circuit designation	Type of wiring	Ref. method	No. of points	Circuit conductors csa (mm²) L / N	Circuit conductors csa (mm²) CPC	Maximum disconnection	Overcurrent protective devices BS EN Number	Type No.	Rating (A)	Breaking capacity (KA)	RCD operating (mA)	BS 7671 Max. permitted Zs Other 80% (Ω)	Circuit impedance Ω Ring final circuits only (measured end-to-end) r1	rn	r2	Fig 8 check (✓)	All circuits to be completed using R1R2 or R2, not both R1 + R2	R2	Insulation resistance (Record lower reading) Test voltage V	L/L, L/N M(Ω)	L/E, N/E M(Ω)	Polarity (✓)	Max. Measured Zs (Ω)	RCD testing Above 30mA IΔn ms	30mA or below 5 IΔn ms	Manual test button operation RCD (✓)	AFDD (✓)
1/L2	Sockets	A	B	6	2.5	1.5	0.4	60898 MCB	B	10	6	N/A	3.49	N/A	N/A	N/A	N/A	0.08	N/A	250	LIM	>299	✓	0.45	N/A	N/A	N/A	N/A
2/L2	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
3/L2	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
4/L2	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Details of circuits and/or installed equipment vulnerable to damage when testing

Date(s) dead testing 26/07/2022 To 26/07/2022

Date(s) live testing 26/07/2022 To 26/07/2022

Tested by: Name (capital letters) LIAM KIMBLE Position Electrical Test Engineer Date 26/07/2022

Signature

Wiring Types. A PVC/PVC, B PVC cables in metallic Conduit, C PVC cables in non-metallic Conduit, D PVC cables in metallic trunking, E PVC cables in non-metallic trunking, F PVC/SWA cables, G SWA/XPLE cables, H Mineral Insulated, MW Metal Work, FM Ferrous Metal, O Other
A/A1 - Single Core PVC Cables (4D1A), A/A2 - Multicore PVC Cables (4D2A), F/F1 - Single-core armoures PVC SWA Cables (4D3A), F/F2 - PVC SWA Cables (4D4A), A/A3 - PVC Twin & Earth (4D5), O/O1 - LSF single core cables 90°C rated (4E1A), O/O2 - Multi-core LSF cables 90°C rated (4E2A), G/G1 - Single-core armoured XLPE cables or 90°C rated (4E3A), G/G2 - Multi-core armoured XLPE cables or 90°C rated (4E4A), H/H1 - MICC exposed to touch (4G1A)

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for Industrial/Commercial Premises

FT/EICR 110151231

Requirements for Electrical Installations
BS 7671:2018 (IET Wiring Regulations 18th Edition)

Company Name	PHS Compliance	**Company Address**	Kid Glove Road	**Postcode**	WA3 3GR	**Branch No.**	**Scheme No.**
Client	UPP Residential Services Ltd	**Installation Address**	Swansea University Bay Campus - Dryslwyn 1B & Nest 2, Reception - Ground Floor Tower Information Centre, Fabian Way, Crymlyn Burrows, Swansea, West Glamorgan	**Postcode**	SA1 8EN		

Distribution board details - Complete in every case

Location: Room 8 Riser [Schneider]
Designation: DB CL9/11-1
Num. of ways: 4 Num. of phases: 1
Supply polarity confirmed: ☑ Phase sequence confirmed: ☐

Complete only if the distribution board is not connected directly to the origin of the installation

Supply to distribution board is from: Sub Mains(DB CL9, 11/L2)
Overcurrent protective device for the distribution circuit: BS(EN) 61009 RCD/RCBO Type B Rating 32 A Voltage 230 V

Characteristics at this distribution board

Associated RCD(if any): BS (EN) 61008
Z_d 0.32 Ω No. of poles 2
I_{pf} 0.73 kA IΔn 30
Time delay (if applicable) N/A
Operating at 1 IΔn Above 30mA 28.4 ms
Operating at 5 IΔn 30mA or below 27.2 ms
(if applicable)

Test instrument serial number(s)

Loop impedance 100701/4664
Insulation resistance 100701/4664
Continuity 100701/4664
RCD 100701/4664

CIRCUIT DETAILS / TEST RESULTS

Circuit No. and Line No.	Distribution board Designation / Circuit designation	Type of wiring	Ref. method	No. of points	Circuit conductors csa (mm²) L / N	Circuit conductors csa (mm²) CPC	Maximum disconnection	Overcurrent protective devices BS EN Number	Type No.	Rating (A)	Breaking capacity (KA)	RCD operating (mA)	BS 7671 Max. permitted Zs Other 80% (Ω)	Circuit impedance Ω Ring final circuits only (measured end-to-end) r1	rn	r2	Fig 8 check (✓)	All circuits to be completed using R1R2 or R2, not both R1 + R2	R2	Insulation resistance (Record lower reading) Test voltage V	L/L, L/N M(Ω)	L/E, N/E M(Ω)	Polarity (✓)	Max. Measured Zs (Ω)	RCD testing Above 30mA IΔn ms	30mA or below 5 IΔn ms	Manual test button operation RCD (✓)	AFDD (✓)
1/L2	Sockets	A	B	6	2.5	1.5	0.4	60898 MCB	B	10	6	N/A	3.49	N/A	N/A	N/A	N/A	0.14	N/A	250	LIM	>299	✓	0.55	N/A	N/A	N/A	N/A
2/L2	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
3/L2	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
4/L2	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Details of circuits and/or installed equipment vulnerable to damage when testing

Date(s) dead testing 26/07/2022 To 26/07/2022

Date(s) live testing 26/07/2022 To 26/07/2022

Tested by: Name (capital letters) LIAM KIMBLE Position Electrical Test Engineer Date 26/07/2022

Signature

Wiring Types. A PVC/PVC, B PVC cables in metallic Conduit, C PVC cables in non-metallic Conduit, D PVC cables in metallic trunking, E PVC cables in non-metallic trunking, F PVC/SWA cables, G SWA/XPLE cables, H Mineral Insulated, MW Metal Work, FM Ferrous Metal, O Other
A/A1 - Single Core PVC Cables (4D1A), A/A2 - Multicore PVC Cables (4D2A), F/F1 - Single-core armoures PVC SWA Cables (4D3A), F/F2 - PVC SWA Cables (4D4A), A/A3 - PVC Twin & Earth (4D5), O/O1 - LSF single core cables 90°C rated (4E1A), O/O2 - Multi-core LSF cables 90°C rated (4E2A), G/G1 - Single-core armoured XLPE cables or 90°C rated (4E3A), G/G2 - Multi-core armoured XLPE cables or 90°C rated (4E4A), H/H1 - MICC exposed to touch (4G1A)

ELECTRICAL INSTALLATION CONDITION REPORT - Schedule of Tests

for Industrial/Commercial Premises

FT/EICR 110151231

Requirements for Electrical Installations
BS 7671:2018 (IET Wiring Regulations 18th Edition)

Company Name	PHS Compliance	**Company Address**	Kid Glove Road	**Postcode**	WA3 3GR	**Branch No.**	**Scheme No.**
Client	UPP Residential Services Ltd	**Installation Address**	Swansea University Bay Campus - Dryslwyn 1B & Nest 2, Reception - Ground Floor Tower Information Centre, Fabian Way, Crymlyn Burrows, Swansea, West Glamorgan	**Postcode**	SA1 8EN		

Distribution board details - Complete in every case

Location: Room 9 Riser [Schneider]
Designation: DB CL9/11-2
Num. of ways: 4 Num. of phases: 1
Supply polarity confirmed ☑ Phase sequence confirmed ☐

Complete only if the distribution board is not connected directly to the origin of the installation

Supply to distribution board is from: Sub Mains(DB CL9, 11/L2)
Overcurrent protective device for the distribution circuit: BS(EN) 61009 RCD/RCBO Type B Rating 32 A Voltage 230 V

Characteristics at this distribution board

Associated RCD(if any): BS (EN) 61008
Z_d 0.32 Ω No. of poles 2
I_{pf} 0.73 kA IΔn 30
Time delay (if applicable) N/A
Operating at 1 IΔn Above 30mA 28.4 ms
Operating at 5 IΔn 30mA or below 27.2 ms
(if applicable)

Test instrument serial number(s)

Loop impedance 100701/4664
Insulation resistance 100701/4664
Continuity 100701/4664
RCD 100701/4664

CIRCUIT DETAILS / TEST RESULTS

Circuit No. and Line No.	Distribution board Designation / Circuit designation	Type of wiring	Ref. method	No. of points	Circuit conductors csa (mm²) L / N	Circuit conductors csa (mm²) CPC	Maximum disconnection	Overcurrent protective devices BS EN Number	Type No.	Rating (A)	Breaking capacity (KA)	RCD operating (mA)	BS 7671 Max. permitted Zs Other 80% (Ω)	Circuit impedance Ω Ring final circuits only (measured end-to-end) r1	rn	r2	Fig 8 check (✓)	All circuits to be completed using R1R2 or R2, not both R1 + R2	R2	Insulation resistance (Record lower reading) Test voltage V	L/L, L/N M(Ω)	L/E, N/E M(Ω)	Polarity (✓)	Max. Measured Zs (Ω)	RCD testing Above 30mA IΔn ms	30mA or below 5 IΔn ms	Manual test button operation RCD (✓)	AFDD (✓)
1/L2	Sockets	A	B	6	2.5	1.5	0.4	60898 MCB	B	10	6	N/A	3.49	N/A	N/A	N/A	N/A	0.12	N/A	250	LIM	>299	✓	0.45	N/A	N/A	N/A	N/A
2/L2	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
3/L2	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
4/L2	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Details of circuits and/or installed equipment vulnerable to damage when testing

Date(s) dead testing 26/07/2022 To 26/07/2022

Date(s) live testing 26/07/2022 To 26/07/2022

Tested by: Name (capital letters) LIAM KIMBLE Position Electrical Test Engineer Date 26/07/2022

Signature

Wiring Types. A PVC/PVC, B PVC cables in metallic Conduit, C PVC cables in non-metallic Conduit, D PVC cables in metallic trunking, E PVC cables in non-metallic trunking, F PVC/SWA cables, G SWA/XPLE cables, H Mineral Insulated, MW Metal Work, FM Ferrous Metal, O Other
A/A1 - Single Core PVC Cables (4D1A), A/A2 - Multicore PVC Cables (4D2A), F/F1 - Single-core armoures PVC SWA Cables (4D3A), F/F2 - PVC SWA Cables (4D4A), A/A3 - PVC Twin & Earth (4D5), O/O1 - LSF single core cables 90°C rated (4E1A), O/O2 - Multi-core LSF cables 90°C rated (4E2A), G/G1 - Single-core armoured XLPE cables or 90°C rated (4E3A), G/G2 - Multi-core armoured XLPE cables or 90°C rated (4E4A), H/H1 - MICC exposed to touch (4G1A)

ELECTRICAL INSTALLATION CONDITION REPORT - Schedule of Tests

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Requirements for Electrical Installations
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Company Name	PHS Compliance	**Company Address**	Kid Glove Road	**Postcode**	WA3 3GR	**Branch No.**	**Scheme No.**
Client	UPP Residential Services Ltd	**Installation Address**	Swansea University Bay Campus - Dryslwyn 1B & Nest 2, Reception - Ground Floor Tower Information Centre, Fabian Way, Crymlyn Burrows, Swansea, West Glamorgan	**Postcode**	SA1 8EN		

Distribution board details - Complete in every case

Location: Room 1 Riser [Schneider]
Designation: DB CL9/12
Num. of ways: 4 Num. of phases: 1
Supply polarity confirmed: ☑ Phase sequence confirmed: ☐

Complete only if the distribution board is not connected directly to the origin of the installation

Supply to distribution board is from: Sub Mains(DB CL9, 12/L2)
Overcurrent protective device for the distribution circuit: BS(EN) 61009 RCD/RCBO Type B Rating 32 A Voltage 230 V

Characteristics at this distribution board

Associated RCD(if any): BS (EN) 61008
Z_d 0.44 Ω No. of poles 2
I_{pf} 0.55 kA IΔn 30
Time delay (if applicable) N/A
Operating at 1 IΔn Above 30mA 28.8 ms
Operating at 5 IΔn 30mA or below 26.2 ms
(if applicable)

Test instrument serial number(s)

Loop impedance 100701/4664
Insulation resistance 100701/4664
Continuity 100701/4664
RCD 100701/4664

CIRCUIT DETAILS / TEST RESULTS

Circuit No. and Line No.	Distribution board Designation / Circuit designation	Type of wiring	Ref. method	No. of points	Circuit conductors csa (mm²) L / N	Circuit conductors csa (mm²) CPC	Maximum disconnection	Overcurrent protective devices BS EN Number	Type No.	Rating (A)	Breaking capacity (KA)	RCD operating (mA)	BS 7671 Max. permitted Zs Other 80% (Ω)	Circuit impedance Ω Ring final circuits only (measured end-to-end) r1	rn	r2	Fig 8 check (✓)	All circuits to be completed using R1R2 or R2, not both R1 + R2	R2	Insulation resistance (Record lower reading) Test voltage V	L/L, L/N M(Ω)	L/E, N/E M(Ω)	Polarity (✓)	Max. Measured Zs (Ω)	RCD testing Above 30mA IΔn ms	30mA or below 5 IΔn ms	Manual test button operation RCD (✓)	AFDD (✓)
1/L2	Sockets	A	B	6	2.5	1.5	0.4	60898 MCB	B	10	6	N/A	3.49	N/A	N/A	N/A	N/A	0.10	N/A	250	LIM	>299	✓	0.46	N/A	N/A	N/A	N/A
2/L2	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
3/L2	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
4/L2	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Details of circuits and/or installed equipment vulnerable to damage when testing

Date(s) dead testing 26/07/2022 To 26/07/2022

Date(s) live testing 26/07/2022 To 26/07/2022

Tested by: Name (capital letters) LIAM KIMBLE Position Electrical Test Engineer Date 26/07/2022

Signature

Wiring Types. A PVC/PVC, B PVC cables in metallic Conduit, C PVC cables in non-metallic Conduit, D PVC cables in metallic trunking, E PVC cables in non-metallic trunking, F PVC/SWA cables, G SWA/XPLE cables, H Mineral Insulated, MW Metal Work, FM Ferrous Metal, O Other
A/A1 - Single Core PVC Cables (4D1A), A/A2 - Multicore PVC Cables (4D2A), F/F1 - Single-core armoures PVC SWA Cables (4D3A), F/F2 - PVC SWA Cables (4D4A), A/A3 - PVC Twin & Earth (4D5), O/O1 - LSF single core cables 90°C rated (4E1A), O/O2 - Multi-core LSF cables 90°C rated (4E2A), G/G1 - Single-core armoured XLPE cables or 90°C rated (4E3A), G/G2 - Multi-core armoured XLPE cables or 90°C rated (4E4A), H/H1 - MICC exposed to touch (4G1A)

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Company Name	PHS Compliance	**Company Address**	Kid Glove Road	**Postcode**	WA3 3GR	**Branch No.**	**Scheme No.**
Client	UPP Residential Services Ltd	**Installation Address**	Swansea University Bay Campus - Dryslwyn 1B & Nest 2, Reception - Ground Floor Tower Information Centre, Fabian Way, Crymlyn Burrows, Swansea, West Glamorgan	**Postcode**	SA1 8EN		

Distribution board details - Complete in every case

Location: Room 2 Riser [Schneider]
Designation: DB CL9/12-1
Num. of ways: 4 Num. of phases: 1
Supply polarity confirmed: ☑ Phase sequence confirmed: ☐

Complete only if the distribution board is not connected directly to the origin of the installation

Supply to distribution board is from: Sub Mains(DB CL9, 12/L2)
Overcurrent protective device for the distribution circuit: BS(EN) 61009 RCD/RCBO Type B Rating 32 A Voltage 230 V

Characteristics at this distribution board

Associated RCD(if any): BS (EN) 61008
Z_d 0.44 Ω No. of poles 2
I_{pf} 0.55 kA IΔn 30
Time delay (if applicable) N/A
Operating at 1 IΔn: Above 30mA 28.8 ms
Operating at 5 IΔn: 30mA or below 26.2 ms
(if applicable)

Test instrument serial number(s)

Loop impedance: 100701/4664
Insulation resistance: 100701/4664
Continuity: 100701/4664
RCD: 100701/4664

CIRCUIT DETAILS / TEST RESULTS

Circuit No. and Line No.	Distribution board Designation / Circuit designation	Type of wiring	Ref. method	No. of points	Circuit conductors csa (mm²) L / N	Circuit conductors csa (mm²) CPC	Maximum disconnection	Overcurrent protective devices BS EN Number	Type No.	Rating (A)	Breaking capacity (KA)	RCD operating (mA)	BS 7671 Max. permitted Zs Other 80% (Ω)	Circuit impedance Ω Ring final circuits only (measured end-to-end) r1	rn	r2	Fig 8 check (✓)	All circuits to be completed using R1R2 or R2, not both R1 + R2	R2	Insulation resistance (Record lower reading) Test voltage V	L/L, L/N M(Ω)	L/E, N/E M(Ω)	Polarity (✓)	Max. Measured Zs (Ω)	RCD testing Above 30mA IΔn ms	30mA or below 5 IΔn ms	Manual test button operation RCD (✓)	AFDD (✓)
1/L2	Sockets	A	B	6	2.5	1.5	0.4	60898 MCB	B	10	6	N/A	3.49	N/A	N/A	N/A	N/A	0.12	N/A	250	LIM	>299	✓	0.41	N/A	N/A	N/A	N/A
2/L2	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
3/L2	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
4/L2	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Details of circuits and/or installed equipment vulnerable to damage when testing

Date(s) dead testing: 26/07/2022 To: 26/07/2022

Date(s) live testing: 26/07/2022 To: 26/07/2022

Tested by: Name (capital letters): LIAM KIMBLE Position: Electrical Test Engineer Date: 26/07/2022

Signature

Wiring Types. A PVC/PVC, B PVC cables in metallic Conduit, C PVC cables in non-metallic Conduit, D PVC cables in metallic trunking, E PVC cables in non-metallic trunking, F PVC/SWA cables, G SWA/XPLE cables, H Mineral Insulated, MW Metal Work, FM Ferrous Metal, O Other
A/A1 - Single Core PVC Cables (4D1A), A/A2 - Multicore PVC Cables (4D2A), F/F1 - Single-core armoures PVC SWA Cables (4D3A), F/F2 - PVC SWA Cables (4D4A), A/A3 - PVC Twin & Earth (4D5), O/O1 - LSF single core cables 90°C rated (4E1A), O/O2 - Multi-core LSF cables 90°C rated (4E2A), G/G1 - Single-core armoured XLPE cables or 90°C rated (4E3A), G/G2 - Multi-core armoured XLPE cables or 90°C rated (4E4A), H/H1 - MICC exposed to touch (4G1A)

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Client	UPP Residential Services Ltd	**Installation Address**	Swansea University Bay Campus - Dryslwyn 1B & Nest 2, Reception - Ground Floor Tower Information Centre, Fabian Way, Crymlyn Burrows, Swansea, West Glamorgan	**Postcode**	SA1 8EN		

Distribution board details - Complete in every case

Location: Room 3 Riser [Schneider]
Designation: DB CL9/12-2
Num. of ways: 4 Num. of phases: 1
Supply polarity confirmed ☑ Phase sequence confirmed ☐

Complete only if the distribution board is not connected directly to the origin of the installation

Supply to distribution board is from: Sub Mains(DB CL9, 12/L2)
Overcurrent protective device for the distribution circuit: BS(EN) 61009 RCD/RCBO Type B Rating 32 A Voltage 230 V

Characteristics at this distribution board

Associated RCD(if any): BS (EN) 61008
Z_d 0.44 Ω No. of poles 2
I_{pf} 0.55 kA IΔn 30
Time delay (if applicable) N/A
Operating at 1 IΔn: Above 30mA 28.8 ms
Operating at 5 IΔn: 30mA or below 26.2 ms
(if applicable)

Test instrument serial number(s)

Loop impedance 100701/4664
Insulation resistance 100701/4664
Continuity 100701/4664
RCD 100701/4664

CIRCUIT DETAILS / TEST RESULTS

Circuit No. and Line No.	Distribution board Designation / Circuit designation	Type of wiring	Ref. method	No. of points	Circuit conductors csa (mm²) L / N	Circuit conductors csa (mm²) CPC	Maximum disconnection	Overcurrent protective devices BS EN Number	Type No.	Rating (A)	Breaking capacity (KA)	RCD operating (mA)	BS 7671 Max. permitted Zs Other 80% (Ω)	Circuit impedance Ω Ring final circuits only (measured end-to-end) r1	rn	r2	Fig 8 check (✓)	All circuits to be completed using R1R2 or R2, not both R1 + R2	R2	Insulation resistance (Record lower reading) Test voltage V	L/L, L/N M(Ω)	L/E, N/E M(Ω)	Polarity (✓)	Max. Measured Zs (Ω)	RCD testing Above 30mA IΔn ms	30mA or below 5 IΔn ms	Manual test button operation RCD (✓)	AFDD (✓)
1/L2	Sockets	A	B	6	2.5	1.5	0.4	60898 MCB	B	10	6	N/A	3.49	N/A	N/A	N/A	N/A	0.10	N/A	250	LIM	>299	✓	0.53	N/A	N/A	N/A	N/A
2/L2	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
3/L2	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
4/L2	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Details of circuits and/or installed equipment vulnerable to damage when testing

Date(s) dead testing 26/07/2022 To 26/07/2022

Date(s) live testing 26/07/2022 To 26/07/2022

Tested by: Name (capital letters) LIAM KIMBLE Position Electrical Test Engineer Date 26/07/2022

Signature

Wiring Types. A PVC/PVC, B PVC cables in metallic Conduit, C PVC cables in non-metallic Conduit, D PVC cables in metallic trunking, E PVC cables in non-metallic trunking, F PVC/SWA cables, G SWA/XPLE cables, H Mineral Insulated, MW Metal Work, FM Ferrous Metal, O Other
A/A1 - Single Core PVC Cables (4D1A), A/A2 - Multicore PVC Cables (4D2A), F/F1 - Single-core armoures PVC SWA Cables (4D3A), F/F2 - PVC SWA Cables (4D4A), A/A3 - PVC Twin & Earth (4D5), O/O1 - LSF single core cables 90°C rated (4E1A), O/O2 - Multi-core LSF cables 90°C rated (4E2A), G/G1 - Single-core armoured XLPE cables or 90°C rated (4E3A), G/G2 - Multi-core armoured XLPE cables or 90°C rated (4E4A), H/H1 - MICC exposed to touch (4G1A)

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Company Name	PHS Compliance	**Company Address**	Kid Glove Road	**Postcode**	WA3 3GR	**Branch No.**	**Scheme No.**
Client	UPP Residential Services Ltd	**Installation Address**	Swansea University Bay Campus - Dryslwyn 1B & Nest 2, Reception - Ground Floor Tower Information Centre, Fabian Way, Crymlyn Burrows, Swansea, West Glamorgan	**Postcode**	SA1 8EN		

Distribution board details - Complete in every case

Location: 5th Floor Dryslwyn [Schneider]
Designation: DB CL20
Num. of ways: 21 Num. of phases: 1
Supply polarity confirmed: ☑ Phase sequence confirmed: ☐

Complete only if the distribution board is not connected directly to the origin of the installation

Supply to distribution board is from: Sub Mains(BB Dryslwyn, 11/L2)
Overcurrent protective device for the distribution circuit: BS(EN) 88-2 HRC Type gG Rating 63 A Voltage 230 V
Time delay (if applicable): N/A

Characteristics at this distribution board

Associated RCD(if any): BS (EN): N/A
Z_d 0.11 Ω No. of poles: N/A
I_{pf} 1.83 kA IΔn: N/A
Above 30mA Operating at 1 IΔn: N/A ms
30mA or below Operating at 5 IΔn: N/A ms
(if applicable)

Test instrument serial number(s)

Loop impedance: 100701/4664
Insulation resistance: 100701/4664
Continuity: 100701/4664
RCD: 100701/4664

CIRCUIT DETAILS / TEST RESULTS

Circuit No. and Line No.	Distribution board Designation / Circuit designation	Type of wiring	Ref. method	No. of points	Circuit conductors csa (mm²) L / N	Circuit conductors csa (mm²) CPC	Maximum disconnection	Overcurrent protective devices BS EN Number	Type No.	Rating (A)	Breaking capacity (KA)	RCD operating (mA)	BS 7671 Max. permitted Zs Other 80% (Ω)	Circuit impedance Ω: Ring final circuits only (measured end-to-end) r1	rn	r2	Fig 8 check (✓)	All circuits to be completed using R1R2 or R2, not both: R1 + R2	R2	Insulation resistance (Record lower reading) Test voltage V	L/L, L/N M(Ω)	L/E, N/E M(Ω)	Polarity (✓)	Max. Measured Zs (Ω)	RCD testing: Above 30mA IΔn ms	30mA or below 5 IΔn ms	Manual test button operation: RCD (✓)	AFDD (✓)
1/L2	Bedroom Lighting 7,8,9	A	B	12	1.5	1	0.4	61009 RCD/RCBO	C	10	10	30	1.75	N/A	N/A	N/A	N/A	0.42	N/A	250	LIM	>299	✓	0.66	28.4	26.7	✓	N/A
2/L2	Bedroom Lighting 5,6	A	B	8	1.5	1	0.4	61009 RCD/RCBO	C	10	10	30	1.75	N/A	N/A	N/A	N/A	0.37	N/A	250	LIM	>299	✓	0.51	27.4	27.2	✓	N/A
3/L2	Bedroom Lighting 1,2,3	A	B	12	1.5	1	0.4	61009 RCD/RCBO	C	10	10	30	1.75	N/A	N/A	N/A	N/A	0.51	N/A	250	LIM	>299	✓	0.66	28.8	27.9	✓	N/A
4/L2	Bedroom Lighting 4	A	B	4	1.5	1	0.4	61009 RCD/RCBO	C	10	10	30	1.75	N/A	N/A	N/A	N/A	0.44	N/A	250	LIM	>299	✓	0.76	28.6	20.4	✓	N/A
5/L2	Common Room Lighting	A	B	6	1.5	1	0.4	61009 RCD/RCBO	C	10	10	30	1.75	N/A	N/A	N/A	N/A	0.25	N/A	250	LIM	>299	✓	0.50	28.8	19.4	✓	N/A
6/L2	Common Room Ring 1	A	B	8	2x2.5	2x1.5	0.4	61009 RCD/RCBO	B	32	10	30	1.09	0.17	0.17	0.26	✓	0.11	N/A	250	LIM	>299	✓	0.25	28.4	26.4	✓	N/A
7/L2	Common Room Ring 2	A	B	10	2x2.5	2x1.5	0.4	61009 RCD/RCBO	B	32	10	30	1.09	0.23	0.23	0.31	✓	0.14	N/A	250	LIM	>299	✓	0.29	25.6	25.4	✓	N/A
8/L2	Hob 1	A	B	1	10	4	0.4	61009 RCD/RCBO	B	32	10	30	1.09	N/A	N/A	N/A	N/A	0.20	N/A	250	LIM	>299	✓	0.25	28.5	28.5	✓	N/A
9/L2	Hob 2	A	B	1	10	4	0.4	61009 RCD/RCBO	B	32	10	30	1.09	N/A	N/A	N/A	N/A	0.12	N/A	250	LIM	>299	✓	0.34	28.8	27.2	✓	N/A
10/L2	Sub Mains(DB CL20/10, DB CL20/10-1, DB CL20/10-2)	A	B	3	2x2.5	2x1.5	5	61009 RCD/RCBO	B	32	10	30	1.09	0.33	0.33	0.52	✓	0.21	N/A	250	LIM	>299	✓	0.35	28.8	25.4	✓	N/A
11/L2	Sub Mains(DB CL20/11, DB CL20/11-1, DB CL20/11-2)	A	B	3	2x2.5	2x1.5	5	61009 RCD/RCBO	B	32	10	30	1.09	0.37	0.37	0.52	✓	0.22	N/A	250	LIM	>299	✓	0.38	28.4	27.2	✓	N/A
12/L2	Sub Mains(DB CL20/12, DB CL20/12-1)	A	B	2	2x2.5	2x1.5	5	61009 RCD/RCBO	B	32	10	30	1.09	0.44	0.44	0.63	✓	0.27	N/A	250	LIM	>299	✓	0.44	27.6	27.4	✓	N/A
13/L2	Executive Room Ring	A	B	12	2x2.5	2x1.5	0.4	61009 RCD/RCBO	B	32	10	30	1.09	0.71	0.72	1.28	✓	0.50	N/A	250	LIM	>299	✓	0.84	28.4	27.2	✓	N/A

Details of circuits and/or installed equipment vulnerable to damage when testing

Date(s) dead testing: 29/07/2022 To: 29/07/2022
Date(s) live testing: 29/07/2022 To: 29/07/2022

Tested by: Name (capital letters): LIAM KIMBLE Position: Electrical Test Engineer Date: 29/07/2022
Signature:

Wiring Types. A PVC/PVC, B PVC cables in metallic Conduit, C PVC cables in non-metallic Conduit, D PVC cables in metallic trunking, E PVC cables in non-metallic trunking, F PVC/SWA cables, G SWA/XPLE cables, H Mineral Insulated, MW Metal Work, FM Ferrous Metal, O Other
A/A1 - Single Core PVC Cables (4D1A), A/A2 - Multicore PVC Cables (4D2A), F/F1 - Single-core armoures PVC SWA Cables (4D3A), F/F2 - PVC SWA Cables (4D4A), A/A3 - PVC Twin & Earth (4D5), O/O1 - LSF single core cables 90°C rated (4E1A), O/O2 - Multi-core LSF cables 90°C rated (4E2A), G/G1 - Single-core armoured XLPE cables or 90°C rated (4E3A), G/G2 - Multi-core armoured XLPE cables or 90°C rated (4E4A), H/H1 - MICC exposed to touch (4G1A)

ELECTRICAL INSTALLATION CONDITION REPORT - Schedule of Tests

FT/EICR 110151231

for Industrial/Commercial Premises

Requirements for Electrical Installations
BS 7671:2018 (IET Wiring Regulations 18th Edition)

CIRCUIT DETAILS														TEST RESULTS																
Circuit No. and Line No.	Distribution board Designation / Circuit designation	Type of wiring	Ref. method	No. of points	Circuit conductors csa (mm²) L / N	Circuit conductors csa (mm²) CPC	Maximum disconnection	Overcurrent protective devices BS EN Number	Overcurrent protective devices Type No.	Overcurrent protective devices Rating (A)	Breaking capacity (KA)	RCD operating (mA)	BS 7671 Max. permitted Zs Other 80% (Ω)	Circuit impedance Ω Ring final circuits only (measured end-to-end) r1	rn	r2	Fig 8 check (✓)	All circuits to be completed using R1R2 or R2, not both R1 + R2	R2	Insulation resistance (Record lower reading) Test voltage V	L/L, L/N M(Ω)	L/E, N/E M(Ω)	Polarity (✓)	Max. Measured Zs (Ω)	RCD testing Above 30mA IΔn ms	30mA or below 5 IΔn ms	Manual test button operation RCD (✓)	AFDD (✓)
14/L2	Executive Room Kitchen Ring	A	B	10	2x2.5	2x1.5	0.4	61009 RCD/RCBO	B	32	10	30	1.09	0.70	0.70	0.88	✓	0.40	N/A	250	LIM	>299	✓	0.51	26.2	22.4	✓	N/A
15/L2	Executive Room Cooker	A	B	1	10	4	0.4	61009 RCD/RCBO	B	32	10	30	1.09	N/A	N/A	N/A	N/A	0.38	N/A	250	LIM	>299	✓	0.59	30.4	28.4	✓	N/A
16/L2	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
17/L2	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
18/L2	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
19/L2	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
20/L2	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
21/L2	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Details of circuits and/or installed equipment vulnerable to damage when testing

Date(s) dead testing 29/07/2022 To 29/07/2022

Date(s) live testing 29/07/2022 To 29/07/2022

Tested by: Name (capital letters) LIAM KIMBLE Position Electrical Test Engineer Date 29/07/2022

Signature

Wiring Types. A PVC/PVC, B PVC cables in metallic Conduit, C PVC cables in non-metallic Conduit, D PVC cables in metallic trunking, E PVC cables in non-metallic trunking, F PVC/SWA cables, G SWA/XPLE cables, H Mineral Insulated, MW Metal Work, FM Ferrous Metal, O Other
A/A1 - Single Core PVC Cables (4D1A), A/A2 - Multicore PVC Cables (4D2A), F/F1 - Single-core armoures PVC SWA Cables (4D3A), F/F2 - PVC SWA Cables (4D4A), A/A3 - PVC Twin & Earth (4D5), O/O1 - LSF single core cables 90°C rated (4E1A), O/O2 - Multi-core LSF cables 90°C rated (4E2A), G/G1 - Single-core armoured XLPE cables or 90°C rated (4E3A), G/G2 - Multi-core armoured XLPE cables or 90°C rated (4E4A), H/H1 - MICC exposed to touch (4G1A)

ELECTRICAL INSTALLATION CONDITION REPORT - Schedule of Tests

for Industrial/Commercial Premises

FT/EICR 110151231

Requirements for Electrical Installations
BS 7671:2018 (IET Wiring Regulations 18th Edition)

Company Name	PHS Compliance	**Company Address**	Kid Glove Road	**Postcode**	WA3 3GR	**Branch No.**	**Scheme No.**
Client	UPP Residential Services Ltd	**Installation Address**	Swansea University Bay Campus - Dryslwyn 1B & Nest 2, Reception - Ground Floor Tower Information Centre, Fabian Way, Crymlyn Burrows, Swansea, West Glamorgan	**Postcode**	SA1 8EN		

Distribution board details - Complete in every case

Location: Room 7 Riser [Schneider]
Designation: DB CL20/10
Num. of ways: 4 Num. of phases: 1
Supply polarity confirmed: ☑ Phase sequence confirmed: ☐

Complete only if the distribution board is not connected directly to the origin of the installation

Supply to distribution board is from: Sub Mains(DB CL20, 10/L2)
Overcurrent protective device for the distribution circuit: BS(EN) 61009 RCD/RCBO Type B Rating 32 A Voltage 230 V

Characteristics at this distribution board

Associated RCD(if any): BS (EN) 61008
Z_d 0.35 Ω No. of poles 2
I_{pf} 0.61 kA IΔn 30
Time delay (if applicable) N/A
Operating at 1 IΔn: Above 30mA 28.8 ms
Operating at 5 IΔn: 30mA or below 25.4 ms
(if applicable)

Test instrument serial number(s)

Loop impedance: 100701/4664
Insulation resistance: 100701/4664
Continuity: 100701/4664
RCD: 100701/4664

CIRCUIT DETAILS / TEST RESULTS

Circuit No. and Line No.	Distribution board Designation / Circuit designation	Type of wiring	Ref. method	No. of points	Circuit conductors csa (mm²) L / N	Circuit conductors csa (mm²) CPC	Maximum disconnection	Overcurrent protective devices BS EN Number	Type No.	Rating (A)	Breaking capacity (KA)	RCD operating (mA)	BS 7671 Max. permitted Zs Other 80% (Ω)	Circuit impedance Ω Ring final circuits only (measured end-to-end) r1	rn	r2	Fig 8 check (✓)	All circuits to be completed using R1R2 or R2, not both R1 + R2	R2	Insulation resistance (Record lower reading) Test voltage V	L/L, L/N M(Ω)	L/E, N/E M(Ω)	Polarity (✓)	Max. Measured Zs (Ω)	RCD testing Above 30mA IΔn ms	30mA or below 5 IΔn ms	Manual test button operation RCD (✓)	AFDD (✓)
1/L2	Sockets	A	B	6	2.5	1.5	0.4	60898 MCB	B	10	6	N/A	3.49	N/A	N/A	N/A	N/A	0.12	N/A	250	LIM	>299	✓	0.68	N/A	N/A	N/A	N/A
2/L2	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
3/L2	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
4/L2	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Details of circuits and/or installed equipment vulnerable to damage when testing

Date(s) dead testing: 26/07/2022 To 26/07/2022

Date(s) live testing: 26/07/2022 To 26/07/2022

Tested by: Name (capital letters): LIAM KIMBLE Position: Electrical Test Engineer Date: 26/07/2022

Signature

Wiring Types. A PVC/PVC, B PVC cables in metallic Conduit, C PVC cables in non-metallic Conduit, D PVC cables in metallic trunking, E PVC cables in non-metallic trunking, F PVC/SWA cables, G SWA/XPLE cables, H Mineral Insulated, MW Metal Work, FM Ferrous Metal, O Other
A/A1 - Single Core PVC Cables (4D1A), A/A2 - Multicore PVC Cables (4D2A), F/F1 - Single-core armoures PVC SWA Cables (4D3A), F/F2 - PVC SWA Cables (4D4A), A/A3 - PVC Twin & Earth (4D5), O/O1 - LSF single core cables 90°C rated (4E1A), O/O2 - Multi-core LSF cables 90°C rated (4E2A), G/G1 - Single-core armoured XLPE cables or 90°C rated (4E3A), G/G2 - Multi-core armoured XLPE cables or 90°C rated (4E4A), H/H1 - MICC exposed to touch (4G1A)

ELECTRICAL INSTALLATION CONDITION REPORT - Schedule of Tests

for Industrial/Commercial Premises

FT/EICR 110151231

Requirements for Electrical Installations
BS 7671:2018 (IET Wiring Regulations 18th Edition)

Company Name	PHS Compliance	**Company Address**	Kid Glove Road	**Postcode**	WA3 3GR	**Branch No.**	**Scheme No.**
Client	UPP Residential Services Ltd	**Installation Address**	Swansea University Bay Campus - Dryslwyn 1B & Nest 2, Reception - Ground Floor Tower Information Centre, Fabian Way, Crymlyn Burrows, Swansea, West Glamorgan	**Postcode**	SA1 8EN		

Distribution board details - Complete in every case

Location: Room 8 Riser [Schneider]
Designation: DB CL20/10-1
Num. of ways: 4 Num. of phases: 1
Supply polarity confirmed: ☑ Phase sequence confirmed: ☐

Complete only if the distribution board is not connected directly to the origin of the installation

Supply to distribution board is from: Sub Mains(DB CL20, 10/L2)
Overcurrent protective device for the distribution circuit: BS(EN) 61009 RCD/RCBO Type B Rating 32 A Voltage 230 V

Characteristics at this distribution board

Associated RCD(if any): BS (EN) 61008
Z_d 0.35 Ω No. of poles 2
I_{pf} 0.61 kA IΔn 30
Time delay (if applicable) N/A
Operating at 1 IΔn: Above 30mA 28.8 ms
Operating at 5 IΔn: 30mA or below 25.4 ms
(if applicable)

Test instrument serial number(s)

Loop impedance: 100701/4664
Insulation resistance: 100701/4664
Continuity: 100701/4664
RCD: 100701/4664

CIRCUIT DETAILS / TEST RESULTS

Circuit No. and Line No.	Distribution board Designation / Circuit designation	Type of wiring	Ref. method	No. of points	Circuit conductors csa (mm²) L / N	Circuit conductors csa (mm²) CPC	Maximum disconnection	Overcurrent protective devices BS EN Number	Type No.	Rating (A)	Breaking capacity (KA)	RCD operating (mA)	BS 7671 Max. permitted Zs Other 80% (Ω)	Circuit impedance Ω Ring final circuits only (measured end-to-end) r1	rn	r2	Fig 8 check (✓)	All circuits to be completed using R1R2 or R2, not both R1 + R2	R2	Insulation resistance (Record lower reading) Test voltage V	L/L, L/N M(Ω)	L/E, N/E M(Ω)	Polarity (✓)	Max. Measured Zs (Ω)	RCD testing Above 30mA IΔn ms	30mA or below 5 IΔn ms	Manual test button operation RCD (✓)	AFDD (✓)
1/L2	Sockets	A	B	6	2.5	1.5	0.4	60898 MCB	B	10	6	N/A	3.49	N/A	N/A	N/A	N/A	0.10	N/A	250	LIM	>299	✓	0.72	N/A	N/A	N/A	N/A
2/L2	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
3/L2	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
4/L2	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Details of circuits and/or installed equipment vulnerable to damage when testing

Date(s) dead testing: 26/07/2022 To 26/07/2022

Date(s) live testing: 26/07/2022 To 26/07/2022

Tested by: Name (capital letters): LIAM KIMBLE Position: Electrical Test Engineer Date: 26/07/2022

Signature:

Wiring Types. A PVC/PVC, B PVC cables in metallic Conduit, C PVC cables in non-metallic Conduit, D PVC cables in metallic trunking, E PVC cables in non-metallic trunking, F PVC/SWA cables, G SWA/XPLE cables, H Mineral Insulated, MW Metal Work, FM Ferrous Metal, O Other
A/A1 - Single Core PVC Cables (4D1A), A/A2 - Multicore PVC Cables (4D2A), F/F1 - Single-core armoures PVC SWA Cables (4D3A), F/F2 - PVC SWA Cables (4D4A), A/A3 - PVC Twin & Earth (4D5), O/O1 - LSF single core cables 90°C rated (4E1A), O/O2 - Multi-core LSF cables 90°C rated (4E2A), G/G1 - Single-core armoured XLPE cables or 90°C rated (4E3A), G/G2 - Multi-core armoured XLPE cables or 90°C rated (4E4A), H/H1 - MICC exposed to touch (4G1A)

ELECTRICAL INSTALLATION CONDITION REPORT - Schedule of Tests

for Industrial/Commercial Premises

FT/EICR 110151231

Requirements for Electrical Installations
BS 7671:2018 (IET Wiring Regulations 18th Edition)

Company Name	PHS Compliance	**Company Address**	Kid Glove Road	**Postcode**	WA3 3GR	**Branch No.**	**Scheme No.**
Client	UPP Residential Services Ltd	**Installation Address**	Swansea University Bay Campus - Dryslwyn 1B & Nest 2, Reception - Ground Floor Tower Information Centre, Fabian Way, Crymlyn Burrows, Swansea, West Glamorgan	**Postcode**	SA1 8EN		

Distribution board details - Complete in every case

Location: Room 9 Riser [Schneider]
Designation: DB CL20/10-2
Num. of ways: 4 Num. of phases: 1
Supply polarity confirmed: ☑ Phase sequence confirmed: ☐

Complete only if the distribution board is not connected directly to the origin of the installation

Supply to distribution board is from: Sub Mains(DB CL20, 10/L2)
Overcurrent protective device for the distribution circuit: BS(EN) 61009 RCD/RCBO Type B Rating 32 A Voltage 230 V

Characteristics at this distribution board

Associated RCD(if any): BS (EN) 61008
Z_d 0.35 Ω No. of poles 2
I_{pf} 0.61 kA IΔn 30
Time delay (if applicable) N/A
Above 30mA Operating at 1 IΔn 28.8 ms
30mA or below Operating at 5 IΔn 25.4 ms
(if applicable)

Test instrument serial number(s)

Loop impedance 100701/4664
Insulation resistance 100701/4664
Continuity 100701/4664
RCD 100701/4664

CIRCUIT DETAILS / TEST RESULTS

Circuit No. and Line No.	Distribution board Designation / Circuit designation	Type of wiring	Ref. method	No. of points	Circuit conductors csa (mm²) L / N	Circuit conductors csa (mm²) CPC	Maximum disconnection	Overcurrent protective devices BS EN Number	Type No.	Rating (A)	Breaking capacity (KA)	RCD operating (mA)	BS 7671 Max. permitted Zs Other 80% (Ω)	Circuit impedance Ω Ring final circuits only (measured end-to-end) r1	rn	r2	Fig 8 check (✓)	All circuits to be completed using R1R2 or R2, not both R1 + R2	R2	Insulation resistance (Record lower reading) Test voltage V	L/L, L/N M(Ω)	L/E, N/E M(Ω)	Polarity (✓)	Max. Measured Zs (Ω)	RCD testing Above 30mA IΔn ms	30mA or below 5 IΔn ms	Manual test button operation RCD (✓)	AFDD (✓)
1/L2	Sockets	A	B	6	2.5	1.5	0.4	60898 MCB	B	10	6	N/A	3.49	N/A	N/A	N/A	N/A	0.16	N/A	250	LIM	>299	✓	0.86	N/A	N/A	N/A	N/A
2/L2	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
3/L2	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
4/L2	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Details of circuits and/or installed equipment vulnerable to damage when testing

Date(s) dead testing 26/07/2022 To 26/07/2022

Date(s) live testing 26/07/2022 To 26/07/2022

Tested by: Name (capital letters) LIAM KIMBLE Position Electrical Test Engineer Date 26/07/2022

Signature

Wiring Types. A PVC/PVC, B PVC cables in metallic Conduit, C PVC cables in non-metallic Conduit, D PVC cables in metallic trunking, E PVC cables in non-metallic trunking, F PVC/SWA cables, G SWA/XPLE cables, H Mineral Insulated, MW Metal Work, FM Ferrous Metal, O Other
A/A1 - Single Core PVC Cables (4D1A), A/A2 - Multicore PVC Cables (4D2A), F/F1 - Single-core armoures PVC SWA Cables (4D3A), F/F2 - PVC SWA Cables (4D4A), A/A3 - PVC Twin & Earth (4D5), O/O1 - LSF single core cables 90°C rated (4E1A), O/O2 - Multi-core LSF cables 90°C rated (4E2A), G/G1 - Single-core armoured XLPE cables or 90°C rated (4E3A), G/G2 - Multi-core armoured XLPE cables or 90°C rated (4E4A), H/H1 - MICC exposed to touch (4G1A)

ELECTRICAL INSTALLATION CONDITION REPORT - Schedule of Tests

for Industrial/Commercial Premises

FT/EICR 110151231

Requirements for Electrical Installations
BS 7671:2018 (IET Wiring Regulations 18th Edition)

Company Name	PHS Compliance	**Company Address**	Kid Glove Road	**Postcode**	WA3 3GR	**Branch No.**	**Scheme No.**
Client	UPP Residential Services Ltd	**Installation Address**	Swansea University Bay Campus - Dryslwyn 1B & Nest 2, Reception - Ground Floor Tower Information Centre, Fabian Way, Crymlyn Burrows, Swansea, West Glamorgan	**Postcode**	SA1 8EN		

Distribution board details - Complete in every case

Location: Room 1 Riser [Schneider]
Designation: DB CL20/11
Num. of ways: 4 Num. of phases: 1
Supply polarity confirmed: ☑ Phase sequence confirmed: ☐

Complete only if the distribution board is not connected directly to the origin of the installation

Supply to distribution board is from: Sub Mains(DB CL20, 11/L2)
Overcurrent protective device for the distribution circuit: BS(EN) 61009 RCD/RCBO Type B Rating 32 A Voltage 230 V

Characteristics at this distribution board

Associated RCD(if any): BS (EN) 61008
Z_d 0.38 Ω No. of poles 2
I_{pf} 0.61 kA IΔn 30
Time delay (if applicable) N/A
Operating at 1 IΔn Above 30mA 28.4 ms
Operating at 5 IΔn 30mA or below 27.2 ms
(if applicable)

Test instrument serial number(s)

Loop impedance 100701/4664
Insulation resistance 100701/4664
Continuity 100701/4664
RCD 100701/4664

CIRCUIT DETAILS / TEST RESULTS

Circuit No. and Line No.	Distribution board Designation / Circuit designation	Type of wiring	Ref. method	No. of points	Circuit conductors csa (mm²) L / N	Circuit conductors csa (mm²) CPC	Maximum disconnection	Overcurrent protective devices BS EN Number	Type No.	Rating (A)	Breaking capacity (KA)	RCD operating (mA)	BS 7671 Max. permitted Zs Other 80% (Ω)	Circuit impedance Ω Ring final circuits only (measured end-to-end) r1	rn	r2	Fig 8 check (✓)	All circuits to be completed using R1R2 or R2, not both R1 + R2	R2	Insulation resistance (Record lower reading) Test voltage V	L/L, L/N M(Ω)	L/E, N/E M(Ω)	Polarity (✓)	Max. Measured Zs (Ω)	RCD testing Above 30mA IΔn ms	30mA or below 5 IΔn ms	Manual test button operation RCD (✓)	AFDD (✓)
1/L2	Sockets	A	B	6	2.5	1.5	0.4	60898 MCB	B	10	6	N/A	3.49	N/A	N/A	N/A	N/A	0.14	N/A	250	LIM	>299	✓	0.74	N/A	N/A	N/A	N/A
2/L2	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
3/L2	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
4/L2	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Details of circuits and/or installed equipment vulnerable to damage when testing

Date(s) dead testing 26/07/2022 To 26/07/2022

Date(s) live testing 26/07/2022 To 26/07/2022

Tested by: Name (capital letters) LIAM KIMBLE Position Electrical Test Engineer Date 26/07/2022

Signature

Wiring Types. A PVC/PVC, B PVC cables in metallic Conduit, C PVC cables in non-metallic Conduit, D PVC cables in metallic trunking, E PVC cables in non-metallic trunking, F PVC/SWA cables, G SWA/XPLE cables, H Mineral Insulated, MW Metal Work, FM Ferrous Metal, O Other
A/A1 - Single Core PVC Cables (4D1A), A/A2 - Multicore PVC Cables (4D2A), F/F1 - Single-core armoures PVC SWA Cables (4D3A), F/F2 - PVC SWA Cables (4D4A), A/A3 - PVC Twin & Earth (4D5), O/O1 - LSF single core cables 90°C rated (4E1A), O/O2 - Multi-core LSF cables 90°C rated (4E2A), G/G1 - Single-core armoured XLPE cables or 90°C rated (4E3A), G/G2 - Multi-core armoured XLPE cables or 90°C rated (4E4A), H/H1 - MICC exposed to touch (4G1A)

ELECTRICAL INSTALLATION CONDITION REPORT - Schedule of Tests

for Industrial/Commercial Premises

FT/EICR 110151231

Requirements for Electrical Installations
BS 7671:2018 (IET Wiring Regulations 18th Edition)

Company Name	PHS Compliance	**Company Address**	Kid Glove Road	**Postcode**	WA3 3GR	**Branch No.**	**Scheme No.**
Client	UPP Residential Services Ltd	**Installation Address**	Swansea University Bay Campus - Dryslwyn 1B & Nest 2, Reception - Ground Floor Tower Information Centre, Fabian Way, Crymlyn Burrows, Swansea, West Glamorgan	**Postcode**	SA1 8EN		

Distribution board details - Complete in every case

Location: Room 2 Riser [Schneider]
Designation: DB CL20/11-1
Num. of ways: 4 Num. of phases: 1
Supply polarity confirmed: ☑ Phase sequence confirmed: ☐

Complete only if the distribution board is not connected directly to the origin of the installation

Supply to distribution board is from: Sub Mains(DB CL20, 11/L2)
Overcurrent protective device for the distribution circuit: BS(EN) 61009 RCD/RCBO Type B Rating 32 A Voltage 230 V

Characteristics at this distribution board

Associated RCD(if any): BS (EN) 61008
Z_d 0.38 Ω No. of poles 2
I_{pf} 0.61 kA IΔn 30
Time delay (if applicable) N/A
Operating at 1 IΔn: Above 30mA 28.4 ms
Operating at 5 IΔn: 30mA or below 27.2 ms
(if applicable)

Test instrument serial number(s)

Loop impedance: 100701/4664
Insulation resistance: 100701/4664
Continuity: 100701/4664
RCD: 100701/4664

CIRCUIT DETAILS / TEST RESULTS

Circuit No. and Line No.	Distribution board Designation: DB CL20/11-1 / Circuit designation	Type of wiring	Ref. method	No. of points	Circuit conductors csa (mm²) L / N	Circuit conductors csa (mm²) CPC	Maximum disconnection	Overcurrent protective devices BS EN Number	Overcurrent protective devices Type No.	Overcurrent protective devices Rating (A)	Breaking capacity (KA)	RCD operating (mA)	BS 7671 Max. permitted Zs Other 80% (Ω)	Circuit impedance Ω: Ring final circuits only (measured end-to-end) r1	r1	rn	r2	Fig 8 check (✓)	All circuits to be completed using R1R2 or R2, not both: R1 + R2	R2	Insulation resistance (Record lower reading): Test voltage V	L/L, L/N M(Ω)	L/E, N/E M(Ω)	Polarity (✓)	Max. Measured Zs (Ω)	RCD testing: Above 30mA IΔn ms	30mA or below 5 IΔn ms	Manual test button operation: RCD (✓)	AFDD (✓)
1/L2	Sockets	A	B	6	2.5	1.5	0.4	60898 MCB	B	10	6	N/A	3.49	N/A	N/A	N/A	N/A	0.12	N/A	250	LIM	>299	✓	0.77	N/A	N/A	N/A	N/A
2/L2	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
3/L2	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
4/L2	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Details of circuits and/or installed equipment vulnerable to damage when testing

Date(s) dead testing: 26/07/2022 To: 26/07/2022

Date(s) live testing: 26/07/2022 To: 26/07/2022

Tested by: Name (capital letters): LIAM KIMBLE Position: Electrical Test Engineer Date: 26/07/2022

Signature

Wiring Types. A PVC/PVC, B PVC cables in metallic Conduit, C PVC cables in non-metallic Conduit, D PVC cables in metallic trunking, E PVC cables in non-metallic trunking, F PVC/SWA cables, G SWA/XPLE cables, H Mineral Insulated, MW Metal Work, FM Ferrous Metal, O Other
A/A1 - Single Core PVC Cables (4D1A), A/A2 - Multicore PVC Cables (4D2A), F/F1 - Single-core armoures PVC SWA Cables (4D3A), F/F2 - PVC SWA Cables (4D4A), A/A3 - PVC Twin & Earth (4D5), O/O1 - LSF single core cables 90°C rated (4E1A), O/O2 - Multi-core LSF cables 90°C rated (4E2A), G/G1 - Single-core armoured XLPE cables or 90°C rated (4E3A), G/G2 - Multi-core armoured XLPE cables or 90°C rated (4E4A), H/H1 - MICC exposed to touch (4G1A)

ELECTRICAL INSTALLATION CONDITION REPORT - Schedule of Tests

for Industrial/Commercial Premises

FT/EICR 110151231

Requirements for Electrical Installations
BS 7671:2018 (IET Wiring Regulations 18th Edition)

Company Name	PHS Compliance	**Company Address**	Kid Glove Road	**Postcode**	WA3 3GR	**Branch No.**	**Scheme No.**
Client	UPP Residential Services Ltd	**Installation Address**	Swansea University Bay Campus - Dryslwyn 1B & Nest 2, Reception - Ground Floor Tower Information Centre, Fabian Way, Crymlyn Burrows, Swansea, West Glamorgan	**Postcode**	SA1 8EN		

Distribution board details - Complete in every case

Location: Room 3 Riser [Schneider]
Designation: DB CL20/11-2
Num. of ways: 4 Num. of phases: 1
Supply polarity confirmed: ☑ Phase sequence confirmed: ☐

Complete only if the distribution board is not connected directly to the origin of the installation

Supply to distribution board is from: Sub Mains(DB CL20, 11/L2)
Overcurrent protective device for the distribution circuit: BS(EN) 61009 RCD/RCBO Type B Rating 32 A Voltage 230 V

Characteristics at this distribution board

Associated RCD(if any): BS (EN) 61008
Z_d 0.38 Ω No. of poles 2
I_{pf} 0.61 kA IΔn 30
Time delay (if applicable) N/A
Operating at 1 IΔn Above 30mA 28.4 ms
Operating at 5 IΔn 30mA or below 27.2 ms
(if applicable)

Test instrument serial number(s)

Loop impedance 100701/4664
Insulation resistance 100701/4664
Continuity 100701/4664
RCD 100701/4664

CIRCUIT DETAILS / TEST RESULTS

Circuit No. and Line No.	Distribution board Designation / Circuit designation	Type of wiring	Ref. method	No. of points	Circuit conductors csa (mm²) L / N	Circuit conductors csa (mm²) CPC	Maximum disconnection	Overcurrent protective devices BS EN Number	Type No.	Rating (A)	Breaking capacity (KA)	RCD operating (mA)	BS 7671 Max. permitted Zs Other 80% (Ω)	Circuit impedance Ω Ring final circuits only (measured end-to-end) r1	rn	r2	Fig 8 check (✓)	All circuits to be completed using R1R2 or R2, not both R1 + R2	R2	Insulation resistance (Record lower reading) Test voltage V	L/L, L/N M(Ω)	L/E, N/E M(Ω)	Polarity (✓)	Max. Measured Zs (Ω)	RCD testing Above 30mA IΔn ms	30mA or below 5 IΔn ms	Manual test button operation RCD (✓)	AFDD (✓)
1/L2	Sockets	A	B	6	2.5	1.5	0.4	60898 MCB	B	10	6	N/A	3.49	N/A	N/A	N/A	N/A	0.22	N/A	250	LIM	>299	✓	0.85	N/A	N/A	N/A	N/A
2/L2	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
3/L2	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
4/L2	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Details of circuits and/or installed equipment vulnerable to damage when testing

Date(s) dead testing 26/07/2022 To 26/07/2022

Date(s) live testing 26/07/2022 To 26/07/2022

Tested by: Name (capital letters) LIAM KIMBLE Position Electrical Test Engineer Date 26/07/2022

Signature

Wiring Types. A PVC/PVC, B PVC cables in metallic Conduit, C PVC cables in non-metallic Conduit, D PVC cables in metallic trunking, E PVC cables in non-metallic trunking, F PVC/SWA cables, G SWA/XPLE cables, H Mineral Insulated, MW Metal Work, FM Ferrous Metal, O Other
A/A1 - Single Core PVC Cables (4D1A), A/A2 - Multicore PVC Cables (4D2A), F/F1 - Single-core armoures PVC SWA Cables (4D3A), F/F2 - PVC SWA Cables (4D4A), A/A3 - PVC Twin & Earth (4D5), O/O1 - LSF single core cables 90°C rated (4E1A), O/O2 - Multi-core LSF cables 90°C rated (4E2A), G/G1 - Single-core armoured XLPE cables or 90°C rated (4E3A), G/G2 - Multi-core armoured XLPE cables or 90°C rated (4E4A), H/H1 - MICC exposed to touch (4G1A)

ELECTRICAL INSTALLATION CONDITION REPORT - Schedule of Tests

for Industrial/Commercial Premises

FT/EICR 110151231

Requirements for Electrical Installations
BS 7671:2018 (IET Wiring Regulations 18th Edition)

Company Name	PHS Compliance	**Company Address**	Kid Glove Road	**Postcode**	WA3 3GR	**Branch No.**	**Scheme No.**
Client	UPP Residential Services Ltd	**Installation Address**	Swansea University Bay Campus - Dryslwyn 1B & Nest 2, Reception - Ground Floor Tower Information Centre, Fabian Way, Crymlyn Burrows, Swansea, West Glamorgan	**Postcode**	SA1 8EN		

Distribution board details - Complete in every case

Location: Room 5 Riser [Schneider]
Designation: DB CL20/12
Num. of ways: 4 Num. of phases: 1
Supply polarity confirmed: ☑ Phase sequence confirmed: ☐

Complete only if the distribution board is not connected directly to the origin of the installation

Supply to distribution board is from: Sub Mains(DB CL20, 12/L2)
Overcurrent protective device for the distribution circuit: BS(EN) 61009 RCD/RCBO Type B Rating 32 A Voltage 230 V

Characteristics at this distribution board

Associated RCD(if any): BS (EN) 61008
Z_d 0.44 Ω No. of poles 2
I_{pf} 0.58 kA IΔn 30
Time delay (if applicable) N/A
Above 30mA Operating at 1 IΔn 27.6 ms
30mA or below Operating at 5 IΔn 27.4 ms
(if applicable)

Test instrument serial number(s)

Loop impedance 100701/4664
Insulation resistance 100701/4664
Continuity 100701/4664
RCD 100701/4664

CIRCUIT DETAILS / TEST RESULTS

Circuit No. and Line No.	Distribution board Designation / Circuit designation	Type of wiring	Ref. method	No. of points	Circuit conductors csa (mm²) L / N	Circuit conductors csa (mm²) CPC	Maximum disconnection	Overcurrent protective devices BS EN Number	Type No.	Rating (A)	Breaking capacity (KA)	RCD operating (mA)	BS 7671 Max. permitted Zs Other 80% (Ω)	Circuit impedance Ω Ring final circuits only (measured end-to-end) r1	rn	r2	Fig 8 check (✓)	All circuits to be completed using R1R2 or R2, not both R1 + R2	R2	Insulation resistance (Record lower reading) Test voltage V	L/L, L/N M(Ω)	L/E, N/E M(Ω)	Polarity (✓)	Max. Measured Zs (Ω)	RCD testing Above 30mA IΔn ms	30mA or below 5 IΔn ms	Manual test button operation RCD (✓)	AFDD (✓)
1/L2	Sockets	A	B	6	2.5	1.5	0.4	60898 MCB	B	10	6	N/A	3.49	N/A	N/A	N/A	N/A	0.31	N/A	250	LIM	>299	✓	0.84	N/A	N/A	N/A	N/A
2/L2	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
3/L2	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
4/L2	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Details of circuits and/or installed equipment vulnerable to damage when testing

Date(s) dead testing 26/07/2022 To 26/07/2022

Date(s) live testing 26/07/2022 To 26/07/2022

Tested by: Name (capital letters) LIAM KIMBLE Position Electrical Test Engineer Date 26/07/2022

Signature

Wiring Types. A PVC/PVC, B PVC cables in metallic Conduit, C PVC cables in non-metallic Conduit, D PVC cables in metallic trunking, E PVC cables in non-metallic trunking, F PVC/SWA cables, G SWA/XPLE cables, H Mineral Insulated, MW Metal Work, FM Ferrous Metal, O Other
A/A1 - Single Core PVC Cables (4D1A), A/A2 - Multicore PVC Cables (4D2A), F/F1 - Single-core armoures PVC SWA Cables (4D3A), F/F2 - PVC SWA Cables (4D4A), A/A3 - PVC Twin & Earth (4D5), O/O1 - LSF single core cables 90°C rated (4E1A), O/O2 - Multi-core LSF cables 90°C rated (4E2A), G/G1 - Single-core armoured XLPE cables or 90°C rated (4E3A), G/G2 - Multi-core armoured XLPE cables or 90°C rated (4E4A), H/H1 - MICC exposed to touch (4G1A)

ELECTRICAL INSTALLATION CONDITION REPORT - Schedule of Tests

for Industrial/Commercial Premises

FT/EICR 110151231

Requirements for Electrical Installations
BS 7671:2018 (IET Wiring Regulations 18th Edition)

Company Name	PHS Compliance	**Company Address**	Kid Glove Road	**Postcode**	WA3 3GR	**Branch No.**	**Scheme No.**
Client	UPP Residential Services Ltd	**Installation Address**	Swansea University Bay Campus - Dryslwyn 1B & Nest 2, Reception - Ground Floor Tower Information Centre, Fabian Way, Crymlyn Burrows, Swansea, West Glamorgan	**Postcode**	SA1 8EN		

Distribution board details - Complete in every case

Location: Room X Riser [Schneider]
Designation: DB CL20/12-1
Num. of ways: 4 Num. of phases: 1
Supply polarity confirmed: ☑ Phase sequence confirmed: ☐

Complete only if the distribution board is not connected directly to the origin of the installation

Supply to distribution board is from: Sub Mains(DB CL20, 12/L2)
Overcurrent protective device for the distribution circuit: BS(EN) 61009 RCD/RCBO Type B Rating 32 A Voltage 230 V

Characteristics at this distribution board

Associated RCD(if any): BS (EN) 61008
Z_d 0.44 Ω No. of poles 2
I_{pf} 0.58 kA IΔn 30
Time delay (if applicable) N/A
Operating at 1 IΔn Above 30mA 27.6 ms
Operating at 5 IΔn 30mA or below 27.4 ms
(if applicable)

Test instrument serial number(s)

Loop impedance 100701/4664
Insulation resistance 100701/4664
Continuity 100701/4664
RCD 100701/4664

CIRCUIT DETAILS / TEST RESULTS

Circuit No. and Line No.	Distribution board Designation / Circuit designation	Type of wiring	Ref. method	No. of points	Circuit conductors csa (mm²) L / N	Circuit conductors csa (mm²) CPC	Maximum disconnection	Overcurrent protective devices BS EN Number	Type No.	Rating (A)	Breaking capacity (KA)	RCD operating (mA)	BS 7671 Max. permitted Zs Other 80% (Ω)	Circuit impedance Ω Ring final circuits only (measured end-to-end) r1	rn	r2	Fig 8 check (✓)	All circuits to be completed using R1R2 or R2, not both R1 + R2	R2	Insulation resistance (Record lower reading) Test voltage V	L/L, L/N M(Ω)	L/E, N/E M(Ω)	Polarity (✓)	Max. Measured Zs (Ω)	RCD testing Above 30mA IΔn ms	30mA or below 5 IΔn ms	Manual test button operation RCD (✓)	AFDD (✓)
1/L2	Sockets	A	B	6	2.5	1.5	0.4	60898 MCB	B	10	6	N/A	3.49	N/A	N/A	N/A	N/A	0.28	N/A	250	LIM	>299	✓	0.77	N/A	N/A	N/A	N/A
2/L2	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
3/L2	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
4/L2	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Details of circuits and/or installed equipment vulnerable to damage when testing

Date(s) dead testing 26/07/2022 To 26/07/2022

Date(s) live testing 26/07/2022 To 26/07/2022

Tested by: Name (capital letters) LIAM KIMBLE Position Electrical Test Engineer Date 26/07/2022

Signature

Wiring Types. A PVC/PVC, B PVC cables in metallic Conduit, C PVC cables in non-metallic Conduit, D PVC cables in metallic trunking, E PVC cables in non-metallic trunking, F PVC/SWA cables, G SWA/XPLE cables, H Mineral Insulated, MW Metal Work, FM Ferrous Metal, O Other
A/A1 - Single Core PVC Cables (4D1A), A/A2 - Multicore PVC Cables (4D2A), F/F1 - Single-core armoures PVC SWA Cables (4D3A), F/F2 - PVC SWA Cables (4D4A), A/A3 - PVC Twin & Earth (4D5), O/O1 - LSF single core cables 90°C rated (4E1A), O/O2 - Multi-core LSF cables 90°C rated (4E2A), G/G1 - Single-core armoured XLPE cables or 90°C rated (4E3A), G/G2 - Multi-core armoured XLPE cables or 90°C rated (4E4A), H/H1 - MICC exposed to touch (4G1A)

ELECTRICAL INSTALLATION CONDITION REPORT - Schedule of Tests

for Industrial/Commercial Premises

FT/EICR 110151231

Requirements for Electrical Installations
BS 7671:2018 (IET Wiring Regulations 18th Edition)

Company Name	PHS Compliance	**Company Address**	Kid Glove Road	**Postcode**	WA3 3GR	**Branch No.**	**Scheme No.**
Client	UPP Residential Services Ltd	**Installation Address**	Swansea University Bay Campus - Dryslwyn 1B & Nest 2, Reception - Ground Floor Tower Information Centre, Fabian Way, Crymlyn Burrows, Swansea, West Glamorgan	**Postcode**	SA1 8EN		

Distribution board details - Complete in every case

Location: 4th Floor Kitchen Dryslwyn [Schneider]
Designation: DB CL16
Num. of ways: 18 Num. of phases: 1
Supply polarity confirmed: ☑ Phase sequence confirmed: ☐

Complete only if the distribution board is not connected directly to the origin of the installation

Supply to distribution board is from: Sub Mains(BB Dryslwyn, 9/L3)
Overcurrent protective device for the distribution circuit: BS(EN) 88-2 HRC gG Type gG Rating 63 A Voltage 230 V
Time delay (if applicable): N/A

Characteristics at this distribution board

Associated RCD(if any): BS (EN): N/A
Z_d 0.10 Ω No. of poles: N/A
I_{pf} 2.05 kA IΔn: N/A
Above 30mA Operating at 1 IΔn: N/A ms
30mA or below Operating at 5 IΔn: N/A ms
(if applicable)

Test instrument serial number(s)

Loop impedance: 100701/4664
Insulation resistance: 100701/4664
Continuity: 100701/4664
RCD: 100701/4664

CIRCUIT DETAILS / TEST RESULTS

Circuit No. and Line No.	Distribution board Designation / Circuit designation	Type of wiring	Ref. method	No. of points	Circuit conductors csa (mm²) L / N	Circuit conductors csa (mm²) CPC	Maximum disconnection	Overcurrent protective devices BS EN Number	Type No.	Rating (A)	Breaking capacity (KA)	RCD operating (mA)	BS 7671 Max. permitted Zs Other 80% (Ω)	Circuit impedance Ω Ring final circuits only (measured end-to-end) r1	rn	r2	Fig 8 check (✓)	All circuits to be completed using R1R2 or R2, not both R1 + R2	R2	Insulation resistance (Record lower reading) Test voltage V	L/L, L/N M(Ω)	L/E, N/E M(Ω)	Polarity (✓)	Max. Measured Zs (Ω)	RCD testing Above 30mA IΔn ms	30mA or below 5 IΔn ms	Manual test button operation RCD (✓)	AFDD (✓)
1/L3	Bedroom Lighting 8,9,10	A	B	12	1.5	1	0.4	61009 RCD/RCBO	C	10	10	30	1.75	N/A	N/A	N/A	N/A	0.36	N/A	250	LIM	>299	✓	0.62	28.4	24.8	✓	N/A
2/L3	Bedroom Lighting 6,7	A	B	8	1.5	1	0.4	61009 RCD/RCBO	C	10	10	30	1.75	N/A	N/A	N/A	N/A	0.47	N/A	250	LIM	>299	✓	0.54	28.8	26.8	✓	N/A
3/L3	Bedroom Lighting 4,5	A	B	8	1.5	1	0.4	61009 RCD/RCBO	C	10	10	30	1.75	N/A	N/A	N/A	N/A	0.55	N/A	250	LIM	>299	✓	0.80	27.4	27.2	✓	N/A
4/L3	Bedroom Lighting 1,2,3	A	B	12	1.5	1	0.4	61009 RCD/RCBO	C	10	10	30	1.75	N/A	N/A	N/A	N/A	0.42	N/A	250	LIM	>299	✓	0.72	28.8	26.9	✓	N/A
5/L3	Common Room Lighting	A	B	6	1.5	1	0.4	61009 RCD/RCBO	C	10	10	30	1.75	N/A	N/A	N/A	N/A	0.27	N/A	250	LIM	>299	✓	0.54	29.0	27.2	✓	N/A
6/L3	Common Room Ring	A	B	8	2x2.5	2x1.5	0.4	61009 RCD/RCBO	B	32	10	30	1.09	0.25	0.25	0.42	✓	0.17	N/A	250	LIM	>299	✓	0.27	28.4	28.0	✓	N/A
7/L3	Common Room Ring 2	A	B	8	2x2.5	2x1.5	0.4	61009 RCD/RCBO	B	32	10	30	1.09	0.27	0.27	0.48	✓	0.19	N/A	250	LIM	>299	✓	0.32	28.8	25.4	✓	N/A
8/L3	Hob 1	A	B	1	10	4	0.4	61009 RCD/RCBO	B	32	10	30	1.09	N/A	N/A	N/A	N/A	0.22	N/A	250	LIM	>299	✓	0.40	26.4	27.2	✓	N/A
9/L3	Hob 2	A	B	1	10	4	0.4	61009 RCD/RCBO	B	32	10	30	1.09	N/A	N/A	N/A	N/A	0.15	N/A	250	LIM	>299	✓	0.38	28.4	18.4	✓	N/A
10/L3	Sub Mains(DB CL16/10, DB CL16/10-1, DB CL16/10-2)	A	B	3	2x2.5	2x1.5	0.4	61009 RCD/RCBO	B	32	10	30	1.09	0.37	0.37	0.47	✓	0.21	N/A	250	LIM	>299	✓	0.33	28.4	22.1	✓	N/A
11/L3	Sub Mains(DB CL16/11, DB CL16/11-1, DB CL16/11-2)	A	B	3	2x2.5	2x1.5	0.4	61009 RCD/RCBO	B	32	10	30	1.09	0.36	0.36	0.45	✓	0.20	N/A	250	LIM	>299	✓	0.36	28.8	27.9	✓	N/A
12/L3	Sub Mains(DB CL16/12, DB CL16/12-1)	A	B	2	2x2.5	2x1.5	0.4	61009 RCD/RCBO	B	32	10	30	1.09	0.42	0.42	0.57	✓	0.25	N/A	250	LIM	>299	✓	0.32	28.6	29.0	✓	N/A
13/L3	Sub Mains(DB CL16/13, DB CL16/13-1)	A	B	2	2x2.5	2x1.5	0.4	61009 RCD/RCBO	B	32	10	30	1.09	0.40	0.42	0.61	✓	0.25	N/A	250	LIM	>299	✓	0.36	28.6	27.7	✓	N/A

Details of circuits and/or installed equipment vulnerable to damage when testing

Date(s) dead testing: 29/07/2022 To: 29/07/2022
Date(s) live testing: 29/07/2022 To: 29/07/2022

Tested by: Name (capital letters): LIAM KIMBLE Position: Electrical Test Engineer Date: 29/07/2022
Signature:

Wiring Types. A PVC/PVC, B PVC cables in metallic Conduit, C PVC cables in non-metallic Conduit, D PVC cables in metallic trunking, E PVC cables in non-metallic trunking, F PVC/SWA cables, G SWA/XPLE cables, H Mineral Insulated, MW Metal Work, FM Ferrous Metal, O Other
A/A1 - Single Core PVC Cables (4D1A), A/A2 - Multicore PVC Cables (4D2A), F/F1 - Single-core armoures PVC SWA Cables (4D3A), F/F2 - PVC SWA Cables (4D4A), A/A3 - PVC Twin & Earth (4D5), O/O1 - LSF single core cables 90°C rated (4E1A), O/O2 - Multi-core LSF cables 90°C rated (4E2A), G/G1 - Single-core armoured XLPE cables or 90°C rated (4E3A), G/G2 - Multi-core armoured XLPE cables or 90°C rated (4E4A), H/H1 - MICC exposed to touch (4G1A)

ELECTRICAL INSTALLATION CONDITION REPORT - Schedule of Tests

FT/EICR 110151231

for Industrial/Commercial Premises

Requirements for Electrical Installations
BS 7671:2018 (IET Wiring Regulations 18th Edition)

CIRCUIT DETAILS														TEST RESULTS																
Circuit No. and Line No.	Distribution board Designation / Circuit designation	Type of wiring	Ref. method	No. of points	Circuit conductors csa (mm²) L / N	Circuit conductors csa (mm²) CPC	Maximum disconnection	Overcurrent protective devices BS EN Number	Overcurrent protective devices Type No.	Overcurrent protective devices Rating (A)	Breaking capacity (KA)	RCD operating (mA)	BS 7671 Max. permitted Zs Other 80% (Ω)	Circuit impedance Ω Ring final circuits only (measured end-to-end) r1	rn	r2	Fig 8 check (✓)	All circuits to be completed using R1R2 or R2, not both R1 + R2	R2	Insulation resistance (Record lower reading) Test voltage V	L/L, L/N M(Ω)	L/E, N/E M(Ω)	Polarity (✓)	Max. Measured Zs (Ω)	RCD testing Above 30mA IΔn ms	30mA or below 5 IΔn ms	Manual test button operation RCD (✓)	AFDD (✓)
14/L3	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
15/L3	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
16/L3	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
17/L3	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
18/L3	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Details of circuits and/or installed equipment vulnerable to damage when testing

Date(s) dead testing 29/07/2022 To 29/07/2022

Date(s) live testing 29/07/2022 To 29/07/2022

Tested by: Name (capital letters) LIAM KIMBLE

Position Electrical Test Engineer

Date 29/07/2022

Signature

Wiring Types. A PVC/PVC, B PVC cables in metallic Conduit, C PVC cables in non-metallic Conduit, D PVC cables in metallic trunking, E PVC cables in non-metallic trunking, F PVC/SWA cables, G SWA/XPLE cables, H Mineral Insulated, MW Metal Work, FM Ferrous Metal, O Other
A/A1 - Single Core PVC Cables (4D1A), A/A2 - Multicore PVC Cables (4D2A), F/F1 - Single-core armoures PVC SWA Cables (4D3A), F/F2 - PVC SWA Cables (4D4A), A/A3 - PVC Twin & Earth (4D5), O/O1 - LSF single core cables 90°C rated (4E1A), O/O2 - Multi-core LSF cables 90°C rated (4E2A), G/G1 - Single-core armoured XLPE cables or 90°C rated (4E3A), G/G2 - Multi-core armoured XLPE cables or 90°C rated (4E4A), H/H1 - MICC exposed to touch (4G1A)

ELECTRICAL INSTALLATION CONDITION REPORT - Schedule of Tests

for Industrial/Commercial Premises

FT/EICR 110151231

Requirements for Electrical Installations
BS 7671:2018 (IET Wiring Regulations 18th Edition)

Company Name	PHS Compliance	**Company Address**	Kid Glove Road	**Postcode**	WA3 3GR	**Branch No.**	**Scheme No.**
Client	UPP Residential Services Ltd	**Installation Address**	Swansea University Bay Campus - Dryslwyn 1B & Nest 2, Reception - Ground Floor Tower Information Centre, Fabian Way, Crymlyn Burrows, Swansea, West Glamorgan	**Postcode**	SA1 8EN		

Distribution board details - Complete in every case

Location: Room 8 Riser [Schneider]
Designation: DB CL16/10
Num. of ways: 4 Num. of phases: 1
Supply polarity confirmed: ☑ Phase sequence confirmed: ☐

Complete only if the distribution board is not connected directly to the origin of the installation

Supply to distribution board is from: Sub Mains(DB CL16, 10/L3)
Overcurrent protective device for the distribution circuit: BS(EN) 61009 RCD/RCBO Type B Rating 32 A Voltage 230 V

Characteristics at this distribution board

Associated RCD(if any): BS (EN) 61008
Z_d 0.33 Ω No. of poles 2
I_{pf} 0.70 kA IΔn 30
Time delay (if applicable) N/A
Operating at 1 IΔn: Above 30mA 28.4 ms
Operating at 5 IΔn: 30mA or below 22.1 ms
(if applicable)

Test instrument serial number(s)

Loop impedance: 100701/4664
Insulation resistance: 100701/4664
Continuity: 100701/4664
RCD: 100701/4664

CIRCUIT DETAILS / TEST RESULTS

Circuit No. and Line No.	Distribution board Designation / Circuit designation	Type of wiring	Ref. method	No. of points	Circuit conductors csa (mm²) L / N	Circuit conductors csa (mm²) CPC	Maximum disconnection	Overcurrent protective devices BS EN Number	Type No.	Rating (A)	Breaking capacity (KA)	RCD operating (mA)	BS 7671 Max. permitted Zs Other 80% (Ω)	Circuit impedance Ω Ring final circuits only (measured end-to-end) r1	rn	r2	Fig 8 check (✓)	All circuits to be completed using R1R2 or R2, not both R1 + R2	R2	Insulation resistance (Record lower reading) Test voltage V	L/L, L/N M(Ω)	L/E, N/E M(Ω)	Polarity (✓)	Max. Measured Zs (Ω)	RCD testing Above 30mA IΔn ms	30mA or below 5 IΔn ms	Manual test button operation RCD (✓)	AFDD (✓)
1/L3	Sockets	A	B	6	2.5	1.5	0.4	60898 MCB	B	10	6	N/A	3.49	N/A	N/A	N/A	N/A	0.12	N/A	250	LIM	>299	✓	0.55	N/A	N/A	N/A	N/A
2/L3	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
3/L3	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
4/L3	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Details of circuits and/or installed equipment vulnerable to damage when testing

Date(s) dead testing: 26/07/2022 To 26/07/2022

Date(s) live testing: 26/07/2022 To 26/07/2022

Tested by: Name (capital letters): LIAM KIMBLE Position: Electrical Test Engineer Date: 26/07/2022

Signature:

Wiring Types. A PVC/PVC, B PVC cables in metallic Conduit, C PVC cables in non-metallic Conduit, D PVC cables in metallic trunking, E PVC cables in non-metallic trunking, F PVC/SWA cables, G SWA/XPLE cables, H Mineral Insulated, MW Metal Work, FM Ferrous Metal, O Other
A/A1 - Single Core PVC Cables (4D1A), A/A2 - Multicore PVC Cables (4D2A), F/F1 - Single-core armoures PVC SWA Cables (4D3A), F/F2 - PVC SWA Cables (4D4A), A/A3 - PVC Twin & Earth (4D5), O/O1 - LSF single core cables 90°C rated (4E1A), O/O2 - Multi-core LSF cables 90°C rated (4E2A), G/G1 - Single-core armoured XLPE cables or 90°C rated (4E3A), G/G2 - Multi-core armoured XLPE cables or 90°C rated (4E4A), H/H1 - MICC exposed to touch (4G1A)

ELECTRICAL INSTALLATION CONDITION REPORT - Schedule of Tests

for Industrial/Commercial Premises

FT/EICR 110151231

Requirements for Electrical Installations
BS 7671:2018 (IET Wiring Regulations 18th Edition)

Company Name	PHS Compliance	**Company Address**	Kid Glove Road	**Postcode**	WA3 3GR	**Branch No.**	**Scheme No.**
Client	UPP Residential Services Ltd	**Installation Address**	Swansea University Bay Campus - Dryslwyn 1B & Nest 2, Reception - Ground Floor Tower Information Centre, Fabian Way, Crymlyn Burrows, Swansea, West Glamorgan	**Postcode**	SA1 8EN		

Distribution board details - Complete in every case

Location: Room 9 Riser [Schneider]
Designation: DB CL16/10-1
Num. of ways: 4 Num. of phases: 1
Supply polarity confirmed: ☑ Phase sequence confirmed: ☐

Complete only if the distribution board is not connected directly to the origin of the installation

Supply to distribution board is from: Sub Mains(DB CL16, 10/L3)
Overcurrent protective device for the distribution circuit: BS(EN) 61009 RCD/RCBO Type B Rating 32 A Voltage 230 V

Characteristics at this distribution board

Associated RCD(if any): BS (EN) 61008
Z_d 0.33 Ω No. of poles 2
I_{pf} 0.70 kA IΔn 30
Time delay (if applicable) N/A
Above 30mA Operating at 1 IΔn 28.4 ms
30mA or below Operating at 5 IΔn 22.1 ms
(if applicable)

Test instrument serial number(s)

Loop impedance 100701/4664
Insulation resistance 100701/4664
Continuity 100701/4664
RCD 100701/4664

CIRCUIT DETAILS / TEST RESULTS

Circuit No. and Line No.	Distribution board Designation / Circuit designation	Type of wiring	Ref. method	No. of points	Circuit conductors csa (mm²) L / N	Circuit conductors csa (mm²) CPC	Maximum disconnection	Overcurrent protective devices BS EN Number	Type No.	Rating (A)	Breaking capacity (KA)	RCD operating (mA)	BS 7671 Max. permitted Zs Other 80% (Ω)	Circuit impedance Ω Ring final circuits only (measured end-to-end) r1	rn	r2	Fig 8 check (✓)	All circuits to be completed using R1R2 or R2, not both R1 + R2	R2	Insulation resistance (Record lower reading) Test voltage V	L/L, L/N M(Ω)	L/E, N/E M(Ω)	Polarity (✓)	Max. Measured Zs (Ω)	RCD testing Above 30mA IΔn ms	30mA or below 5 IΔn ms	Manual test button operation RCD (✓)	AFDD (✓)
1/L3	Sockets	A	B	6	2.5	1.5	0.4	60898 MCB	B	10	6	N/A	3.49	N/A	N/A	N/A	N/A	0.22	N/A	250	LIM	>299	✓	0.66	N/A	N/A	N/A	N/A
2/L3	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
3/L3	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
4/L3	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Details of circuits and/or installed equipment vulnerable to damage when testing

Date(s) dead testing 26/07/2022 To 26/07/2022

Date(s) live testing 26/07/2022 To 26/07/2022

Tested by: Name (capital letters) LIAM KIMBLE Position Electrical Test Engineer Date 26/07/2022

Signature

Wiring Types. A PVC/PVC, B PVC cables in metallic Conduit, C PVC cables in non-metallic Conduit, D PVC cables in metallic trunking, E PVC cables in non-metallic trunking, F PVC/SWA cables, G SWA/XPLE cables, H Mineral Insulated, MW Metal Work, FM Ferrous Metal, O Other
A/A1 - Single Core PVC Cables (4D1A), A/A2 - Multicore PVC Cables (4D2A), F/F1 - Single-core armoures PVC SWA Cables (4D3A), F/F2 - PVC SWA Cables (4D4A), A/A3 - PVC Twin & Earth (4D5), O/O1 - LSF single core cables 90°C rated (4E1A), O/O2 - Multi-core LSF cables 90°C rated (4E2A), G/G1 - Single-core armoured XLPE cables or 90°C rated (4E3A), G/G2 - Multi-core armoured XLPE cables or 90°C rated (4E4A), H/H1 - MICC exposed to touch (4G1A)

ELECTRICAL INSTALLATION CONDITION REPORT - Schedule of Tests

for Industrial/Commercial Premises

FT/EICR 110151231

Requirements for Electrical Installations
BS 7671:2018 (IET Wiring Regulations 18th Edition)

Company Name	PHS Compliance	**Company Address**	Kid Glove Road	**Postcode**	WA3 3GR	**Branch No.**	**Scheme No.**
Client	UPP Residential Services Ltd	**Installation Address**	Swansea University Bay Campus - Dryslwyn 1B & Nest 2, Reception - Ground Floor Tower Information Centre, Fabian Way, Crymlyn Burrows, Swansea, West Glamorgan	**Postcode**	SA1 8EN		

Distribution board details - Complete in every case

Location: Room 10 Riser [Schneider]
Designation: DB CL16/10-2
Num. of ways: 4 Num. of phases: 1
Supply polarity confirmed: ☑ Phase sequence confirmed: ☐

Complete only if the distribution board is not connected directly to the origin of the installation

Supply to distribution board is from: Sub Mains(DB CL16, 10/L3)
Overcurrent protective device for the distribution circuit: BS(EN) 61009 RCD/RCBO Type B Rating 32 A Voltage 230 V

Characteristics at this distribution board

Associated RCD(if any): BS (EN) 61008
Z_d 0.33 Ω No. of poles 2
I_{pf} 0.70 kA IΔn 30
Time delay (if applicable) N/A
Above 30mA Operating at 1 IΔn 28.4 ms
30mA or below Operating at 5 IΔn 22.1 ms
(if applicable)

Test instrument serial number(s)

Loop impedance 100701/4664
Insulation resistance 100701/4664
Continuity 100701/4664
RCD 100701/4664

CIRCUIT DETAILS / TEST RESULTS

Circuit No. and Line No.	Distribution board Designation / Circuit designation	Type of wiring	Ref. method	No. of points	Circuit conductors csa (mm²) L / N	Circuit conductors csa (mm²) CPC	Maximum disconnection	Overcurrent protective devices BS EN Number	Type No.	Rating (A)	Breaking capacity (KA)	RCD operating (mA)	BS 7671 Max. permitted Zs Other 80% (Ω)	Circuit impedance Ω Ring final circuits only (measured end-to-end) r1	rn	r2	Fig 8 check (✓)	All circuits to be completed using R1R2 or R2, not both R1 + R2	R2	Insulation resistance (Record lower reading) Test voltage V	L/L, L/N M(Ω)	L/E, N/E M(Ω)	Polarity (✓)	Max. Measured Zs (Ω)	RCD testing Above 30mA IΔn ms	30mA or below 5 IΔn ms	Manual test button operation RCD (✓)	AFDD (✓)
1/L3	Sockets	A	B	6	2.5	1.5	0.4	60898 MCB	B	10	6	N/A	3.49	N/A	N/A	N/A	N/A	0.12	N/A	250	LIM	>299	✓	0.58	N/A	N/A	N/A	N/A
2/L3	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
3/L3	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
4/L3	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Details of circuits and/or installed equipment vulnerable to damage when testing

Date(s) dead testing 26/07/2022 To 26/07/2022

Date(s) live testing 26/07/2022 To 26/07/2022

Tested by: Name (capital letters) LIAM KIMBLE Position Electrical Test Engineer Date 26/07/2022

Signature

Wiring Types. A PVC/PVC, B PVC cables in metallic Conduit, C PVC cables in non-metallic Conduit, D PVC cables in metallic trunking, E PVC cables in non-metallic trunking, F PVC/SWA cables, G SWA/XPLE cables, H Mineral Insulated, MW Metal Work, FM Ferrous Metal, O Other
A/A1 - Single Core PVC Cables (4D1A), A/A2 - Multicore PVC Cables (4D2A), F/F1 - Single-core armoures PVC SWA Cables (4D3A), F/F2 - PVC SWA Cables (4D4A), A/A3 - PVC Twin & Earth (4D5), O/O1 - LSF single core cables 90°C rated (4E1A), O/O2 - Multi-core LSF cables 90°C rated (4E2A), G/G1 - Single-core armoured XLPE cables or 90°C rated (4E3A), G/G2 - Multi-core armoured XLPE cables or 90°C rated (4E4A), H/H1 - MICC exposed to touch (4G1A)

ELECTRICAL INSTALLATION CONDITION REPORT - Schedule of Tests

for Industrial/Commercial Premises

FT/EICR 110151231

Requirements for Electrical Installations
BS 7671:2018 (IET Wiring Regulations 18th Edition)

Company Name	PHS Compliance	**Company Address**	Kid Glove Road	**Postcode**	WA3 3GR	**Branch No.**	**Scheme No.**
Client	UPP Residential Services Ltd	**Installation Address**	Swansea University Bay Campus - Dryslwyn 1B & Nest 2, Reception - Ground Floor Tower Information Centre, Fabian Way, Crymlyn Burrows, Swansea, West Glamorgan	**Postcode**	SA1 8EN		

Distribution board details - Complete in every case

Location: Room 1 Riser [Schneider]
Designation: DB CL16/11
Num. of ways: 4 Num. of phases: 1
Supply polarity confirmed: ☑ Phase sequence confirmed: ☐

Complete only if the distribution board is not connected directly to the origin of the installation

Supply to distribution board is from: Sub Mains(DB CL16, 11/L3)
Overcurrent protective device for the distribution circuit: BS(EN) 61009 RCD/RCBO Type B Rating 32 A Voltage 230 V

Characteristics at this distribution board

Associated RCD(if any): BS (EN) 61008
Z_d 0.36 Ω No. of poles 2
I_{pf} 0.68 kA IΔn 30
Time delay (if applicable) N/A
Above 30mA Operating at 1 IΔn 28.8 ms
30mA or below Operating at 5 IΔn 27.9 ms
(if applicable)

Test instrument serial number(s)

Loop impedance 100701/4664
Insulation resistance 100701/4664
Continuity 100701/4664
RCD 100701/4664

CIRCUIT DETAILS / TEST RESULTS

Circuit No. and Line No.	Distribution board Designation / Circuit designation	Type of wiring	Ref. method	No. of points	Circuit conductors csa (mm²) L / N	Circuit conductors csa (mm²) CPC	Maximum disconnection	Overcurrent protective devices BS EN Number	Type No.	Rating (A)	Breaking capacity (KA)	RCD operating (mA)	BS 7671 Max. permitted Zs Other 80% (Ω)	Circuit impedance Ω Ring final circuits only (measured end-to-end) r1	rn	r2	Fig 8 check (✓)	All circuits to be completed using R1R2 or R2, not both R1 + R2	R2	Insulation resistance (Record lower reading) Test voltage V	L/L, L/N M(Ω)	L/E, N/E M(Ω)	Polarity (✓)	Max. Measured Zs (Ω)	RCD testing Above 30mA IΔn ms	30mA or below 5 IΔn ms	Manual test button operation RCD (✓)	AFDD (✓)
1/L3	Sockets	A	B	6	2.5	1.5	0.4	60898 MCB	B	10	6	N/A	3.49	N/A	N/A	N/A	N/A	0.22	N/A	250	LIM	>299	✓	0.62	N/A	N/A	N/A	N/A
2/L3	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
3/L3	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
4/L3	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Details of circuits and/or installed equipment vulnerable to damage when testing

Date(s) dead testing 26/07/2022 To 26/07/2022

Date(s) live testing 26/07/2022 To 26/07/2022

Tested by: Name (capital letters) LIAM KIMBLE Position Electrical Test Engineer Date 26/07/2022

Signature

Wiring Types. A PVC/PVC, B PVC cables in metallic Conduit, C PVC cables in non-metallic Conduit, D PVC cables in metallic trunking, E PVC cables in non-metallic trunking, F PVC/SWA cables, G SWA/XPLE cables, H Mineral Insulated, MW Metal Work, FM Ferrous Metal, O Other
A/A1 - Single Core PVC Cables (4D1A), A/A2 - Multicore PVC Cables (4D2A), F/F1 - Single-core armoures PVC SWA Cables (4D3A), F/F2 - PVC SWA Cables (4D4A), A/A3 - PVC Twin & Earth (4D5), O/O1 - LSF single core cables 90°C rated (4E1A), O/O2 - Multi-core LSF cables 90°C rated (4E2A), G/G1 - Single-core armoured XLPE cables or 90°C rated (4E3A), G/G2 - Multi-core armoured XLPE cables or 90°C rated (4E4A), H/H1 - MICC exposed to touch (4G1A)

ELECTRICAL INSTALLATION CONDITION REPORT - Schedule of Tests

for Industrial/Commercial Premises

FT/EICR 110151231

Requirements for Electrical Installations
BS 7671:2018 (IET Wiring Regulations 18th Edition)

Company Name	PHS Compliance	**Company Address**	Kid Glove Road	**Postcode**	WA3 3GR	**Branch No.**	**Scheme No.**
Client	UPP Residential Services Ltd	**Installation Address**	Swansea University Bay Campus - Dryslwyn 1B & Nest 2, Reception - Ground Floor Tower Information Centre, Fabian Way, Crymlyn Burrows, Swansea, West Glamorgan	**Postcode**	SA1 8EN		

Distribution board details - Complete in every case

Location: Room 2 Riser [Schneider]
Designation: DB CL16/11-1
Num. of ways: 4 Num. of phases: 1
Supply polarity confirmed: ☑ Phase sequence confirmed: ☐

Complete only if the distribution board is not connected directly to the origin of the installation

Supply to distribution board is from: Sub Mains(DB CL16, 11/L3)
Overcurrent protective device for the distribution circuit: BS(EN) 61009 RCD/RCBO Type B Rating 32 A Voltage 230 V

Characteristics at this distribution board

Associated RCD(if any): BS (EN) 61008
Z_d 0.36 Ω No. of poles 2
I_{pf} 0.68 kA IΔn 30
Time delay (if applicable) N/A
Above 30mA Operating at 1 IΔn 28.8 ms
30mA or below Operating at 5 IΔn 27.9 ms
(if applicable)

Test instrument serial number(s)

Loop impedance 100701/4664
Insulation resistance 100701/4664
Continuity 100701/4664
RCD 100701/4664

CIRCUIT DETAILS / TEST RESULTS

Circuit No. and Line No.	Distribution board Designation / Circuit designation	Type of wiring	Ref. method	No. of points	Circuit conductors csa (mm²) L / N	Circuit conductors csa (mm²) CPC	Maximum disconnection	Overcurrent protective devices BS EN Number	Type No.	Rating (A)	Breaking capacity (KA)	RCD operating (mA)	BS 7671 Max. permitted Zs Other 80% (Ω)	Circuit impedance Ω Ring final circuits only (measured end-to-end) r1	rn	r2	Fig 8 check (✓)	All circuits to be completed using R1R2 or R2, not both R1 + R2	R2	Insulation resistance (Record lower reading) Test voltage V	L/L, L/N M(Ω)	L/E, N/E M(Ω)	Polarity (✓)	Max. Measured Zs (Ω)	RCD testing Above 30mA IΔn ms	30mA or below 5 IΔn ms	Manual test button operation RCD (✓)	AFDD (✓)
1/L3	Sockets	A	B	6	2.5	1.5	0.4	60898 MCB	B	10	6	N/A	3.49	N/A	N/A	N/A	N/A	0.18	N/A	250	LIM	>299	✓	0.65	N/A	N/A	N/A	N/A
2/L3	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
3/L3	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
4/L3	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Details of circuits and/or installed equipment vulnerable to damage when testing

Date(s) dead testing 26/07/2022 To 26/07/2022

Date(s) live testing 26/07/2022 To 26/07/2022

Tested by: Name (capital letters) LIAM KIMBLE Position Electrical Test Engineer Date 26/07/2022

Signature

Wiring Types. A PVC/PVC, B PVC cables in metallic Conduit, C PVC cables in non-metallic Conduit, D PVC cables in metallic trunking, E PVC cables in non-metallic trunking, F PVC/SWA cables, G SWA/XPLE cables, H Mineral Insulated, MW Metal Work, FM Ferrous Metal, O Other
A/A1 - Single Core PVC Cables (4D1A), A/A2 - Multicore PVC Cables (4D2A), F/F1 - Single-core armoures PVC SWA Cables (4D3A), F/F2 - PVC SWA Cables (4D4A), A/A3 - PVC Twin & Earth (4D5), O/O1 - LSF single core cables 90°C rated (4E1A), O/O2 - Multi-core LSF cables 90°C rated (4E2A), G/G1 - Single-core armoured XLPE cables or 90°C rated (4E3A), G/G2 - Multi-core armoured XLPE cables or 90°C rated (4E4A), H/H1 - MICC exposed to touch (4G1A)

ELECTRICAL INSTALLATION CONDITION REPORT - Schedule of Tests

for Industrial/Commercial Premises

FT/EICR 110151231

Requirements for Electrical Installations
BS 7671:2018 (IET Wiring Regulations 18th Edition)

Company Name	PHS Compliance	**Company Address**	Kid Glove Road	**Postcode**	WA3 3GR	**Branch No.**	**Scheme No.**
Client	UPP Residential Services Ltd	**Installation Address**	Swansea University Bay Campus - Dryslwyn 1B & Nest 2, Reception - Ground Floor Tower Information Centre, Fabian Way, Crymlyn Burrows, Swansea, West Glamorgan	**Postcode**	SA1 8EN		

Distribution board details - Complete in every case

Location: Room 3 Riser [Schneider]
Designation: DB CL16/11-2
Num. of ways: 4 Num. of phases: 1
Supply polarity confirmed: ☑ Phase sequence confirmed: ☐

Complete only if the distribution board is not connected directly to the origin of the installation

Supply to distribution board is from: Sub Mains(DB CL16, 11/L3)
Overcurrent protective device for the distribution circuit: BS(EN) 61009 RCD/RCBO Type B Rating 32 A Voltage 230 V

Characteristics at this distribution board

Associated RCD(if any): BS (EN) 61008
Z_d 0.36 Ω No. of poles 2
I_{pf} 0.68 kA IΔn 30
Time delay (if applicable) N/A
Above 30mA Operating at 1 IΔn 28.8 ms
30mA or below Operating at 5 IΔn 27.9 ms
(if applicable)

Test instrument serial number(s)

Loop impedance 100701/4664
Insulation resistance 100701/4664
Continuity 100701/4664
RCD 100701/4664

CIRCUIT DETAILS / TEST RESULTS

Circuit No. and Line No.	Distribution board Designation / Circuit designation	Type of wiring	Ref. method	No. of points	Circuit conductors csa (mm²) L / N	Circuit conductors csa (mm²) CPC	Maximum disconnection	Overcurrent protective devices BS EN Number	Type No.	Rating (A)	Breaking capacity (KA)	RCD operating (mA)	BS 7671 Max. permitted Zs Other 80% (Ω)	Circuit impedance Ω Ring final circuits only (measured end-to-end) r1	rn	r2	Fig 8 check (✓)	All circuits to be completed using R1R2 or R2, not both R1 + R2	R2	Insulation resistance (Record lower reading) Test voltage V	L/L, L/N M(Ω)	L/E, N/E M(Ω)	Polarity (✓)	Max. Measured Zs (Ω)	RCD testing Above 30mA IΔn ms	30mA or below 5 IΔn ms	Manual test button operation RCD (✓)	AFDD (✓)
1/L3	Sockets	A	B	6	2.5	1.5	0.4	60898 MCB	B	10	6	N/A	3.49	N/A	N/A	N/A	N/A	0.25	N/A	250	LIM	>299	✓	0.66	N/A	N/A	N/A	N/A
2/L3	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
3/L3	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
4/L3	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Details of circuits and/or installed equipment vulnerable to damage when testing

Date(s) dead testing 26/07/2022 To 26/07/2022

Date(s) live testing 26/07/2022 To 26/07/2022

Tested by: Name (capital letters) LIAM KIMBLE Position Electrical Test Engineer Date 26/07/2022

Signature

Wiring Types. A PVC/PVC, B PVC cables in metallic Conduit, C PVC cables in non-metallic Conduit, D PVC cables in metallic trunking, E PVC cables in non-metallic trunking, F PVC/SWA cables, G SWA/XPLE cables, H Mineral Insulated, MW Metal Work, FM Ferrous Metal, O Other
A/A1 - Single Core PVC Cables (4D1A), A/A2 - Multicore PVC Cables (4D2A), F/F1 - Single-core armoures PVC SWA Cables (4D3A), F/F2 - PVC SWA Cables (4D4A), A/A3 - PVC Twin & Earth (4D5), O/O1 - LSF single core cables 90°C rated (4E1A), O/O2 - Multi-core LSF cables 90°C rated (4E2A), G/G1 - Single-core armoured XLPE cables or 90°C rated (4E3A), G/G2 - Multi-core armoured XLPE cables or 90°C rated (4E4A), H/H1 - MICC exposed to touch (4G1A)

ELECTRICAL INSTALLATION CONDITION REPORT - Schedule of Tests

for Industrial/Commercial Premises

FT/EICR 110151231

Requirements for Electrical Installations
BS 7671:2018 (IET Wiring Regulations 18th Edition)

Company Name	PHS Compliance	**Company Address**	Kid Glove Road	**Postcode**	WA3 3GR	**Branch No.**	**Scheme No.**
Client	UPP Residential Services Ltd	**Installation Address**	Swansea University Bay Campus - Dryslwyn 1B & Nest 2, Reception - Ground Floor Tower Information Centre, Fabian Way, Crymlyn Burrows, Swansea, West Glamorgan	**Postcode**	SA1 8EN		

Distribution board details - Complete in every case

Location: Room 6 Riser [Schneider]
Designation: DB CL16/12
Num. of ways: 4 Num. of phases: 1
Supply polarity confirmed: ☑ Phase sequence confirmed: ☐

Complete only if the distribution board is not connected directly to the origin of the installation

Supply to distribution board is from: Sub Mains(DB CL16, 12/L3)
Overcurrent protective device for the distribution circuit: BS(EN) 61009 RCD/RCBO Type B Rating 32 A Voltage 230 V

Characteristics at this distribution board

Associated RCD(if any): BS (EN) 61008
Z_d 0.32 Ω No. of poles 2
I_{pf} 0.77 kA IΔn 30
Time delay (if applicable) N/A
Operating at 1 IΔn: Above 30mA 28.6 ms
Operating at 5 IΔn: 30mA or below 29.0 ms
(if applicable)

Test instrument serial number(s)

Loop impedance: 100701/4664
Insulation resistance: 100701/4664
Continuity: 100701/4664
RCD: 100701/4664

CIRCUIT DETAILS / TEST RESULTS

Circuit No. and Line No.	Distribution board Designation / Circuit designation	Type of wiring	Ref. method	No. of points	Circuit conductors csa (mm²) L / N	Circuit conductors csa (mm²) CPC	Maximum disconnection	Overcurrent protective devices BS EN Number	Type No.	Rating (A)	Breaking capacity (KA)	RCD operating (mA)	BS 7671 Max. permitted Zs Other 80% (Ω)	Circuit impedance Ω Ring final circuits only (measured end-to-end) r1	rn	r2	Fig 8 check (✓)	All circuits to be completed using R1R2 or R2, not both R1 + R2	R2	Insulation resistance (Record lower reading) Test voltage V	L/L, L/N M(Ω)	L/E, N/E M(Ω)	Polarity (✓)	Max. Measured Zs (Ω)	RCD testing Above 30mA IΔn ms	30mA or below 5 IΔn ms	Manual test button operation RCD (✓)	AFDD (✓)
1/L3	Sockets	A	B	6	2.5	1.5	0.4	60898 MCB	B	10	6	N/A	3.49	N/A	N/A	N/A	N/A	0.19	N/A	250	LIM	>299	✓	0.64	N/A	N/A	N/A	N/A
2/L3	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
3/L3	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
4/L3	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Details of circuits and/or installed equipment vulnerable to damage when testing

Date(s) dead testing: 26/07/2022 To 26/07/2022

Date(s) live testing: 26/07/2022 To 26/07/2022

Tested by: Name (capital letters): LIAM KIMBLE Position: Electrical Test Engineer Date: 26/07/2022

Signature:

Wiring Types. A PVC/PVC, B PVC cables in metallic Conduit, C PVC cables in non-metallic Conduit, D PVC cables in metallic trunking, E PVC cables in non-metallic trunking, F PVC/SWA cables, G SWA/XPLE cables, H Mineral Insulated, MW Metal Work, FM Ferrous Metal, O Other
A/A1 - Single Core PVC Cables (4D1A), A/A2 - Multicore PVC Cables (4D2A), F/F1 - Single-core armoures PVC SWA Cables (4D3A), F/F2 - PVC SWA Cables (4D4A), A/A3 - PVC Twin & Earth (4D5), O/O1 - LSF single core cables 90°C rated (4E1A), O/O2 - Multi-core LSF cables 90°C rated (4E2A), G/G1 - Single-core armoured XLPE cables or 90°C rated (4E3A), G/G2 - Multi-core armoured XLPE cables or 90°C rated (4E4A), H/H1 - MICC exposed to touch (4G1A)

ELECTRICAL INSTALLATION CONDITION REPORT - Schedule of Tests

for Industrial/Commercial Premises

FT/EICR 110151231

Requirements for Electrical Installations
BS 7671:2018 (IET Wiring Regulations 18th Edition)

Company Name	PHS Compliance	**Company Address**	Kid Glove Road	**Postcode**	WA3 3GR	**Branch No.**	**Scheme No.**
Client	UPP Residential Services Ltd	**Installation Address**	Swansea University Bay Campus - Dryslwyn 1B & Nest 2, Reception - Ground Floor Tower Information Centre, Fabian Way, Crymlyn Burrows, Swansea, West Glamorgan	**Postcode**	SA1 8EN		

Distribution board details - Complete in every case

Location: Room 7 Riser [Schneider]
Designation: DB CL16/12-1
Num. of ways: 4 Num. of phases: 1
Supply polarity confirmed: ☑ Phase sequence confirmed: ☐

Complete only if the distribution board is not connected directly to the origin of the installation

Supply to distribution board is from: Sub Mains(DB CL16, 12/L3)
Overcurrent protective device for the distribution circuit: BS(EN) 61009 RCD/RCBO Type B Rating 32 A Voltage 230 V

Characteristics at this distribution board

Associated RCD(if any): BS (EN) 61008
Z_d 0.32 Ω No. of poles 2
I_{pf} 0.77 kA IΔn 30
Time delay (if applicable) N/A
Operating at 1 IΔn: Above 30mA 28.6 ms
Operating at 5 IΔn: 30mA or below 29.0 ms
(if applicable)

Test instrument serial number(s)

Loop impedance: 100701/4664
Insulation resistance: 100701/4664
Continuity: 100701/4664
RCD: 100701/4664

CIRCUIT DETAILS / TEST RESULTS

Circuit No. and Line No.	Distribution board Designation / Circuit designation	Type of wiring	Ref. method	No. of points	Circuit conductors csa (mm²) L / N	Circuit conductors csa (mm²) CPC	Maximum disconnection	Overcurrent protective devices BS EN Number	Type No.	Rating (A)	Breaking capacity (KA)	RCD operating (mA)	BS 7671 Max. permitted Zs Other 80% (Ω)	Circuit impedance Ω Ring final circuits only (measured end-to-end) r1	rn	r2	Fig 8 check (✓)	All circuits to be completed using R1R2 or R2, not both R1 + R2	R2	Insulation resistance (Record lower reading) Test voltage V	L/L, L/N M(Ω)	L/E, N/E M(Ω)	Polarity (✓)	Max. Measured Zs (Ω)	RCD testing Above 30mA IΔn ms	30mA or below 5 IΔn ms	Manual test button operation RCD (✓)	AFDD (✓)
1/L3	Sockets	A	B	6	2.5	1.5	0.4	60898 MCB	B	10	6	N/A	3.49	N/A	N/A	N/A	N/A	0.12	N/A	250	LIM	>299	✓	0.66	N/A	N/A	N/A	N/A
2/L3	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
3/L3	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
4/L3	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Details of circuits and/or installed equipment vulnerable to damage when testing

Date(s) dead testing: 26/07/2022 To 26/07/2022

Date(s) live testing: 26/07/2022 To 26/07/2022

Tested by: Name (capital letters): LIAM KIMBLE Position: Electrical Test Engineer Date: 26/07/2022

Signature:

Wiring Types. A PVC/PVC, B PVC cables in metallic Conduit, C PVC cables in non-metallic Conduit, D PVC cables in metallic trunking, E PVC cables in non-metallic trunking, F PVC/SWA cables, G SWA/XPLE cables, H Mineral Insulated, MW Metal Work, FM Ferrous Metal, O Other
A/A1 - Single Core PVC Cables (4D1A), A/A2 - Multicore PVC Cables (4D2A), F/F1 - Single-core armoures PVC SWA Cables (4D3A), F/F2 - PVC SWA Cables (4D4A), A/A3 - PVC Twin & Earth (4D5), O/O1 - LSF single core cables 90°C rated (4E1A), O/O2 - Multi-core LSF cables 90°C rated (4E2A), G/G1 - Single-core armoured XLPE cables or 90°C rated (4E3A), G/G2 - Multi-core armoured XLPE cables or 90°C rated (4E4A), H/H1 - MICC exposed to touch (4G1A)

ELECTRICAL INSTALLATION CONDITION REPORT - Schedule of Tests

for Industrial/Commercial Premises

FT/EICR 110151231

Requirements for Electrical Installations
BS 7671:2018 (IET Wiring Regulations 18th Edition)

Company Name	PHS Compliance	**Company Address**	Kid Glove Road	**Postcode**	WA3 3GR	**Branch No.**	**Scheme No.**
Client	UPP Residential Services Ltd	**Installation Address**	Swansea University Bay Campus - Dryslwyn 1B & Nest 2, Reception - Ground Floor Tower Information Centre, Fabian Way, Crymlyn Burrows, Swansea, West Glamorgan	**Postcode**	SA1 8EN		

Distribution board details - Complete in every case

Location: Room 4 Riser [Schneider]
Designation: DB CL16/13
Num. of ways: 4 Num. of phases: 1
Supply polarity confirmed: ☑ Phase sequence confirmed: ☐

Complete only if the distribution board is not connected directly to the origin of the installation

Supply to distribution board is from: Sub Mains(DB CL16, 13/L3)
Overcurrent protective device for the distribution circuit: BS(EN) 61009 RCD/RCBO Type B Rating 32 A Voltage 230 V

Characteristics at this distribution board

Associated RCD(if any): BS (EN) 61008
Z_d 0.36 Ω No. of poles 2
I_{pf} 0.70 kA IΔn 30
Time delay (if applicable) N/A
Operating at 1 IΔn Above 30mA 28.6 ms
Operating at 5 IΔn 30mA or below 27.7 ms
(if applicable)

Test instrument serial number(s)

Loop impedance 100701/4664
Insulation resistance 100701/4664
Continuity 100701/4664
RCD 100701/4664

CIRCUIT DETAILS / TEST RESULTS

Circuit No. and Line No.	Distribution board Designation / Circuit designation	Type of wiring	Ref. method	No. of points	Circuit conductors csa (mm²) L / N	Circuit conductors csa (mm²) CPC	Maximum disconnection	Overcurrent protective devices BS EN Number	Type No.	Rating (A)	Breaking capacity (KA)	RCD operating (mA)	BS 7671 Max. permitted Zs Other 80% (Ω)	Circuit impedance Ω Ring final circuits only (measured end-to-end) r1	rn	r2	Fig 8 check (✓)	All circuits to be completed using R1R2 or R2, not both R1 + R2	R2	Insulation resistance (Record lower reading) Test voltage V	L/L, L/N M(Ω)	L/E, N/E M(Ω)	Polarity (✓)	Max. Measured Zs (Ω)	RCD testing Above 30mA IΔn ms	30mA or below 5 IΔn ms	Manual test button operation RCD (✓)	AFDD (✓)
1/L3	Sockets	A	B	6	2.5	1.5	0.4	60898 MCB	B	10	6	N/A	3.49	N/A	N/A	N/A	N/A	0.20	N/A	250	LIM	>299	✓	0.72	N/A	N/A	N/A	N/A
2/L3	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
3/L3	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
4/L3	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Details of circuits and/or installed equipment vulnerable to damage when testing

Date(s) dead testing 26/07/2022 To 26/07/2022

Date(s) live testing 26/07/2022 To 26/07/2022

Tested by: Name (capital letters) LIAM KIMBLE Position Electrical Test Engineer Date 26/07/2022

Signature

Wiring Types. A PVC/PVC, B PVC cables in metallic Conduit, C PVC cables in non-metallic Conduit, D PVC cables in metallic trunking, E PVC cables in non-metallic trunking, F PVC/SWA cables, G SWA/XPLE cables, H Mineral Insulated, MW Metal Work, FM Ferrous Metal, O Other
A/A1 - Single Core PVC Cables (4D1A), A/A2 - Multicore PVC Cables (4D2A), F/F1 - Single-core armoures PVC SWA Cables (4D3A), F/F2 - PVC SWA Cables (4D4A), A/A3 - PVC Twin & Earth (4D5), O/O1 - LSF single core cables 90°C rated (4E1A), O/O2 - Multi-core LSF cables 90°C rated (4E2A), G/G1 - Single-core armoured XLPE cables or 90°C rated (4E3A), G/G2 - Multi-core armoured XLPE cables or 90°C rated (4E4A), H/H1 - MICC exposed to touch (4G1A)

ELECTRICAL INSTALLATION CONDITION REPORT - Schedule of Tests

for Industrial/Commercial Premises

FT/EICR 110151231

Requirements for Electrical Installations
BS 7671:2018 (IET Wiring Regulations 18th Edition)

Company Name	PHS Compliance	**Company Address**	Kid Glove Road	**Postcode**	WA3 3GR	**Branch No.**	**Scheme No.**
Client	UPP Residential Services Ltd	**Installation Address**	Swansea University Bay Campus - Dryslwyn 1B & Nest 2, Reception - Ground Floor Tower Information Centre, Fabian Way, Crymlyn Burrows, Swansea, West Glamorgan	**Postcode**	SA1 8EN		

Distribution board details - Complete in every case

Location: Room 5 Riser [Schneider]
Designation: DB CL16/13-1
Num. of ways: 4 Num. of phases: 1
Supply polarity confirmed: ☑ Phase sequence confirmed: ☐

Complete only if the distribution board is not connected directly to the origin of the installation

Supply to distribution board is from: Sub Mains(DB CL16, 13/L3)
Overcurrent protective device for the distribution circuit: BS(EN) 61009 RCD/RCBO Type B Rating 32 A Voltage 230 V

Characteristics at this distribution board

Associated RCD(if any): BS (EN) 61008
Z_d 0.36 Ω No. of poles 2
I_{pf} 0.70 kA IΔn 30
Time delay (if applicable) N/A
Operating at 1 IΔn: Above 30mA 28.6 ms
Operating at 5 IΔn: 30mA or below 27.7 ms
(if applicable)

Test instrument serial number(s)

Loop impedance: 100701/4664
Insulation resistance: 100701/4664
Continuity: 100701/4664
RCD: 100701/4664

CIRCUIT DETAILS / TEST RESULTS

Circuit No. and Line No.	Distribution board Designation / Circuit designation	Type of wiring	Ref. method	No. of points	Circuit conductors csa (mm²) L / N	Circuit conductors csa (mm²) CPC	Maximum disconnection	Overcurrent protective devices BS EN Number	Type No.	Rating (A)	Breaking capacity (KA)	RCD operating (mA)	BS 7671 Max. permitted Zs Other 80% (Ω)	Circuit impedance Ω: Ring final circuits only (measured end-to-end) r1	rn	r2	Fig 8 check (✓)	All circuits to be completed using R1R2 or R2, not both: R1 + R2	R2	Insulation resistance (Record lower reading): Test voltage V	L/L, L/N M(Ω)	L/E, N/E M(Ω)	Polarity (✓)	Max. Measured Zs (Ω)	RCD testing: Above 30mA IΔn ms	30mA or below 5 IΔn ms	Manual test button operation: RCD (✓)	AFDD (✓)
1/L3	Sockets	A	B	6	2.5	1.5	0.4	60898 MCB	B	10	6	N/A	3.49	N/A	N/A	N/A	N/A	0.26	N/A	250	LIM	>299	✓	0.67	N/A	N/A	N/A	N/A
2/L3	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
3/L3	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
4/L3	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Details of circuits and/or installed equipment vulnerable to damage when testing

Date(s) dead testing: 26/07/2022 To: 26/07/2022

Date(s) live testing: 26/07/2022 To: 26/07/2022

Tested by: Name (capital letters): LIAM KIMBLE Position: Electrical Test Engineer Date: 26/07/2022

Signature

Wiring Types. A PVC/PVC, B PVC cables in metallic Conduit, C PVC cables in non-metallic Conduit, D PVC cables in metallic trunking, E PVC cables in non-metallic trunking, F PVC/SWA cables, G SWA/XPLE cables, H Mineral Insulated, MW Metal Work, FM Ferrous Metal, O Other
A/A1 - Single Core PVC Cables (4D1A), A/A2 - Multicore PVC Cables (4D2A), F/F1 - Single-core armoures PVC SWA Cables (4D3A), F/F2 - PVC SWA Cables (4D4A), A/A3 - PVC Twin & Earth (4D5), O/O1 - LSF single core cables 90°C rated (4E1A), O/O2 - Multi-core LSF cables 90°C rated (4E2A), G/G1 - Single-core armoured XLPE cables or 90°C rated (4E3A), G/G2 - Multi-core armoured XLPE cables or 90°C rated (4E4A), H/H1 - MICC exposed to touch (4G1A)

ELECTRICAL INSTALLATION CONDITION REPORT - Schedule of Tests

for Industrial/Commercial Premises

FT/EICR 110151231

Requirements for Electrical Installations
BS 7671:2018 (IET Wiring Regulations 18th Edition)

Company Name	PHS Compliance	**Company Address**	Kid Glove Road	**Postcode**	WA3 3GR	**Branch No.**	**Scheme No.**
Client	UPP Residential Services Ltd	**Installation Address**	Swansea University Bay Campus - Dryslwyn 1B & Nest 2, Reception - Ground Floor Tower Information Centre, Fabian Way, Crymlyn Burrows, Swansea, West Glamorgan	**Postcode**	SA1 8EN		

Distribution board details - Complete in every case

Location: 4th Floor RHS Kitchen Dryslwyn [Schneider]
Designation: DB CL17
Num. of ways: 18 Num. of phases: 1
Supply polarity confirmed: ☑ Phase sequence confirmed: ☐

Complete only if the distribution board is not connected directly to the origin of the installation

Supply to distribution board is from: Sub Mains(BB Dryslwyn, 10/L1)
Overcurrent protective device for the distribution circuit: BS(EN) 88-2 HRC Type gG Rating 63 A Voltage 230 V
Time delay (if applicable): N/A

Characteristics at this distribution board

Associated RCD(if any): BS (EN) N/A
Z_d 0.12 Ω No. of poles N/A
I_{pf} 1.77 kA IΔn N/A
Above 30mA Operating at 1 IΔn N/A ms
30mA or below Operating at 5 IΔn N/A ms
(if applicable)

Test instrument serial number(s)

Loop impedance: 100701/4664
Insulation resistance: 100701/4664
Continuity: 100701/4664
RCD: 100701/4664

CIRCUIT DETAILS / TEST RESULTS

Circuit No. and Line No.	Distribution board Designation / Circuit designation	Type of wiring	Ref. method	No. of points	Circuit conductors csa (mm²) L / N	Circuit conductors csa (mm²) CPC	Maximum disconnection	Overcurrent protective devices BS EN Number	Type No.	Rating (A)	Breaking capacity (KA)	RCD operating (mA)	BS 7671 Max. permitted Zs Other 80% (Ω)	Circuit impedance Ω Ring final circuits only (measured end-to-end) r1	rn	r2	Fig 8 check (✓)	All circuits to be completed using R1R2 or R2, not both R1 + R2	R2	Insulation resistance (Record lower reading) Test voltage V	L/L, L/N M(Ω)	L/E, N/E M(Ω)	Polarity (✓)	Max. Measured Zs (Ω)	RCD testing Above 30mA IΔn ms	30mA or below 5 IΔn ms	Manual test button operation RCD (✓)	AFDD (✓)
1/L1	Bedroom Lighting 5,6,7	A	B	12	1.5	1	0.4	61009 RCD/RCBO	C	10	10	30	1.75	N/A	N/A	N/A	N/A	0.36	N/A	250	LIM	>299	✓	0.58	26.2	22.1	✓	N/A
2/L1	Bedroom Lighting 8,9	A	B	8	1.5	1	0.4	61009 RCD/RCBO	C	10	10	30	1.75	N/A	N/A	N/A	N/A	0.44	N/A	250	LIM	>299	✓	0.62	28.0	27.9	✓	N/A
3/L1	Bedroom Lighting 1,2,3	A	B	12	1.5	1	0.4	61009 RCD/RCBO	C	10	10	30	1.75	N/A	N/A	N/A	N/A	0.48	N/A	250	LIM	>299	✓	0.67	25.2	20.5	✓	N/A
4/L1	Common Room Lighting	A	B	6	1.5	1	0.4	61009 RCD/RCBO	C	10	10	30	1.75	N/A	N/A	N/A	N/A	0.30	N/A	250	LIM	>299	✓	0.42	27.8	27.2	✓	N/A
5/L1	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
6/L1	Common Room Ring 1	A	B	8	2x2.5	2x1.5	0.4	61009 RCD/RCBO	B	32	10	30	1.09	0.29	0.29	0.44	✓	0.18	N/A	250	LIM	>299	✓	0.35	28.8	27.2	✓	N/A
7/L1	Common Room Ring 2	A	B	8	2x2.5	2x1.5	0.4	61009 RCD/RCBO	B	32	10	30	1.09	0.27	0.27	0.38	✓	0.16	N/A	250	LIM	>299	✓	0.30	27.0	27.0	✓	N/A
8/L1	Hob 1	A	B	1	10	4	0.4	61009 RCD/RCBO	B	32	10	30	1.09	N/A	N/A	N/A	LIM	0.14	N/A	250	LIM	>299	✓	0.29	28.8	27.9	✓	N/A
9/L1	Hob 2	A	B	1	10	4	0.4	61009 RCD/RCBO	B	32	10	30	1.09	N/A	N/A	N/A	N/A	0.19	N/A	250	LIM	>299	✓	0.32	28.6	27.2	✓	N/A
10/L1	Sub Mains(DB CL17/10, DB CL17/10-1)	A	B	2	2x2.5	2x1.5	5	61009 RCD/RCBO	B	32	10	30	1.09	0.32	0.32	0.40	✓	0.18	N/A	250	LIM	>299	✓	0.34	27.2	22.6	✓	N/A
11/L1	Sub Mains(DB CL17/11, DB CL17/11-1, DB CL17/11-2)	A	B	3	2x2.5	2x1.5	5	61009 RCD/RCBO	B	32	10	30	1.09	0.37	0.40	0.48	✓	0.21	N/A	250	LIM	>299	✓	0.38	26,2	28.4	✓	N/A
12/L1	Sub Mains(DB CL17/12, DB CL17/12-1, DB CL17/12-2)	A	B	3	2x2.5	2x1.5	5	61009 RCD/RCBO	B	32	10	30	1.09	0.50	0.50	0.67	✓	0.29	N/A	250	LIM	>299	✓	0.46	28.8	20.2	✓	N/A
13/L1	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
14/L1	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Details of circuits and/or installed equipment vulnerable to damage when testing

Date(s) dead testing: 29/07/2022 To: 29/07/2022

Date(s) live testing: 29/07/2022 To: 29/07/2022

Tested by: Name (capital letters): LIAM KIMBLE Position: Electrical Test Engineer Date: 29/07/2022

Signature

Wiring Types. A PVC/PVC, B PVC cables in metallic Conduit, C PVC cables in non-metallic Conduit, D PVC cables in metallic trunking, E PVC cables in non-metallic trunking, F PVC/SWA cables, G SWA/XPLE cables, H Mineral Insulated, MW Metal Work, FM Ferrous Metal, O Other
A/A1 - Single Core PVC Cables (4D1A), A/A2 - Multicore PVC Cables (4D2A), F/F1 - Single-core armoures PVC SWA Cables (4D3A), F/F2 - PVC SWA Cables (4D4A), A/A3 - PVC Twin & Earth (4D5), O/O1 - LSF single core cables 90°C rated (4E1A), O/O2 - Multi-core LSF cables 90°C rated (4E2A), G/G1 - Single-core armoured XLPE cables or 90°C rated (4E3A), G/G2 - Multi-core armoured XLPE cables or 90°C rated (4E4A), H/H1 - MICC exposed to touch (4G1A)

ELECTRICAL INSTALLATION CONDITION REPORT - Schedule of Tests

FT/EICR 110151231

for Industrial/Commercial Premises

Requirements for Electrical Installations
BS 7671:2018 (IET Wiring Regulations 18th Edition)

CIRCUIT DETAILS														TEST RESULTS																
Circuit No. and Line No.	Distribution board Designation / Circuit designation	Type of wiring	Ref. method	No. of points	Circuit conductors csa (mm²) L / N	Circuit conductors csa (mm²) CPC	Maximum disconnection	Overcurrent protective devices BS EN Number	Overcurrent protective devices Type No.	Overcurrent protective devices Rating (A)	Breaking capacity (KA)	RCD operating (mA)	BS 7671 Max. permitted Zs Other 80% (Ω)	Circuit impedance Ω Ring final circuits only (measured end-to-end) r1	rn	r2	Fig 8 check (✓)	All circuits to be completed using R1R2 or R2, not both R1 + R2	R2	Insulation resistance (Record lower reading) Test voltage V	L/L, L/N M(Ω)	L/E, N/E M(Ω)	Polarity (✓)	Max. Measured Zs (Ω)	RCD testing Above 30mA IΔn ms	30mA or below 5 IΔn ms	Manual test button operation RCD (✓)	AFDD (✓)
15/L1	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
16/L1	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
17/L1	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
18/L1	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Details of circuits and/or installed equipment vulnerable to damage when testing

Date(s) dead testing 29/07/2022 To 29/07/2022

Date(s) live testing 29/07/2022 To 29/07/2022

Tested by: Name (capital letters) LIAM KIMBLE

Position Electrical Test Engineer

Date 29/07/2022

Signature

Wiring Types. A PVC/PVC, B PVC cables in metallic Conduit, C PVC cables in non-metallic Conduit, D PVC cables in metallic trunking, E PVC cables in non-metallic trunking, F PVC/SWA cables, G SWA/XPLE cables, H Mineral Insulated, MW Metal Work, FM Ferrous Metal, O Other
A/A1 - Single Core PVC Cables (4D1A), A/A2 - Multicore PVC Cables (4D2A), F/F1 - Single-core armoures PVC SWA Cables (4D3A), F/F2 - PVC SWA Cables (4D4A), A/A3 - PVC Twin & Earth (4D5), O/O1 - LSF single core cables 90°C rated (4E1A), O/O2 - Multi-core LSF cables 90°C rated (4E2A), G/G1 - Single-core armoured XLPE cables or 90°C rated (4E3A), G/G2 - Multi-core armoured XLPE cables or 90°C rated (4E4A), H/H1 - MICC exposed to touch (4G1A)

ELECTRICAL INSTALLATION CONDITION REPORT - Schedule of Tests

for Industrial/Commercial Premises

FT/EICR 110151231

Requirements for Electrical Installations
BS 7671:2018 (IET Wiring Regulations 18th Edition)

Company Name	PHS Compliance	**Company Address**	Kid Glove Road	**Postcode**	WA3 3GR	**Branch No.**	**Scheme No.**
Client	UPP Residential Services Ltd	**Installation Address**	Swansea University Bay Campus - Dryslwyn 1B & Nest 2, Reception - Ground Floor Tower Information Centre, Fabian Way, Crymlyn Burrows, Swansea, West Glamorgan	**Postcode**	SA1 8EN		

Distribution board details - Complete in every case

Location: Room 5 Riser [Schneider]
Designation: DB CL17/10
Num. of ways: 4 Num. of phases: 1
Supply polarity confirmed: ☑ Phase sequence confirmed: ☐

Complete only if the distribution board is not connected directly to the origin of the installation

Supply to distribution board is from: Sub Mains(DB CL17, 10/L1)
Overcurrent protective device for the distribution circuit: BS(EN) 61009 RCD/RCBO Type B Rating 32 A Voltage 230 V

Characteristics at this distribution board

Associated RCD(if any): BS (EN) 61008
Z_d 0.34 Ω No. of poles 2
I_{pf} 0.69 kA IΔn 30
Time delay (if applicable) N/A
Above 30mA Operating at 1 IΔn 27.2 ms
30mA or below Operating at 5 IΔn 22.6 ms
(if applicable)

Test instrument serial number(s)

Loop impedance: 100701/4664
Insulation resistance: 100701/4664
Continuity: 100701/4664
RCD: 100701/4664

CIRCUIT DETAILS / TEST RESULTS

Circuit No. and Line No.	Distribution board Designation / Circuit designation	Type of wiring	Ref. method	No. of points	Circuit conductors csa (mm²) L / N	Circuit conductors csa (mm²) CPC	Maximum disconnection	Overcurrent protective devices BS EN Number	Type No.	Rating (A)	Breaking capacity (KA)	RCD operating (mA)	BS 7671 Max. permitted Zs Other 80% (Ω)	Circuit impedance Ω Ring final circuits only (measured end-to-end) r1	rn	r2	Fig 8 check (✓)	All circuits to be completed using R1R2 or R2, not both R1 + R2	R2	Insulation resistance (Record lower reading) Test voltage V	L/L, L/N M(Ω)	L/E, N/E M(Ω)	Polarity (✓)	Max. Measured Zs (Ω)	RCD testing Above 30mA IΔn ms	30mA or below 5 IΔn ms	Manual test button operation RCD (✓)	AFDD (✓)
1/L1	Sockets	A	B	6	2.5	1.5	0.4	60898 MCB	B	10	6	N/A	3.49	N/A	N/A	N/A	N/A	0.22	N/A	250	LIM	>299	✓	0.72	N/A	N/A	N/A	N/A
2/L1	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
3/L1	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
4/L1	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Details of circuits and/or installed equipment vulnerable to damage when testing

Date(s) dead testing: 26/07/2022 To: 26/07/2022

Date(s) live testing: 26/07/2022 To: 26/07/2022

Tested by: Name (capital letters): LIAM KIMBLE Position: Electrical Test Engineer Date: 26/07/2022

Signature:

Wiring Types. A PVC/PVC, B PVC cables in metallic Conduit, C PVC cables in non-metallic Conduit, D PVC cables in metallic trunking, E PVC cables in non-metallic trunking, F PVC/SWA cables, G SWA/XPLE cables, H Mineral Insulated, MW Metal Work, FM Ferrous Metal, O Other
A/A1 - Single Core PVC Cables (4D1A), A/A2 - Multicore PVC Cables (4D2A), F/F1 - Single-core armoures PVC SWA Cables (4D3A), F/F2 - PVC SWA Cables (4D4A), A/A3 - PVC Twin & Earth (4D5), O/O1 - LSF single core cables 90°C rated (4E1A), O/O2 - Multi-core LSF cables 90°C rated (4E2A), G/G1 - Single-core armoured XLPE cables or 90°C rated (4E3A), G/G2 - Multi-core armoured XLPE cables or 90°C rated (4E4A), H/H1 - MICC exposed to touch (4G1A)

ELECTRICAL INSTALLATION CONDITION REPORT - Schedule of Tests

for Industrial/Commercial Premises

FT/EICR 110151231

Requirements for Electrical Installations
BS 7671:2018 (IET Wiring Regulations 18th Edition)

Company Name	PHS Compliance	**Company Address**	Kid Glove Road	**Postcode**	WA3 3GR	**Branch No.**	**Scheme No.**
Client	UPP Residential Services Ltd	**Installation Address**	Swansea University Bay Campus - Dryslwyn 1B & Nest 2, Reception - Ground Floor Tower Information Centre, Fabian Way, Crymlyn Burrows, Swansea, West Glamorgan	**Postcode**	SA1 8EN		

Distribution board details - Complete in every case

Location: Room 6 Riser [Schneider]
Designation: DB CL17/10-1
Num. of ways: 4 Num. of phases: 1
Supply polarity confirmed: ☑ Phase sequence confirmed: ☐

Complete only if the distribution board is not connected directly to the origin of the installation

Supply to distribution board is from: Sub Mains(DB CL17, 10/L1)
Overcurrent protective device for the distribution circuit: BS(EN) 61009 RCD/RCBO Type B Rating 32 A Voltage 230 V

Characteristics at this distribution board

Associated RCD(if any): BS (EN) 61008
Z_d 0.34 Ω No. of poles 2
I_{pf} 0.69 kA IΔn 30
Time delay (if applicable) N/A
Above 30mA Operating at 1 IΔn 27.2 ms
30mA or below Operating at 5 IΔn 22.6 ms
(if applicable)

Test instrument serial number(s)

Loop impedance 100701/4664
Insulation resistance 100701/4664
Continuity 100701/4664
RCD 100701/4664

CIRCUIT DETAILS / TEST RESULTS

Circuit No. and Line No.	Distribution board Designation / Circuit designation	Type of wiring	Ref. method	No. of points	Circuit conductors csa (mm²) L / N	Circuit conductors csa (mm²) CPC	Maximum disconnection	Overcurrent protective devices BS EN Number	Type No.	Rating (A)	Breaking capacity (KA)	RCD operating (mA)	BS 7671 Max. permitted Zs Other 80% (Ω)	Circuit impedance Ω Ring final circuits only (measured end-to-end) r1	rn	r2	Fig 8 check (✓)	All circuits to be completed using R1R2 or R2, not both R1 + R2	R2	Insulation resistance (Record lower reading) Test voltage V	L/L, L/N M(Ω)	L/E, N/E M(Ω)	Polarity (✓)	Max. Measured Zs (Ω)	RCD testing Above 30mA IΔn ms	30mA or below 5 IΔn ms	Manual test button operation RCD (✓)	AFDD (✓)
1/L1	Sockets	A	B	6	2.5	1.5	0.4	60898 MCB	B	10	6	N/A	3.49	N/A	N/A	N/A	N/A	0.19	N/A	250	LIM	>299	✓	0.55	N/A	N/A	N/A	N/A
2/L1	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
3/L1	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
4/L1	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Details of circuits and/or installed equipment vulnerable to damage when testing

Date(s) dead testing 26/07/2022 To 26/07/2022

Date(s) live testing 26/07/2022 To 26/07/2022

Tested by: Name (capital letters) LIAM KIMBLE Position Electrical Test Engineer Date 26/07/2022

Signature

Wiring Types. A PVC/PVC, B PVC cables in metallic Conduit, C PVC cables in non-metallic Conduit, D PVC cables in metallic trunking, E PVC cables in non-metallic trunking, F PVC/SWA cables, G SWA/XPLE cables, H Mineral Insulated, MW Metal Work, FM Ferrous Metal, O Other
A/A1 - Single Core PVC Cables (4D1A), A/A2 - Multicore PVC Cables (4D2A), F/F1 - Single-core armoures PVC SWA Cables (4D3A), F/F2 - PVC SWA Cables (4D4A), A/A3 - PVC Twin & Earth (4D5), O/O1 - LSF single core cables 90°C rated (4E1A), O/O2 - Multi-core LSF cables 90°C rated (4E2A), G/G1 - Single-core armoured XLPE cables or 90°C rated (4E3A), G/G2 - Multi-core armoured XLPE cables or 90°C rated (4E4A), H/H1 - MICC exposed to touch (4G1A)

ELECTRICAL INSTALLATION CONDITION REPORT - Schedule of Tests

for Industrial/Commercial Premises

FT/EICR 110151231

Requirements for Electrical Installations
BS 7671:2018 (IET Wiring Regulations 18th Edition)

Company Name	PHS Compliance	**Company Address**	Kid Glove Road	**Postcode**	WA3 3GR	**Branch No.**	**Scheme No.**
Client	UPP Residential Services Ltd	**Installation Address**	Swansea University Bay Campus - Dryslwyn 1B & Nest 2, Reception - Ground Floor Tower Information Centre, Fabian Way, Crymlyn Burrows, Swansea, West Glamorgan	**Postcode**	SA1 8EN		

Distribution board details - Complete in every case

Location: Room7 Riser [Schneider]
Designation: DB CL17/11
Num. of ways: 4 Num. of phases: 1
Supply polarity confirmed: ☑ Phase sequence confirmed: ☐

Complete only if the distribution board is not connected directly to the origin of the installation

Supply to distribution board is from: Sub Mains(DB CL17, 11/L1)
Overcurrent protective device for the distribution circuit: BS(EN) 61009 RCD/RCBO Type B Rating 32 A Voltage 230 V

Characteristics at this distribution board

Associated RCD(if any): BS (EN) 61008
Z_d 0.38 Ω No. of poles 2
I_{pf} 0.58 kA IΔn 30
Time delay (if applicable) N/A
Operating at 1 IΔn Above 30mA 26,2 ms
Operating at 5 IΔn 30mA or below 28.4 ms
(if applicable)

Test instrument serial number(s)

Loop impedance 100701/4664
Insulation resistance 100701/4664
Continuity 100701/4664
RCD 100701/4664

CIRCUIT DETAILS / TEST RESULTS

Circuit No. and Line No.	Distribution board Designation / Circuit designation	Type of wiring	Ref. method	No. of points	Circuit conductors csa (mm²) L / N	Circuit conductors csa (mm²) CPC	Maximum disconnection	Overcurrent protective devices BS EN Number	Type No.	Rating (A)	Breaking capacity (KA)	RCD operating (mA)	BS 7671 Max. permitted Zs Other 80% (Ω)	Circuit impedance Ω Ring final circuits only (measured end-to-end) r1	rn	r2	Fig 8 check (✓)	All circuits to be completed using R1R2 or R2, not both R1 + R2	R2	Insulation resistance (Record lower reading) Test voltage V	L/L, L/N M(Ω)	L/E, N/E M(Ω)	Polarity (✓)	Max. Measured Zs (Ω)	RCD testing Above 30mA IΔn ms	30mA or below 5 IΔn ms	Manual test button operation RCD (✓)	AFDD (✓)
1/L1	Sockets	A	B	6	2.5	1.5	0.4	60898 MCB	B	10	6	N/A	3.49	N/A	N/A	N/A	N/A	0.22	N/A	250	LIM	>299	✓	0.70	N/A	N/A	N/A	N/A
2/L1	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
3/L1	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
4/L1	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Details of circuits and/or installed equipment vulnerable to damage when testing

Date(s) dead testing 26/07/2022 To 26/07/2022

Date(s) live testing 26/07/2022 To 26/07/2022

Tested by: Name (capital letters) LIAM KIMBLE Position Electrical Test Engineer Date 26/07/2022

Signature

Wiring Types. A PVC/PVC, B PVC cables in metallic Conduit, C PVC cables in non-metallic Conduit, D PVC cables in metallic trunking, E PVC cables in non-metallic trunking, F PVC/SWA cables, G SWA/XPLE cables, H Mineral Insulated, MW Metal Work, FM Ferrous Metal, O Other
A/A1 - Single Core PVC Cables (4D1A), A/A2 - Multicore PVC Cables (4D2A), F/F1 - Single-core armoures PVC SWA Cables (4D3A), F/F2 - PVC SWA Cables (4D4A), A/A3 - PVC Twin & Earth (4D5), O/O1 - LSF single core cables 90°C rated (4E1A), O/O2 - Multi-core LSF cables 90°C rated (4E2A), G/G1 - Single-core armoured XLPE cables or 90°C rated (4E3A), G/G2 - Multi-core armoured XLPE cables or 90°C rated (4E4A), H/H1 - MICC exposed to touch (4G1A)

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Company Name	PHS Compliance	**Company Address**	Kid Glove Road	**Postcode**	WA3 3GR	**Branch No.**	**Scheme No.**
Client	UPP Residential Services Ltd	**Installation Address**	Swansea University Bay Campus - Dryslwyn 1B & Nest 2, Reception - Ground Floor Tower Information Centre, Fabian Way, Crymlyn Burrows, Swansea, West Glamorgan	**Postcode**	SA1 8EN		

Distribution board details - Complete in every case

Location: Room 8 Riser [Schneider]
Designation: DB CL17/11-1
Num. of ways: 4 Num. of phases: 1
Supply polarity confirmed: ☑ Phase sequence confirmed: ☐

Complete only if the distribution board is not connected directly to the origin of the installation

Supply to distribution board is from: Sub Mains(DB CL17, 11/L1)
Overcurrent protective device for the distribution circuit: BS(EN) 61009 RCD/RCBO Type B Rating 32 A Voltage 230 V

Characteristics at this distribution board

Associated RCD(if any): BS (EN) 61008
Z_d 0.38 Ω No. of poles 2
I_{pf} 0.58 kA IΔn 30
Time delay (if applicable) N/A
Operating at 1 IΔn: Above 30mA 26,2 ms
Operating at 5 IΔn: 30mA or below 28.4 ms
(if applicable)

Test instrument serial number(s)

Loop impedance: 100701/4664
Insulation resistance: 100701/4664
Continuity: 100701/4664
RCD: 100701/4664

CIRCUIT DETAILS / TEST RESULTS

Circuit No. and Line No.	Distribution board Designation / Circuit designation	Type of wiring	Ref. method	No. of points	Circuit conductors csa (mm²) L / N	Circuit conductors csa (mm²) CPC	Maximum disconnection	Overcurrent protective devices BS EN Number	Type No.	Rating (A)	Breaking capacity (KA)	RCD operating (mA)	BS 7671 Max. permitted Zs Other 80% (Ω)	Circuit impedance Ω Ring final circuits only (measured end-to-end) r1	rn	r2	Fig 8 check (✓)	All circuits to be completed using R1R2 or R2, not both R1 + R2	R2	Insulation resistance (Record lower reading) Test voltage V	L/L, L/N M(Ω)	L/E, N/E M(Ω)	Polarity (✓)	Max. Measured Zs (Ω)	RCD testing Above 30mA IΔn ms	30mA or below 5 IΔn ms	Manual test button operation RCD (✓)	AFDD (✓)
1/L1	Sockets	A	B	6	2.5	1.5	0.4	60898 MCB	B	10	6	N/A	3.49	N/A	N/A	N/A	N/A	0.14	N/A	250	LIM	>299	✓	0.66	N/A	N/A	N/A	N/A
2/L1	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
3/L1	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
4/L1	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Details of circuits and/or installed equipment vulnerable to damage when testing

Date(s) dead testing: 26/07/2022 To 26/07/2022

Date(s) live testing: 26/07/2022 To 26/07/2022

Tested by: Name (capital letters): LIAM KIMBLE Position: Electrical Test Engineer Date: 26/07/2022

Signature:

Wiring Types. A PVC/PVC, B PVC cables in metallic Conduit, C PVC cables in non-metallic Conduit, D PVC cables in metallic trunking, E PVC cables in non-metallic trunking, F PVC/SWA cables, G SWA/XPLE cables, H Mineral Insulated, MW Metal Work, FM Ferrous Metal, O Other
A/A1 - Single Core PVC Cables (4D1A), A/A2 - Multicore PVC Cables (4D2A), F/F1 - Single-core armoures PVC SWA Cables (4D3A), F/F2 - PVC SWA Cables (4D4A), A/A3 - PVC Twin & Earth (4D5), O/O1 - LSF single core cables 90°C rated (4E1A), O/O2 - Multi-core LSF cables 90°C rated (4E2A), G/G1 - Single-core armoured XLPE cables or 90°C rated (4E3A), G/G2 - Multi-core armoured XLPE cables or 90°C rated (4E4A), H/H1 - MICC exposed to touch (4G1A)

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Client	UPP Residential Services Ltd	**Installation Address**	Swansea University Bay Campus - Dryslwyn 1B & Nest 2, Reception - Ground Floor Tower Information Centre, Fabian Way, Crymlyn Burrows, Swansea, West Glamorgan	**Postcode**	SA1 8EN		

Distribution board details - Complete in every case

Location: Room 9 Riser [Schneider]
Designation: DB CL17/11-2
Num. of ways: 4 Num. of phases: 1
Supply polarity confirmed: ☑ Phase sequence confirmed: ☐

Complete only if the distribution board is not connected directly to the origin of the installation

Supply to distribution board is from: Sub Mains(DB CL17, 11/L1)
Overcurrent protective device for the distribution circuit: BS(EN) 61009 RCD/RCBO Type B Rating 32 A Voltage 230 V

Characteristics at this distribution board

Associated RCD(if any): BS (EN) 61008
Z_d 0.38 Ω No. of poles 2
I_{pf} 0.58 kA IΔn 30
Time delay (if applicable) N/A
Operating at 1 IΔn: Above 30mA 26,2 ms
Operating at 5 IΔn: 30mA or below 28.4 ms
(if applicable)

Test instrument serial number(s)

Loop impedance: 100701/4664
Insulation resistance: 100701/4664
Continuity: 100701/4664
RCD: 100701/4664

CIRCUIT DETAILS / TEST RESULTS

Circuit No. and Line No.	Distribution board Designation / Circuit designation	Type of wiring	Ref. method	No. of points	Circuit conductors csa (mm²) L / N	Circuit conductors csa (mm²) CPC	Maximum disconnection	Overcurrent protective devices BS EN Number	Type No.	Rating (A)	Breaking capacity (KA)	RCD operating (mA)	BS 7671 Max. permitted Zs Other 80% (Ω)	Circuit impedance Ω Ring final circuits only (measured end-to-end) r1	rn	r2	Fig 8 check (✓)	All circuits to be completed using R1R2 or R2, not both R1 + R2	R2	Insulation resistance (Record lower reading) Test voltage V	L/L, L/N M(Ω)	L/E, N/E M(Ω)	Polarity (✓)	Max. Measured Zs (Ω)	RCD testing Above 30mA IΔn ms	30mA or below 5 IΔn ms	Manual test button operation RCD (✓)	AFDD (✓)
1/L1	Sockets	A	B	6	2.5	1.5	0.4	60898 MCB	B	10	6	N/A	3.49	N/A	N/A	N/A	N/A	0.19	N/A	250	LIM	>299	✓	0.66	N/A	N/A	N/A	N/A
2/L1	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
3/L1	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
4/L1	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Details of circuits and/or installed equipment vulnerable to damage when testing

Date(s) dead testing: 26/07/2022 To 26/07/2022

Date(s) live testing: 26/07/2022 To 26/07/2022

Tested by: Name (capital letters): LIAM KIMBLE Position: Electrical Test Engineer Date: 26/07/2022

Signature:

Wiring Types. A PVC/PVC, B PVC cables in metallic Conduit, C PVC cables in non-metallic Conduit, D PVC cables in metallic trunking, E PVC cables in non-metallic trunking, F PVC/SWA cables, G SWA/XPLE cables, H Mineral Insulated, MW Metal Work, FM Ferrous Metal, O Other
A/A1 - Single Core PVC Cables (4D1A), A/A2 - Multicore PVC Cables (4D2A), F/F1 - Single-core armoures PVC SWA Cables (4D3A), F/F2 - PVC SWA Cables (4D4A), A/A3 - PVC Twin & Earth (4D5), O/O1 - LSF single core cables 90°C rated (4E1A), O/O2 - Multi-core LSF cables 90°C rated (4E2A), G/G1 - Single-core armoured XLPE cables or 90°C rated (4E3A), G/G2 - Multi-core armoured XLPE cables or 90°C rated (4E4A), H/H1 - MICC exposed to touch (4G1A)

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Company Name	PHS Compliance	**Company Address**	Kid Glove Road	**Postcode**	WA3 3GR	**Branch No.**	**Scheme No.**
Client	UPP Residential Services Ltd	**Installation Address**	Swansea University Bay Campus - Dryslwyn 1B & Nest 2, Reception - Ground Floor Tower Information Centre, Fabian Way, Crymlyn Burrows, Swansea, West Glamorgan	**Postcode**	SA1 8EN		

Distribution board details - Complete in every case

Location: Room 1 Riser [Schneider]
Designation: DB CL17/12
Num. of ways: 4 Num. of phases: 1
Supply polarity confirmed: ☑ Phase sequence confirmed: ☐

Complete only if the distribution board is not connected directly to the origin of the installation

Supply to distribution board is from: Sub Mains(DB CL17, 12/L1)
Overcurrent protective device for the distribution circuit: BS(EN) 61009 RCD/RCBO Type B Rating 32 A Voltage 230 V

Characteristics at this distribution board

Associated RCD(if any): BS (EN) 61008
Z_d 0.46 Ω No. of poles 2
I_{pf} 0.5 kA IΔn 30
Time delay (if applicable) N/A
Above 30mA Operating at 1 IΔn 28.8 ms
30mA or below Operating at 5 IΔn 20.2 ms
(if applicable)

Test instrument serial number(s)

Loop impedance 100701/4664
Insulation resistance 100701/4664
Continuity 100701/4664
RCD 100701/4664

CIRCUIT DETAILS / TEST RESULTS

Circuit No. and Line No.	Distribution board Designation / Circuit designation	Type of wiring	Ref. method	No. of points	Circuit conductors csa (mm²) L / N	Circuit conductors csa (mm²) CPC	Maximum disconnection	Overcurrent protective devices BS EN Number	Type No.	Rating (A)	Breaking capacity (KA)	RCD operating (mA)	BS 7671 Max. permitted Zs Other 80% (Ω)	Circuit impedance Ω Ring final circuits only (measured end-to-end) r1	rn	r2	Fig 8 check (✓)	All circuits to be completed using R1R2 or R2, not both R1 + R2	R2	Insulation resistance (Record lower reading) Test voltage V	L/L, L/N M(Ω)	L/E, N/E M(Ω)	Polarity (✓)	Max. Measured Zs (Ω)	RCD testing Above 30mA IΔn ms	30mA or below 5 IΔn ms	Manual test button operation RCD (✓)	AFDD (✓)
1/L1	Sockets	A	B	6	2.5	1.5	0.4	60898 MCB	B	10	6	N/A	3.49	N/A	N/A	N/A	N/A	0.14	N/A	250	LIM	>299	✓	0.62	N/A	N/A	N/A	N/A
2/L1	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
3/L1	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
4/L1	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Details of circuits and/or installed equipment vulnerable to damage when testing

Date(s) dead testing 26/07/2022 To 26/07/2022

Date(s) live testing 26/07/2022 To 26/07/2022

Tested by: Name (capital letters) LIAM KIMBLE Position Electrical Test Engineer Date 26/07/2022

Signature

Wiring Types. A PVC/PVC, B PVC cables in metallic Conduit, C PVC cables in non-metallic Conduit, D PVC cables in metallic trunking, E PVC cables in non-metallic trunking, F PVC/SWA cables, G SWA/XPLE cables, H Mineral Insulated, MW Metal Work, FM Ferrous Metal, O Other
A/A1 - Single Core PVC Cables (4D1A), A/A2 - Multicore PVC Cables (4D2A), F/F1 - Single-core armoures PVC SWA Cables (4D3A), F/F2 - PVC SWA Cables (4D4A), A/A3 - PVC Twin & Earth (4D5), O/O1 - LSF single core cables 90°C rated (4E1A), O/O2 - Multi-core LSF cables 90°C rated (4E2A), G/G1 - Single-core armoured XLPE cables or 90°C rated (4E3A), G/G2 - Multi-core armoured XLPE cables or 90°C rated (4E4A), H/H1 - MICC exposed to touch (4G1A)

ELECTRICAL INSTALLATION CONDITION REPORT - Schedule of Tests

for Industrial/Commercial Premises

FT/EICR 110151231

Requirements for Electrical Installations
BS 7671:2018 (IET Wiring Regulations 18th Edition)

Company Name	PHS Compliance	**Company Address**	Kid Glove Road	**Postcode**	WA3 3GR	**Branch No.**	**Scheme No.**
Client	UPP Residential Services Ltd	**Installation Address**	Swansea University Bay Campus - Dryslwyn 1B & Nest 2, Reception - Ground Floor Tower Information Centre, Fabian Way, Crymlyn Burrows, Swansea, West Glamorgan	**Postcode**	SA1 8EN		

Distribution board details - Complete in every case

Location: Room 2 Riser [Schneider]
Designation: DB CL17/12-1
Num. of ways: 4 Num. of phases: 1
Supply polarity confirmed: ☑ Phase sequence confirmed: ☐

Complete only if the distribution board is not connected directly to the origin of the installation

Supply to distribution board is from: Sub Mains(DB CL17, 12/L1)
Overcurrent protective device for the distribution circuit: BS(EN) 61009 RCD/RCBO Type B Rating 32 A Voltage 230 V

Characteristics at this distribution board

Associated RCD(if any): BS (EN) 61008
Z_d 0.46 Ω No. of poles 2
I_{pf} 0.50 kA IΔn 30
Time delay (if applicable) N/A
Operating at 1 IΔn: Above 30mA 28.8 ms
Operating at 5 IΔn: 30mA or below 20.2 ms
(if applicable)

Test instrument serial number(s)

Loop impedance: 100701/4664
Insulation resistance: 100701/4664
Continuity: 100701/4664
RCD: 100701/4664

CIRCUIT DETAILS / TEST RESULTS

Circuit No. and Line No.	Distribution board Designation / Circuit designation	Type of wiring	Ref. method	No. of points	Circuit conductors csa (mm²) L / N	Circuit conductors csa (mm²) CPC	Maximum disconnection	Overcurrent protective devices BS EN Number	Type No.	Rating (A)	Breaking capacity (KA)	RCD operating (mA)	BS 7671 Max. permitted Zs Other 80% (Ω)	Circuit impedance Ω Ring final circuits only (measured end-to-end) r1	rn	r2	Fig 8 check (✓)	All circuits to be completed using R1R2 or R2, not both R1 + R2	R2	Insulation resistance (Record lower reading) Test voltage V	L/L, L/N M(Ω)	L/E, N/E M(Ω)	Polarity (✓)	Max. Measured Zs (Ω)	RCD testing Above 30mA IΔn ms	30mA or below 5 IΔn ms	Manual test button operation RCD (✓)	AFDD (✓)
1/L1	Sockets	A	B	6	2.5	1.5	0.4	60898 MCB	B	10	6	N/A	3.49	N/A	N/A	N/A	N/A	0.17	N/A	250	LIM	>299	✓	0.68	N/A	N/A	N/A	N/A
2/L1	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
3/L1	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
4/L1	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Details of circuits and/or installed equipment vulnerable to damage when testing

Date(s) dead testing: 26/07/2022 To 26/07/2022

Date(s) live testing: 26/07/2022 To 26/07/2022

Tested by: Name (capital letters): LIAM KIMBLE Position: Electrical Test Engineer Date: 26/07/2022

Signature:

Wiring Types. A PVC/PVC, B PVC cables in metallic Conduit, C PVC cables in non-metallic Conduit, D PVC cables in metallic trunking, E PVC cables in non-metallic trunking, F PVC/SWA cables, G SWA/XPLE cables, H Mineral Insulated, MW Metal Work, FM Ferrous Metal, O Other
A/A1 - Single Core PVC Cables (4D1A), A/A2 - Multicore PVC Cables (4D2A), F/F1 - Single-core armoures PVC SWA Cables (4D3A), F/F2 - PVC SWA Cables (4D4A), A/A3 - PVC Twin & Earth (4D5), O/O1 - LSF single core cables 90°C rated (4E1A), O/O2 - Multi-core LSF cables 90°C rated (4E2A), G/G1 - Single-core armoured XLPE cables or 90°C rated (4E3A), G/G2 - Multi-core armoured XLPE cables or 90°C rated (4E4A), H/H1 - MICC exposed to touch (4G1A)

ELECTRICAL INSTALLATION CONDITION REPORT - Schedule of Tests

for Industrial/Commercial Premises

FT/EICR 110151231

Requirements for Electrical Installations
BS 7671:2018 (IET Wiring Regulations 18th Edition)

Company Name	PHS Compliance	**Company Address**	Kid Glove Road	**Postcode**	WA3 3GR	**Branch No.**	**Scheme No.**
Client	UPP Residential Services Ltd	**Installation Address**	Swansea University Bay Campus - Dryslwyn 1B & Nest 2, Reception - Ground Floor Tower Information Centre, Fabian Way, Crymlyn Burrows, Swansea, West Glamorgan	**Postcode**	SA1 8EN		

Distribution board details - Complete in every case

Location: Room 3 Riser [Schneider]
Designation: DB CL17/12-2
Num. of ways: 4 Num. of phases: 1
Supply polarity confirmed: ☑ Phase sequence confirmed: ☐

Complete only if the distribution board is not connected directly to the origin of the installation

Supply to distribution board is from: Sub Mains(DB CL17, 12/L1)
Overcurrent protective device for the distribution circuit: BS(EN) 61009 RCD/RCBO Type B Rating 32 A Voltage 230 V

Characteristics at this distribution board

Associated RCD(if any): BS (EN) 61008
Z_d 0.46 Ω No. of poles 2
I_{pf} 0.50 kA IΔn 30
Time delay (if applicable) N/A
Operating at 1 IΔn: Above 30mA 28.8 ms
Operating at 5 IΔn: 30mA or below 20.2 ms
(if applicable)

Test instrument serial number(s)

Loop impedance: 100701/4664
Insulation resistance: 100701/4664
Continuity: 100701/4664
RCD: 100701/4664

CIRCUIT DETAILS / TEST RESULTS

Circuit No. and Line No.	Distribution board Designation / Circuit designation	Type of wiring	Ref. method	No. of points	Circuit conductors csa (mm²) L / N	Circuit conductors csa (mm²) CPC	Maximum disconnection	Overcurrent protective devices BS EN Number	Type No.	Rating (A)	Breaking capacity (KA)	RCD operating (mA)	BS 7671 Max. permitted Zs Other 80% (Ω)	Circuit impedance Ω Ring final circuits only (measured end-to-end) r1	rn	r2	Fig 8 check (✓)	All circuits to be completed using R1R2 or R2, not both R1 + R2	R2	Insulation resistance (Record lower reading) Test voltage V	L/L, L/N M(Ω)	L/E, N/E M(Ω)	Polarity (✓)	Max. Measured Zs (Ω)	RCD testing Above 30mA IΔn ms	30mA or below 5 IΔn ms	Manual test button operation RCD (✓)	AFDD (✓)
1/L1	Sockets	A	B	6	2.5	1.5	0.4	60898 MCB	B	10	6	N/A	3.49	N/A	N/A	N/A	N/A	0.16	N/A	250	LIM	>299	✓	0.68	N/A	N/A	N/A	N/A
2/L1	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
3/L1	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
4/L1	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Details of circuits and/or installed equipment vulnerable to damage when testing

Date(s) dead testing: 26/07/2022 To 26/07/2022

Date(s) live testing: 26/07/2022 To 26/07/2022

Tested by: Name (capital letters): LIAM KIMBLE Position: Electrical Test Engineer Date: 26/07/2022

Signature:

Wiring Types. A PVC/PVC, B PVC cables in metallic Conduit, C PVC cables in non-metallic Conduit, D PVC cables in metallic trunking, E PVC cables in non-metallic trunking, F PVC/SWA cables, G SWA/XPLE cables, H Mineral Insulated, MW Metal Work, FM Ferrous Metal, O Other
A/A1 - Single Core PVC Cables (4D1A), A/A2 - Multicore PVC Cables (4D2A), F/F1 - Single-core armoures PVC SWA Cables (4D3A), F/F2 - PVC SWA Cables (4D4A), A/A3 - PVC Twin & Earth (4D5), O/O1 - LSF single core cables 90°C rated (4E1A), O/O2 - Multi-core LSF cables 90°C rated (4E2A), G/G1 - Single-core armoured XLPE cables or 90°C rated (4E3A), G/G2 - Multi-core armoured XLPE cables or 90°C rated (4E4A), H/H1 - MICC exposed to touch (4G1A)

ELECTRICAL INSTALLATION CONDITION REPORT - Schedule of Tests

for Industrial/Commercial Premises

FT/EICR 110151231

Requirements for Electrical Installations
BS 7671:2018 (IET Wiring Regulations 18th Edition)

Company Name	PHS Compliance	**Company Address**	Kid Glove Road	**Postcode**	WA3 3GR	**Branch No.**	**Scheme No.**
Client	UPP Residential Services Ltd	**Installation Address**	Swansea University Bay Campus - Dryslwyn 1B & Nest 2, Reception - Ground Floor Tower Information Centre, Fabian Way, Crymlyn Burrows, Swansea, West Glamorgan	**Postcode**	SA1 8EN		

Distribution board details - Complete in every case

Location: Flat 14 Kitchen (Schneider)
Designation: DB CL12
Num. of ways: 18 Num. of phases: 1
Supply polarity confirmed: ☑ Phase sequence confirmed: ☐

Complete only if the distribution board is not connected directly to the origin of the installation

Supply to distribution board is from: Sub Mains(BB Dryslwyn, 6/L3)
Overcurrent protective device for the distribution circuit: BS(EN) 88-2 HRC gG Type gG Rating 63 A Voltage 230 V
Time delay (if applicable) NA

Characteristics at this distribution board

Associated RCD(if any): BS (EN) N/A
Z_d 0.09 Ω No. of poles N/A
I_{pf} 2.50 kA IΔn N/A
Operating at 1 IΔn Above 30mA NA ms
30mA or below
Operating at 5 IΔn NA ms
(if applicable)

Test instrument serial number(s)

Loop impedance 100701/4664
Insulation resistance 100701/4664
Continuity 100701/4664
RCD 100701/4664

CIRCUIT DETAILS / TEST RESULTS

Circuit No. and Line No.	Distribution board Designation / Circuit designation	Type of wiring	Ref. method	No. of points	Circuit conductors csa (mm²) L / N	Circuit conductors csa (mm²) CPC	Maximum disconnection	Overcurrent protective devices BS EN Number	Type No.	Rating (A)	Breaking capacity (KA)	RCD operating (mA)	BS 7671 Max. permitted Zs Other 80% (Ω)	Circuit impedance Ω: Ring final circuits only (measured end-to-end) r1	rn	r2	Fig 8 check (✓)	All circuits to be completed using R1R2 or R2, not both: R1 + R2	R2	Insulation resistance (Record lower reading): Test voltage V	L/L, L/N M(Ω)	L/E, N/E M(Ω)	Polarity (✓)	Max. Measured Zs (Ω)	RCD testing: Above 30mA IΔn ms	30mA or below 5 IΔn ms	Manual test button operation: RCD (✓)	AFDD (✓)
1/L3	Bedroom Lights 7,8	A	E	10	1.5	1	0.4	61009 RCD/RCBO	C	10	10	30	1.75	N/A	N/A	N/A	N/A	0.40	N/A	250	LIM	>299	✓	0.50	28.7	29.7	✓	N/A
2/L3	Bedroom Lights 5,6	A	E	10	1.5	1	0.4	61009 RCD/RCBO	C	10	10	30	1.75	N/A	N/A	N/A	N/A	0.38	N/A	250	LIM	>299	✓	0.49	28.7	28.6	✓	N/A
3/L3	Bedroom Lights 1,2	A	E	10	1.5	1	0.4	61009 RCD/RCBO	C	10	10	30	1.75	N/A	N/A	N/A	N/A	0.26	N/A	250	LIM	>299	✓	0.37	29.7	28.6	✓	N/A
4/L3	Bedroom Lights 3,4	A	E	10	1.5	1	0.4	61009 RCD/RCBO	C	10	10	30	1.75	N/A	N/A	N/A	N/A	0.29	N/A	250	LIM	>299	✓	0.40	28.7	29.6	✓	N/A
5/L3	Common Room Lights	A	E	6	1.5	1	0.4	61009 RCD/RCBO	C	10	10	30	1.75	N/A	N/A	N/A	N/A	0.12	N/A	250	LIM	>299	✓	0.25	28.7	28.7	✓	N/A
6/L3	Common Room Ring 1	A	E	3	2x2.5	2x1.5	0.4	61009 RCD/RCBO	B	32	10	30	1.09	0.28	0.25	0.42	✓	0.17	N/A	250	LIM	>299	✓	0.24	28.7	29.6	✓	N/A
7/L3	Common Room Ring 2	A	E	5	2x2.5	2x1.5	0.4	61009 RCD/RCBO	B	32	10	30	1.09	0.33	0.35	0.60	✓	0.23	N/A	250	LIM	>299	✓	0.26	29.7	28.7	✓	N/A
8/L3	Common Room Cooker 1	A	E	1	10	4	0.4	61009 RCD/RCBO	B	32	10	30	1.09	N/A	N/A	N/A	N/A	0.05	N/A	250	LIM	>299	✓	0.17	28.7	29.7	✓	N/A
9/L3	Common Room Cooker 2	A	E	1	10	4	0.4	61009 RCD/RCBO	B	32	10	30	1.09	N/A	N/A	N/A	N/A	0.04	N/A	250	LIM	>299	✓	0.16	29.7	37.6	✓	N/A
10/L3	Sub Mains(DB CL12/10, DB CL12/10-1)	A	E	8	2x2.5	2x1.5	5	61009 RCD/RCBO	B	32	10	30	1.09	0.31	0.31	0.53	✓	0.21	N/A	250	LIM	>299	✓	0.33	29.7	28.7	✓	N/A
11/L3	Sub Mains(DB CL12/11, DB CL12/11-1)	A	E	9	2x2.5	2x1.5	5	61009 RCD/RCBO	B	32	10	30	1.09	0.40	0.41	0.63	✓	0.25	N/A	250	LIM	>299	✓	0.35	28.7	29.7	✓	N/A
12/L3	Sub Mains(DB CL12/12, DB CL12/12-1)	A	E	8	2x2.5	2x1.5	5	61009 RCD/RCBO	B	32	10	30	1.09	0.42	0.42	0.66	✓	0.26	N/A	250	LIM	>299	✓	0.36	28.7	29.7	✓	N/A
13/L3	Sub Mains(DB CL12/13, DB CL12/13-1)	A	E	8	2x2.5	2x1.5	5	61009 RCD/RCBO	B	32	10	30	1.09	0.48	0.49	0.72	✓	0.30	N/A	250	LIM	>299	✓	0.42	28.7	28.7	✓	N/A

Details of circuits and/or installed equipment vulnerable to damage when testing

Date(s) dead testing 29/07/2022 To 29/07/2022

Date(s) live testing 29/07/2022 To 29/07/2022

Signature

Tested by: Name (capital letters) LIAM KIMBLE Position Electrical Test Engineer Date 29/07/2022

Wiring Types. A PVC/PVC, B PVC cables in metallic Conduit, C PVC cables in non-metallic Conduit, D PVC cables in metallic trunking, E PVC cables in non-metallic trunking, F PVC/SWA cables, G SWA/XPLE cables, H Mineral Insulated, MW Metal Work, FM Ferrous Metal, O Other
A/A1 - Single Core PVC Cables (4D1A), A/A2 - Multicore PVC Cables (4D2A), F/F1 - Single-core armoures PVC SWA Cables (4D3A), F/F2 - PVC SWA Cables (4D4A), A/A3 - PVC Twin & Earth (4D5), O/O1 - LSF single core cables 90°C rated (4E1A), O/O2 - Multi-core LSF cables 90°C rated (4E2A), G/G1 - Single-core armoured XLPE cables or 90°C rated (4E3A), G/G2 - Multi-core armoured XLPE cables or 90°C rated (4E4A), H/H1 - MICC exposed to touch (4G1A)

ELECTRICAL INSTALLATION CONDITION REPORT - Schedule of Tests

FT/EICR 110151231

for Industrial/Commercial Premises

Requirements for Electrical Installations
BS 7671:2018 (IET Wiring Regulations 18th Edition)

CIRCUIT DETAILS														TEST RESULTS																	
Circuit No. and Line No.	Distribution board Designation / Circuit designation	Type of wiring	Ref. method	No. of points	Circuit conductors csa (mm²) L / N	Circuit conductors csa (mm²) CPC	Maximum disconnection	Overcurrent protective devices BS EN Number	Overcurrent protective devices Type No.	Overcurrent protective devices Rating (A)	Breaking capacity (KA)	RCD operating (mA)	BS 7671 Max. permitted Zs Other 80% (Ω)	Circuit impedance Ω Ring final circuits only (measured end-to-end) r1	rn	r2	Fig 8 check (✓)	All circuits to be completed using R1R2 or R2, not both R1 + R2	R2	Insulation resistance (Record lower reading) Test voltage V	L/L, L/N M(Ω)	L/E, N/E M(Ω)	Polarity (✓)	Max. Measured Zs (Ω)	RCD testing Above 30mA IΔn ms	30mA or below 5 IΔn ms	Manual test button operation RCD (✓)	AFDD (✓)
14/L3	SPARE													N/A	N/A	N/A	N/A						N/A				N/A	N/A
15/L3	SPARE													N/A	N/A	N/A	N/A						N/A				N/A	N/A
16/L3	SPARE													N/A	N/A	N/A	N/A						N/A				N/A	N/A
17/L3	SPARE													N/A	N/A	N/A	N/A						N/A				N/A	N/A
18/L3	SPARE													N/A	N/A	N/A	N/A						N/A				N/A	N/A

Details of circuits and/or installed equipment vulnerable to damage when testing

Date(s) dead testing 29/07/2022 To 29/07/2022

Date(s) live testing 29/07/2022 To 29/07/2022

Tested by: Name (capital letters) LIAM KIMBLE

Position Electrical Test Engineer

Date 29/07/2022

Signature

Wiring Types. A PVC/PVC, B PVC cables in metallic Conduit, C PVC cables in non-metallic Conduit, D PVC cables in metallic trunking, E PVC cables in non-metallic trunking, F PVC/SWA cables, G SWA/XPLE cables, H Mineral Insulated, MW Metal Work, FM Ferrous Metal, O Other
A/A1 - Single Core PVC Cables (4D1A), A/A2 - Multicore PVC Cables (4D2A), F/F1 - Single-core armoures PVC SWA Cables (4D3A), F/F2 - PVC SWA Cables (4D4A), A/A3 - PVC Twin & Earth (4D5), O/O1 - LSF single core cables 90°C rated (4E1A), O/O2 - Multi-core LSF cables 90°C rated (4E2A), G/G1 - Single-core armoured XLPE cables or 90°C rated (4E3A), G/G2 - Multi-core armoured XLPE cables or 90°C rated (4E4A), H/H1 - MICC exposed to touch (4G1A)

ELECTRICAL INSTALLATION CONDITION REPORT - Schedule of Tests

for Industrial/Commercial Premises

FT/EICR 110151231

Requirements for Electrical Installations
BS 7671:2018 (IET Wiring Regulations 18th Edition)

Company Name	PHS Compliance	**Company Address**	Kid Glove Road	**Postcode**	WA3 3GR	**Branch No.**	**Scheme No.**
Client	UPP Residential Services Ltd	**Installation Address**	Swansea University Bay Campus - Dryslwyn 1B & Nest 2, Reception - Ground Floor Tower Information Centre, Fabian Way, Crymlyn Burrows, Swansea, West Glamorgan	**Postcode**	SA1 8EN		

Distribution board details - Complete in every case

Location: Room 7 Riser [Schneider]
Designation: DB CL12/10
Num. of ways: 4 Num. of phases: 1
Supply polarity confirmed: ☑ Phase sequence confirmed: ☐

Complete only if the distribution board is not connected directly to the origin of the installation

Supply to distribution board is from: Sub Mains(DB CL12, 10/L3)
Overcurrent protective device for the distribution circuit: BS(EN) 61009 RCD/RCBO Type B Rating 32 A Voltage 230 V

Characteristics at this distribution board

Associated RCD(if any): BS (EN) 61008
Z_d 0.33 Ω No. of poles 2
I_{pf} 0.68 kA IΔn 30
Time delay (if applicable) N/A
Operating at 1 IΔn: Above 30mA 29.7 ms
Operating at 5 IΔn: 30mA or below 28.7 ms
(if applicable)

Test instrument serial number(s)

Loop impedance: 100701/4664
Insulation resistance: 100701/4664
Continuity: 100701/4664
RCD: 100701/4664

CIRCUIT DETAILS / TEST RESULTS

Circuit No. and Line No.	Distribution board Designation / Circuit designation	Type of wiring	Ref. method	No. of points	Circuit conductors csa (mm²) L / N	Circuit conductors csa (mm²) CPC	Maximum disconnection	Overcurrent protective devices BS EN Number	Type No.	Rating (A)	Breaking capacity (KA)	RCD operating (mA)	BS 7671 Max. permitted Zs Other 80% (Ω)	Circuit impedance Ω Ring final circuits only (measured end-to-end) r1	rn	r2	Fig 8 check (✓)	All circuits to be completed using R1R2 or R2, not both R1 + R2	R2	Insulation resistance (Record lower reading) Test voltage V	L/L, L/N M(Ω)	L/E, N/E M(Ω)	Polarity (✓)	Max. Measured Zs (Ω)	RCD testing Above 30mA IΔn ms	30mA or below 5 IΔn ms	Manual test button operation RCD (✓)	AFDD (✓)
1/L3	Sockets	A	B	6	2.5	1.5	0.4	60898 MCB	B	10	6	N/A	3.49	N/A	N/A	N/A	N/A	0.12	N/A	250	LIM	>299	✓	0.73	N/A	N/A	N/A	N/A
2/L3	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
3/L3	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
4/L3	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Details of circuits and/or installed equipment vulnerable to damage when testing

Date(s) dead testing: 26/07/2022 To: 26/07/2022
Date(s) live testing: 26/07/2022 To: 26/07/2022

Tested by: Name (capital letters): LIAM KIMBLE Position: Electrical Test Engineer Date: 26/07/2022
Signature:

Wiring Types. A PVC/PVC, B PVC cables in metallic Conduit, C PVC cables in non-metallic Conduit, D PVC cables in metallic trunking, E PVC cables in non-metallic trunking, F PVC/SWA cables, G SWA/XPLE cables, H Mineral Insulated, MW Metal Work, FM Ferrous Metal, O Other
A/A1 - Single Core PVC Cables (4D1A), A/A2 - Multicore PVC Cables (4D2A), F/F1 - Single-core armoures PVC SWA Cables (4D3A), F/F2 - PVC SWA Cables (4D4A), A/A3 - PVC Twin & Earth (4D5), O/O1 - LSF single core cables 90°C rated (4E1A), O/O2 - Multi-core LSF cables 90°C rated (4E2A), G/G1 - Single-core armoured XLPE cables or 90°C rated (4E3A), G/G2 - Multi-core armoured XLPE cables or 90°C rated (4E4A), H/H1 - MICC exposed to touch (4G1A)

ELECTRICAL INSTALLATION CONDITION REPORT - Schedule of Tests

for Industrial/Commercial Premises

FT/EICR 110151231

Requirements for Electrical Installations
BS 7671:2018 (IET Wiring Regulations 18th Edition)

Company Name	PHS Compliance	**Company Address**	Kid Glove Road	**Postcode**	WA3 3GR	**Branch No.**	**Scheme No.**
Client	UPP Residential Services Ltd	**Installation Address**	Swansea University Bay Campus - Dryslwyn 1B & Nest 2, Reception - Ground Floor Tower Information Centre, Fabian Way, Crymlyn Burrows, Swansea, West Glamorgan	**Postcode**	SA1 8EN		

Distribution board details - Complete in every case

Location: Room 8 Riser [Schneider]
Designation: DB CL12/10-1
Num. of ways: 4 Num. of phases: 1
Supply polarity confirmed: ☑ Phase sequence confirmed: ☐

Complete only if the distribution board is not connected directly to the origin of the installation

Supply to distribution board is from: Sub Mains(DB CL12, 10/L3)
Overcurrent protective device for the distribution circuit: BS(EN) 61009 RCD/RCBO Type B Rating 32 A Voltage 230 V

Characteristics at this distribution board

Associated RCD(if any): BS (EN) 61008
Z_d 0.33 Ω No. of poles 2
I_{pf} 0.68 kA IΔn 30
Time delay (if applicable) N/A
Operating at 1 IΔn: Above 30mA 29.7 ms
Operating at 5 IΔn: 30mA or below 28.7 ms
(if applicable)

Test instrument serial number(s)

Loop impedance: 100701/4664
Insulation resistance: 100701/4664
Continuity: 100701/4664
RCD: 100701/4664

CIRCUIT DETAILS / TEST RESULTS

Circuit No. and Line No.	Distribution board Designation / Circuit designation	Type of wiring	Ref. method	No. of points	Circuit conductors csa (mm²) L / N	Circuit conductors csa (mm²) CPC	Maximum disconnection	Overcurrent protective devices BS EN Number	Type No.	Rating (A)	Breaking capacity (KA)	RCD operating (mA)	BS 7671 Max. permitted Zs Other 80% (Ω)	Circuit impedance Ω Ring final circuits only (measured end-to-end) r1	rn	r2	Fig 8 check (✓)	All circuits to be completed using R1R2 or R2, not both R1 + R2	R2	Insulation resistance (Record lower reading) Test voltage V	L/L, L/N M(Ω)	L/E, N/E M(Ω)	Polarity (✓)	Max. Measured Zs (Ω)	RCD testing Above 30mA IΔn ms	30mA or below 5 IΔn ms	Manual test button operation RCD (✓)	AFDD (✓)
1/L3	Sockets	A	B	6	2.5	1.5	0.4	60898 MCB	B	10	6	N/A	3.49	N/A	N/A	N/A	N/A	0.10	N/A	250	LIM	>299	✓	0.68	N/A	N/A	N/A	N/A
2/L3	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
3/L3	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
4/L3	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Details of circuits and/or installed equipment vulnerable to damage when testing

Date(s) dead testing: 26/07/2022 To 26/07/2022

Date(s) live testing: 26/07/2022 To 26/07/2022

Tested by: Name (capital letters): LIAM KIMBLE Position: Electrical Test Engineer Date: 26/07/2022

Signature:

Wiring Types. A PVC/PVC, B PVC cables in metallic Conduit, C PVC cables in non-metallic Conduit, D PVC cables in metallic trunking, E PVC cables in non-metallic trunking, F PVC/SWA cables, G SWA/XPLE cables, H Mineral Insulated, MW Metal Work, FM Ferrous Metal, O Other
A/A1 - Single Core PVC Cables (4D1A), A/A2 - Multicore PVC Cables (4D2A), F/F1 - Single-core armoures PVC SWA Cables (4D3A), F/F2 - PVC SWA Cables (4D4A), A/A3 - PVC Twin & Earth (4D5), O/O1 - LSF single core cables 90°C rated (4E1A), O/O2 - Multi-core LSF cables 90°C rated (4E2A), G/G1 - Single-core armoured XLPE cables or 90°C rated (4E3A), G/G2 - Multi-core armoured XLPE cables or 90°C rated (4E4A), H/H1 - MICC exposed to touch (4G1A)

ELECTRICAL INSTALLATION CONDITION REPORT - Schedule of Tests

for Industrial/Commercial Premises

FT/EICR 110151231

Requirements for Electrical Installations
BS 7671:2018 (IET Wiring Regulations 18th Edition)

Company Name	PHS Compliance	**Company Address**	Kid Glove Road	**Postcode**	WA3 3GR	**Branch No.**	**Scheme No.**
Client	UPP Residential Services Ltd	**Installation Address**	Swansea University Bay Campus - Dryslwyn 1B & Nest 2, Reception - Ground Floor Tower Information Centre, Fabian Way, Crymlyn Burrows, Swansea, West Glamorgan	**Postcode**	SA1 8EN		

Distribution board details - Complete in every case

Location: Room 1 Riser [Schneider]
Designation: DB CL12/11
Num. of ways: 4 Num. of phases: 1
Supply polarity confirmed: ☑ Phase sequence confirmed: ☐

Complete only if the distribution board is not connected directly to the origin of the installation

Supply to distribution board is from: Sub Mains(DB CL12, 11/L3)
Overcurrent protective device for the distribution circuit: BS(EN) 61009 RCD/RCBO Type B Rating 32 A Voltage 230 V

Characteristics at this distribution board

Associated RCD(if any): BS (EN) 61008
Z_d 0.35 Ω No. of poles 2
I_{pf} 0.65 kA IΔn 30
Time delay (if applicable) N/A
Above 30mA Operating at 1 IΔn 28.7 ms
30mA or below Operating at 5 IΔn 29.7 ms
(if applicable)

Test instrument serial number(s)

Loop impedance 100701/4664
Insulation resistance 100701/4664
Continuity 100701/4664
RCD 100701/4664

CIRCUIT DETAILS / TEST RESULTS

Circuit No. and Line No.	Distribution board Designation / Circuit designation	Type of wiring	Ref. method	No. of points	Circuit conductors csa (mm²) L / N	Circuit conductors csa (mm²) CPC	Maximum disconnection	Overcurrent protective devices BS EN Number	Overcurrent protective devices Type No.	Overcurrent protective devices Rating (A)	Breaking capacity (KA)	RCD operating (mA)	BS 7671 Max. permitted Zs Other 80% (Ω)	Circuit impedance Ω Ring final circuits only (measured end-to-end) r1	r1	rn	r2	Fig 8 check (✓)	All circuits to be completed using R1R2 or R2, not both R1 + R2	R2	Insulation resistance (Record lower reading) Test voltage V	L/L, L/N M(Ω)	L/E, N/E M(Ω)	Polarity (✓)	Max. Measured Zs (Ω)	RCD testing Above 30mA IΔn ms	RCD testing 30mA or below 5 IΔn ms	Manual test button operation RCD (✓)	AFDD (✓)
1/L3	Sockets	A	B	6	2.5	1.5	0.4	60898 MCB	B	10	6	N/A	3.49	N/A	N/A	N/A	N/A	0.14	N/A	250	LIM	>299	✓	0.68	N/A	N/A	N/A	N/A
2/L3	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
3/L3	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
4/L3	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Details of circuits and/or installed equipment vulnerable to damage when testing

Date(s) dead testing 26/07/2022 To 26/07/2022

Date(s) live testing 26/07/2022 To 26/07/2022

Tested by: Name (capital letters) LIAM KIMBLE Position Electrical Test Engineer Date 26/07/2022

Signature

Wiring Types. A PVC/PVC, B PVC cables in metallic Conduit, C PVC cables in non-metallic Conduit, D PVC cables in metallic trunking, E PVC cables in non-metallic trunking, F PVC/SWA cables, G SWA/XPLE cables, H Mineral Insulated, MW Metal Work, FM Ferrous Metal, O Other
A/A1 - Single Core PVC Cables (4D1A), A/A2 - Multicore PVC Cables (4D2A), F/F1 - Single-core armoures PVC SWA Cables (4D3A), F/F2 - PVC SWA Cables (4D4A), A/A3 - PVC Twin & Earth (4D5), O/O1 - LSF single core cables 90°C rated (4E1A), O/O2 - Multi-core LSF cables 90°C rated (4E2A), G/G1 - Single-core armoured XLPE cables or 90°C rated (4E3A), G/G2 - Multi-core armoured XLPE cables or 90°C rated (4E4A), H/H1 - MICC exposed to touch (4G1A)

ELECTRICAL INSTALLATION CONDITION REPORT - Schedule of Tests

for Industrial/Commercial Premises

FT/EICR 110151231

Requirements for Electrical Installations
BS 7671:2018 (IET Wiring Regulations 18th Edition)

Company Name	PHS Compliance	**Company Address**	Kid Glove Road	**Postcode**	WA3 3GR	**Branch No.**	**Scheme No.**
Client	UPP Residential Services Ltd	**Installation Address**	Swansea University Bay Campus - Dryslwyn 1B & Nest 2, Reception - Ground Floor Tower Information Centre, Fabian Way, Crymlyn Burrows, Swansea, West Glamorgan	**Postcode**	SA1 8EN		

Distribution board details - Complete in every case

Location: Room 2 Riser [Schneider]
Designation: DB CL12/11-1
Num. of ways: 4 Num. of phases: 1
Supply polarity confirmed: ☑ Phase sequence confirmed: ☐

Complete only if the distribution board is not connected directly to the origin of the installation

Supply to distribution board is from: Sub Mains(DB CL12, 11/L3)
Overcurrent protective device for the distribution circuit: BS(EN) 61009 RCD/RCBO Type B Rating 32 A Voltage 230 V

Characteristics at this distribution board

Associated RCD(if any): BS (EN) 61008
Z_d 0.35 Ω No. of poles 2
I_{pf} 0.65 kA IΔn 30
Time delay (if applicable) N/A
Operating at 1 IΔn: Above 30mA 28.7 ms
Operating at 5 IΔn: 30mA or below 29.7 ms
(if applicable)

Test instrument serial number(s)

Loop impedance: 100701/4664
Insulation resistance: 100701/4664
Continuity: 100701/4664
RCD: 100701/4664

CIRCUIT DETAILS / TEST RESULTS

Circuit No. and Line No.	Distribution board Designation / Circuit designation	Type of wiring	Ref. method	No. of points	Circuit conductors csa (mm²) L / N	Circuit conductors csa (mm²) CPC	Maximum disconnection	Overcurrent protective devices BS EN Number	Type No.	Rating (A)	Breaking capacity (KA)	RCD operating (mA)	BS 7671 Max. permitted Zs Other 80% (Ω)	Circuit impedance Ω Ring final circuits only (measured end-to-end) r1	rn	r2	Fig 8 check (✓)	All circuits to be completed using R1R2 or R2, not both R1 + R2	R2	Insulation resistance (Record lower reading) Test voltage V	L/L, L/N M(Ω)	L/E, N/E M(Ω)	Polarity (✓)	Max. Measured Zs (Ω)	RCD testing Above 30mA IΔn ms	30mA or below 5 IΔn ms	Manual test button operation RCD (✓)	AFDD (✓)
1/L3	Sockets	A	B	6	2.5	1.5	0.4	60898 MCB	B	10	6	N/A	3.49	N/A	N/A	N/A	N/A	0.12	N/A	250	LIM	>299	✓	0.74	N/A	N/A	N/A	N/A
2/L3	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
3/L3	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
4/L3	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Details of circuits and/or installed equipment vulnerable to damage when testing

Date(s) dead testing: 26/07/2022 To 26/07/2022

Date(s) live testing: 26/07/2022 To 26/07/2022

Tested by: Name (capital letters): LIAM KIMBLE Position: Electrical Test Engineer Date: 26/07/2022

Signature:

Wiring Types. A PVC/PVC, B PVC cables in metallic Conduit, C PVC cables in non-metallic Conduit, D PVC cables in metallic trunking, E PVC cables in non-metallic trunking, F PVC/SWA cables, G SWA/XPLE cables, H Mineral Insulated, MW Metal Work, FM Ferrous Metal, O Other
A/A1 - Single Core PVC Cables (4D1A), A/A2 - Multicore PVC Cables (4D2A), F/F1 - Single-core armoures PVC SWA Cables (4D3A), F/F2 - PVC SWA Cables (4D4A), A/A3 - PVC Twin & Earth (4D5), O/O1 - LSF single core cables 90°C rated (4E1A), O/O2 - Multi-core LSF cables 90°C rated (4E2A), G/G1 - Single-core armoured XLPE cables or 90°C rated (4E3A), G/G2 - Multi-core armoured XLPE cables or 90°C rated (4E4A), H/H1 - MICC exposed to touch (4G1A)

ELECTRICAL INSTALLATION CONDITION REPORT - Schedule of Tests

for Industrial/Commercial Premises

FT/EICR 110151231

Requirements for Electrical Installations
BS 7671:2018 (IET Wiring Regulations 18th Edition)

Company Name	PHS Compliance	**Company Address**	Kid Glove Road	**Postcode**	WA3 3GR	**Branch No.**	**Scheme No.**
Client	UPP Residential Services Ltd	**Installation Address**	Swansea University Bay Campus - Dryslwyn 1B & Nest 2, Reception - Ground Floor Tower Information Centre, Fabian Way, Crymlyn Burrows, Swansea, West Glamorgan	**Postcode**	SA1 8EN		

Distribution board details - Complete in every case

Location: Room 5 Riser [Schneider]
Designation: DB CL12/12
Num. of ways: 4 Num. of phases: 1
Supply polarity confirmed: ☑ Phase sequence confirmed: ☐

Complete only if the distribution board is not connected directly to the origin of the installation

Supply to distribution board is from: Sub Mains(DB CL12, 12/L3)
Overcurrent protective device for the distribution circuit: BS(EN) 61009 RCD/RCBO Type B Rating 32 A Voltage 230 V

Characteristics at this distribution board

Associated RCD(if any): BS (EN) 61008
Z_d 0.36 Ω No. of poles 2
I_{pf} 0.62 kA IΔn 30
Time delay (if applicable) N/A
Operating at 1 IΔn: Above 30mA 28.7 ms
Operating at 5 IΔn: 30mA or below 29.7 ms
(if applicable)

Test instrument serial number(s)

Loop impedance: 100701/4664
Insulation resistance: 100701/4664
Continuity: 100701/4664
RCD: 100701/4664

CIRCUIT DETAILS / TEST RESULTS

Circuit No. and Line No.	Distribution board Designation / Circuit designation	Type of wiring	Ref. method	No. of points	Circuit conductors csa (mm²) L / N	Circuit conductors csa (mm²) CPC	Maximum disconnection	Overcurrent protective devices BS EN Number	Type No.	Rating (A)	Breaking capacity (KA)	RCD operating (mA)	BS 7671 Max. permitted Zs Other 80% (Ω)	Circuit impedance Ω Ring final circuits only (measured end-to-end) r1	rn	r2	Fig 8 check (✓)	All circuits to be completed using R1R2 or R2, not both R1 + R2	R2	Insulation resistance (Record lower reading) Test voltage V	L/L, L/N M(Ω)	L/E, N/E M(Ω)	Polarity (✓)	Max. Measured Zs (Ω)	RCD testing Above 30mA IΔn ms	30mA or below 5 IΔn ms	Manual test button operation RCD (✓)	AFDD (✓)
1/L3	Sockets	A	B	6	2.5	1.5	0.4	60898 MCB	B	10	6	N/A	3.49	N/A	N/A	N/A	N/A	0.10	N/A	250	LIM	>299	✓	0.48	N/A	N/A	N/A	N/A
2/L3	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
3/L3	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
4/L3	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Details of circuits and/or installed equipment vulnerable to damage when testing

Date(s) dead testing: 26/07/2022 To 26/07/2022

Date(s) live testing: 26/07/2022 To 26/07/2022

Tested by: Name (capital letters): LIAM KIMBLE Position: Electrical Test Engineer Date: 26/07/2022

Signature:

Wiring Types. A PVC/PVC, B PVC cables in metallic Conduit, C PVC cables in non-metallic Conduit, D PVC cables in metallic trunking, E PVC cables in non-metallic trunking, F PVC/SWA cables, G SWA/XPLE cables, H Mineral Insulated, MW Metal Work, FM Ferrous Metal, O Other
A/A1 - Single Core PVC Cables (4D1A), A/A2 - Multicore PVC Cables (4D2A), F/F1 - Single-core armoures PVC SWA Cables (4D3A), F/F2 - PVC SWA Cables (4D4A), A/A3 - PVC Twin & Earth (4D5), O/O1 - LSF single core cables 90°C rated (4E1A), O/O2 - Multi-core LSF cables 90°C rated (4E2A), G/G1 - Single-core armoured XLPE cables or 90°C rated (4E3A), G/G2 - Multi-core armoured XLPE cables or 90°C rated (4E4A), H/H1 - MICC exposed to touch (4G1A)

ELECTRICAL INSTALLATION CONDITION REPORT - Schedule of Tests

for Industrial/Commercial Premises

FT/EICR 110151231

Requirements for Electrical Installations
BS 7671:2018 (IET Wiring Regulations 18th Edition)

Company Name	PHS Compliance	**Company Address**	Kid Glove Road	**Postcode**	WA3 3GR	**Branch No.**	**Scheme No.**
Client	UPP Residential Services Ltd	**Installation Address**	Swansea University Bay Campus - Dryslwyn 1B & Nest 2, Reception - Ground Floor Tower Information Centre, Fabian Way, Crymlyn Burrows, Swansea, West Glamorgan	**Postcode**	SA1 8EN		

Distribution board details - Complete in every case

Location: Room 6 Riser [Schneider]
Designation: DB CL12/12-1
Num. of ways: 4 Num. of phases: 1
Supply polarity confirmed: ☑ Phase sequence confirmed: ☐

Complete only if the distribution board is not connected directly to the origin of the installation

Supply to distribution board is from: Sub Mains(DB CL12, 12/L3)
Overcurrent protective device for the distribution circuit: BS(EN) 61009 RCD/RCBO Type B Rating 32 A Voltage 230 V

Characteristics at this distribution board

Associated RCD(if any): BS (EN) 61008
Z_d 0.36 Ω No. of poles 2
I_{pf} 0.62 kA IΔn 30
Time delay (if applicable) N/A
Operating at 1 IΔn: Above 30mA 28.7 ms
Operating at 5 IΔn: 30mA or below 29.7 ms
(if applicable)

Test instrument serial number(s)

Loop impedance: 100701/4664
Insulation resistance: 100701/4664
Continuity: 100701/4664
RCD: 100701/4664

CIRCUIT DETAILS / TEST RESULTS

Circuit No. and Line No.	Distribution board Designation / Circuit designation	Type of wiring	Ref. method	No. of points	Circuit conductors csa (mm²) L / N	Circuit conductors csa (mm²) CPC	Maximum disconnection	Overcurrent protective devices BS EN Number	Type No.	Rating (A)	Breaking capacity (KA)	RCD operating (mA)	BS 7671 Max. permitted Zs Other 80% (Ω)	Circuit impedance Ω Ring final circuits only (measured end-to-end) r1	rn	r2	Fig 8 check (✓)	All circuits to be completed using R1R2 or R2, not both R1 + R2	R2	Insulation resistance (Record lower reading) Test voltage V	L/L, L/N M(Ω)	L/E, N/E M(Ω)	Polarity (✓)	Max. Measured Zs (Ω)	RCD testing Above 30mA IΔn ms	30mA or below 5 IΔn ms	Manual test button operation RCD (✓)	AFDD (✓)
1/L3	Sockets	A	B	6	2.5	1.5	0.4	60898 MCB	B	10	6	N/A	3.49	N/A	N/A	N/A	N/A	0.12	N/A	250	LIM	>299	✓	0.66	N/A	N/A	N/A	N/A
2/L3	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
3/L3	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
4/L3	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Details of circuits and/or installed equipment vulnerable to damage when testing

Date(s) dead testing: 26/07/2022 To 26/07/2022

Date(s) live testing: 26/07/2022 To 26/07/2022

Tested by: Name (capital letters): LIAM KIMBLE Position: Electrical Test Engineer Date: 26/07/2022

Signature:

Wiring Types. A PVC/PVC, B PVC cables in metallic Conduit, C PVC cables in non-metallic Conduit, D PVC cables in metallic trunking, E PVC cables in non-metallic trunking, F PVC/SWA cables, G SWA/XPLE cables, H Mineral Insulated, MW Metal Work, FM Ferrous Metal, O Other
A/A1 - Single Core PVC Cables (4D1A), A/A2 - Multicore PVC Cables (4D2A), F/F1 - Single-core armoures PVC SWA Cables (4D3A), F/F2 - PVC SWA Cables (4D4A), A/A3 - PVC Twin & Earth (4D5), O/O1 - LSF single core cables 90°C rated (4E1A), O/O2 - Multi-core LSF cables 90°C rated (4E2A), G/G1 - Single-core armoured XLPE cables or 90°C rated (4E3A), G/G2 - Multi-core armoured XLPE cables or 90°C rated (4E4A), H/H1 - MICC exposed to touch (4G1A)

ELECTRICAL INSTALLATION CONDITION REPORT - Schedule of Tests

for Industrial/Commercial Premises

FT/EICR 110151231

Requirements for Electrical Installations
BS 7671:2018 (IET Wiring Regulations 18th Edition)

Company Name	PHS Compliance	**Company Address**	Kid Glove Road	**Postcode**	WA3 3GR	**Branch No.**	**Scheme No.**
Client	UPP Residential Services Ltd	**Installation Address**	Swansea University Bay Campus - Dryslwyn 1B & Nest 2, Reception - Ground Floor Tower Information Centre, Fabian Way, Crymlyn Burrows, Swansea, West Glamorgan	**Postcode**	SA1 8EN		

Distribution board details - Complete in every case

Location: Room 3 Riser [Schneider]
Designation: DB CL12/13
Num. of ways: 4 Num. of phases: 1
Supply polarity confirmed: ☑ Phase sequence confirmed: ☐

Complete only if the distribution board is not connected directly to the origin of the installation

Supply to distribution board is from: Sub Mains(DB CL12, 13/L3)
Overcurrent protective device for the distribution circuit: BS(EN) 61009 RCD/RCBO Type B Rating 32 A Voltage 230 V

Characteristics at this distribution board

Associated RCD(if any): BS (EN) 61008
Z_d 0.42 Ω No. of poles 2
I_{pf} 0.53 kA IΔn 30
Time delay (if applicable) N/A
Operating at 1 IΔn Above 30mA 28.7 ms
Operating at 5 IΔn 30mA or below 28.7 ms
(if applicable)

Test instrument serial number(s)

Loop impedance 100701/4664
Insulation resistance 100701/4664
Continuity 100701/4664
RCD 100701/4664

CIRCUIT DETAILS / TEST RESULTS

Circuit No. and Line No.	Distribution board Designation / Circuit designation	Type of wiring	Ref. method	No. of points	Circuit conductors csa (mm²) L / N	Circuit conductors csa (mm²) CPC	Maximum disconnection	Overcurrent protective devices BS EN Number	Type No.	Rating (A)	Breaking capacity (KA)	RCD operating (mA)	BS 7671 Max. permitted Zs Other 80% (Ω)	Circuit impedance Ω Ring final circuits only (measured end-to-end) r1	rn	r2	Fig 8 check (✓)	All circuits to be completed using R1R2 or R2, not both R1 + R2	R2	Insulation resistance (Record lower reading) Test voltage V	L/L, L/N M(Ω)	L/E, N/E M(Ω)	Polarity (✓)	Max. Measured Zs (Ω)	RCD testing Above 30mA IΔn ms	30mA or below 5 IΔn ms	Manual test button operation RCD (✓)	AFDD (✓)
1/L3	Sockets	A	B	6	2.5	1.5	0.4	60898 MCB	B	10	6	N/A	3.49	N/A	N/A	N/A	N/A	0.14	N/A	250	LIM	>299	✓	0.74	N/A	N/A	N/A	N/A
2/L3	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
3/L3	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
4/L3	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Details of circuits and/or installed equipment vulnerable to damage when testing

Date(s) dead testing 26/07/2022 To 26/07/2022

Date(s) live testing 26/07/2022 To 26/07/2022

Tested by: Name (capital letters) LIAM KIMBLE Position Electrical Test Engineer Date 26/07/2022

Signature

Wiring Types. A PVC/PVC, B PVC cables in metallic Conduit, C PVC cables in non-metallic Conduit, D PVC cables in metallic trunking, E PVC cables in non-metallic trunking, F PVC/SWA cables, G SWA/XPLE cables, H Mineral Insulated, MW Metal Work, FM Ferrous Metal, O Other
A/A1 - Single Core PVC Cables (4D1A), A/A2 - Multicore PVC Cables (4D2A), F/F1 - Single-core armoures PVC SWA Cables (4D3A), F/F2 - PVC SWA Cables (4D4A), A/A3 - PVC Twin & Earth (4D5), O/O1 - LSF single core cables 90°C rated (4E1A), O/O2 - Multi-core LSF cables 90°C rated (4E2A), G/G1 - Single-core armoured XLPE cables or 90°C rated (4E3A), G/G2 - Multi-core armoured XLPE cables or 90°C rated (4E4A), H/H1 - MICC exposed to touch (4G1A)

ELECTRICAL INSTALLATION CONDITION REPORT - Schedule of Tests

for Industrial/Commercial Premises

FT/EICR 110151231

Requirements for Electrical Installations
BS 7671:2018 (IET Wiring Regulations 18th Edition)

Company Name	PHS Compliance	**Company Address**	Kid Glove Road	**Postcode**	WA3 3GR	**Branch No.**	**Scheme No.**
Client	UPP Residential Services Ltd	**Installation Address**	Swansea University Bay Campus - Dryslwyn 1B & Nest 2, Reception - Ground Floor Tower Information Centre, Fabian Way, Crymlyn Burrows, Swansea, West Glamorgan	**Postcode**	SA1 8EN		

Distribution board details - Complete in every case

Location: Room 4 Riser [Schneider]
Designation: DB CL12/13-1
Num. of ways: 4 Num. of phases: 1
Supply polarity confirmed: ☑ Phase sequence confirmed: ☐

Complete only if the distribution board is not connected directly to the origin of the installation

Supply to distribution board is from: Sub Mains(DB CL12, 13/L3)
Overcurrent protective device for the distribution circuit: BS(EN) 61009 RCD/RCBO Type B Rating 32 A Voltage 230 V

Characteristics at this distribution board

Associated RCD(if any): BS (EN) 61008
Z_d 0.42 Ω No. of poles 2
I_{pf} 0.53 kA IΔn 30
Time delay (if applicable) N/A
Operating at 1 IΔn Above 30mA 28.7 ms
Operating at 5 IΔn 30mA or below 28.7 ms
(if applicable)

Test instrument serial number(s)

Loop impedance 100701/4664
Insulation resistance 100701/4664
Continuity 100701/4664
RCD 100701/4664

CIRCUIT DETAILS / TEST RESULTS

Circuit No. and Line No.	Distribution board Designation / Circuit designation	Type of wiring	Ref. method	No. of points	Circuit conductors csa (mm²) L / N	Circuit conductors csa (mm²) CPC	Maximum disconnection	Overcurrent protective devices BS EN Number	Type No.	Rating (A)	Breaking capacity (KA)	RCD operating (mA)	BS 7671 Max. permitted Zs Other 80% (Ω)	Circuit impedance Ω Ring final circuits only (measured end-to-end) r1	rn	r2	Fig 8 check (✓)	All circuits to be completed using R1R2 or R2, not both R1 + R2	R2	Insulation resistance (Record lower reading) Test voltage V	L/L, L/N M(Ω)	L/E, N/E M(Ω)	Polarity (✓)	Max. Measured Zs (Ω)	RCD testing Above 30mA IΔn ms	30mA or below 5 IΔn ms	Manual test button operation RCD (✓)	AFDD (✓)
1/L3	Sockets	A	B	6	2.5	1.5	0.4	60898 MCB	B	10	6	N/A	3.49	N/A	N/A	N/A	N/A	0.10	N/A	250	LIM	>299	✓	0.68	N/A	N/A	N/A	N/A
2/L3	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
3/L3	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
4/L3	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Details of circuits and/or installed equipment vulnerable to damage when testing

Date(s) dead testing 26/07/2022 To 26/07/2022

Date(s) live testing 26/07/2022 To 26/07/2022

Tested by: Name (capital letters) LIAM KIMBLE Position Electrical Test Engineer Date 26/07/2022

Signature

Wiring Types. A PVC/PVC, B PVC cables in metallic Conduit, C PVC cables in non-metallic Conduit, D PVC cables in metallic trunking, E PVC cables in non-metallic trunking, F PVC/SWA cables, G SWA/XPLE cables, H Mineral Insulated, MW Metal Work, FM Ferrous Metal, O Other
A/A1 - Single Core PVC Cables (4D1A), A/A2 - Multicore PVC Cables (4D2A), F/F1 - Single-core armoures PVC SWA Cables (4D3A), F/F2 - PVC SWA Cables (4D4A), A/A3 - PVC Twin & Earth (4D5), O/O1 - LSF single core cables 90°C rated (4E1A), O/O2 - Multi-core LSF cables 90°C rated (4E2A), G/G1 - Single-core armoured XLPE cables or 90°C rated (4E3A), G/G2 - Multi-core armoured XLPE cables or 90°C rated (4E4A), H/H1 - MICC exposed to touch (4G1A)

ELECTRICAL INSTALLATION CONDITION REPORT - Schedule of Tests

for Industrial/Commercial Premises

FT/EICR 110151231

Requirements for Electrical Installations
BS 7671:2018 (IET Wiring Regulations 18th Edition)

Company Name	PHS Compliance	**Company Address**	Kid Glove Road	**Postcode**	WA3 3GR	**Branch No.**	**Scheme No.**
Client	UPP Residential Services Ltd	**Installation Address**	Swansea University Bay Campus - Dryslwyn 1B & Nest 2, Reception - Ground Floor Tower Information Centre, Fabian Way, Crymlyn Burrows, Swansea, West Glamorgan	**Postcode**	SA1 8EN		

Distribution board details - Complete in every case

Location: Room 4 Riser [Schneider]
Designation: DB CL2/10
Num. of ways: 4 Num. of phases: 1
Supply polarity confirmed: ☑ Phase sequence confirmed: ☐

Complete only if the distribution board is not connected directly to the origin of the installation

Supply to distribution board is from: Sub Mains(DB CL2, 10/L2)
Overcurrent protective device for the distribution circuit: BS(EN) 61009 RCD/RCBO Type B Rating 32 A Voltage 230 V

Characteristics at this distribution board

Associated RCD(if any): BS (EN) 61008
Z_d 0.40 Ω No. of poles 2
I_{pf} 0.52 kA IΔn 30
Time delay (if applicable) N/A
Operating at 1 IΔn: Above 30mA 28.8 ms
Operating at 5 IΔn: 30mA or below 27.6 ms
(if applicable)

Test instrument serial number(s)

Loop impedance: 100701/4664
Insulation resistance: 100701/4664
Continuity: 100701/4664
RCD: 100701/4664

CIRCUIT DETAILS / TEST RESULTS

Circuit No. and Line No.	Distribution board Designation / Circuit designation	Type of wiring	Ref. method	No. of points	Circuit conductors csa (mm²) L / N	Circuit conductors csa (mm²) CPC	Maximum disconnection	Overcurrent protective devices BS EN Number	Type No.	Rating (A)	Breaking capacity (KA)	RCD operating (mA)	BS 7671 Max. permitted Zs Other 80% (Ω)	Circuit impedance Ω Ring final circuits only (measured end-to-end) r1	rn	r2	Fig 8 check (✓)	All circuits to be completed using R1R2 or R2, not both R1 + R2	R2	Insulation resistance (Record lower reading) Test voltage V	L/L, L/N M(Ω)	L/E, N/E M(Ω)	Polarity (✓)	Max. Measured Zs (Ω)	RCD testing Above 30mA IΔn ms	30mA or below 5 IΔn ms	Manual test button operation RCD (✓)	AFDD (✓)
1/L2	Sockets	A	B	6	2.5	1.5	0.4	60898 MCB	B	10	6	N/A	3.49	N/A	N/A	N/A	N/A	0.14	N/A	250	LIM	>299	✓	0.64	N/A	N/A	N/A	N/A
2/L2	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
3/L2	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
4/L2	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Details of circuits and/or installed equipment vulnerable to damage when testing

Date(s) dead testing: 26/07/2022 To 26/07/2022

Date(s) live testing: 26/07/2022 To 26/07/2022

Tested by: Name (capital letters): LIAM KIMBLE Position: Electrical Test Engineer Date: 26/07/2022

Signature:

Wiring Types. A PVC/PVC, B PVC cables in metallic Conduit, C PVC cables in non-metallic Conduit, D PVC cables in metallic trunking, E PVC cables in non-metallic trunking, F PVC/SWA cables, G SWA/XPLE cables, H Mineral Insulated, MW Metal Work, FM Ferrous Metal, O Other
A/A1 - Single Core PVC Cables (4D1A), A/A2 - Multicore PVC Cables (4D2A), F/F1 - Single-core armoures PVC SWA Cables (4D3A), F/F2 - PVC SWA Cables (4D4A), A/A3 - PVC Twin & Earth (4D5), O/O1 - LSF single core cables 90°C rated (4E1A), O/O2 - Multi-core LSF cables 90°C rated (4E2A), G/G1 - Single-core armoured XLPE cables or 90°C rated (4E3A), G/G2 - Multi-core armoured XLPE cables or 90°C rated (4E4A), H/H1 - MICC exposed to touch (4G1A)

ELECTRICAL INSTALLATION CONDITION REPORT - Schedule of Tests

for Industrial/Commercial Premises

FT/EICR 110151231

Requirements for Electrical Installations
BS 7671:2018 (IET Wiring Regulations 18th Edition)

Company Name	PHS Compliance	**Company Address**	Kid Glove Road	**Postcode**	WA3 3GR	**Branch No.**	**Scheme No.**
Client	UPP Residential Services Ltd	**Installation Address**	Swansea University Bay Campus - Dryslwyn 1B & Nest 2, Reception - Ground Floor Tower Information Centre, Fabian Way, Crymlyn Burrows, Swansea, West Glamorgan	**Postcode**	SA1 8EN		

Distribution board details - Complete in every case

Location: Room 5 Riser [Schneider]
Designation: DB CL2/10-1
Num. of ways: 4 Num. of phases: 1
Supply polarity confirmed: ☑ Phase sequence confirmed: ☐

Complete only if the distribution board is not connected directly to the origin of the installation

Supply to distribution board is from: Sub Mains(DB CL2, 10/L2)
Overcurrent protective device for the distribution circuit: BS(EN) 61009 RCD/RCBO Type B Rating 32 A Voltage 230 V

Characteristics at this distribution board

Associated RCD(if any): BS (EN) 61008
Z_d 0.40 Ω No. of poles 2
I_{pf} 0.52 kA IΔn 30
Time delay (if applicable) N/A
Operating at 1 IΔn Above 30mA 28.8 ms
Operating at 5 IΔn 30mA or below 27.6 ms
(if applicable)

Test instrument serial number(s)

Loop impedance 100701/4664
Insulation resistance 100701/4664
Continuity 100701/4664
RCD 100701/4664

CIRCUIT DETAILS / TEST RESULTS

Circuit No. and Line No.	Distribution board Designation / Circuit designation	Type of wiring	Ref. method	No. of points	Circuit conductors csa (mm²) L / N	Circuit conductors csa (mm²) CPC	Maximum disconnection	Overcurrent protective devices BS EN Number	Type No.	Rating (A)	Breaking capacity (KA)	RCD operating (mA)	BS 7671 Max. permitted Zs Other 80% (Ω)	Circuit impedance Ω Ring final circuits only (measured end-to-end) r1	rn	r2	Fig 8 check (✓)	All circuits to be completed using R1R2 or R2, not both R1 + R2	R2	Insulation resistance (Record lower reading) Test voltage V	L/L, L/N M(Ω)	L/E, N/E M(Ω)	Polarity (✓)	Max. Measured Zs (Ω)	RCD testing Above 30mA IΔn ms	30mA or below 5 IΔn ms	Manual test button operation RCD (✓)	AFDD (✓)
1/L2	Sockets	A	B	6	2.5	1.5	0.4	60898 MCB	B	10	6	N/A	3.49	N/A	N/A	N/A	N/A	0.10	N/A	250	LIM	>299	✓	0.58	N/A	N/A	N/A	N/A
2/L2	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
3/L2	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
4/L2	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Details of circuits and/or installed equipment vulnerable to damage when testing

Date(s) dead testing 26/07/2022 To 26/07/2022

Date(s) live testing 26/07/2022 To 26/07/2022

Tested by: Name (capital letters) LIAM KIMBLE Position Electrical Test Engineer Date 26/07/2022

Signature

Wiring Types. A PVC/PVC, B PVC cables in metallic Conduit, C PVC cables in non-metallic Conduit, D PVC cables in metallic trunking, E PVC cables in non-metallic trunking, F PVC/SWA cables, G SWA/XPLE cables, H Mineral Insulated, MW Metal Work, FM Ferrous Metal, O Other
A/A1 - Single Core PVC Cables (4D1A), A/A2 - Multicore PVC Cables (4D2A), F/F1 - Single-core armoures PVC SWA Cables (4D3A), F/F2 - PVC SWA Cables (4D4A), A/A3 - PVC Twin & Earth (4D5), O/O1 - LSF single core cables 90°C rated (4E1A), O/O2 - Multi-core LSF cables 90°C rated (4E2A), G/G1 - Single-core armoured XLPE cables or 90°C rated (4E3A), G/G2 - Multi-core armoured XLPE cables or 90°C rated (4E4A), H/H1 - MICC exposed to touch (4G1A)

ELECTRICAL INSTALLATION CONDITION REPORT - Schedule of Tests

for Industrial/Commercial Premises

FT/EICR 110151231

Requirements for Electrical Installations
BS 7671:2018 (IET Wiring Regulations 18th Edition)

Company Name	PHS Compliance	**Company Address**	Kid Glove Road	**Postcode**	WA3 3GR	**Branch No.**	**Scheme No.**
Client	UPP Residential Services Ltd	**Installation Address**	Swansea University Bay Campus - Dryslwyn 1B & Nest 2, Reception - Ground Floor Tower Information Centre, Fabian Way, Crymlyn Burrows, Swansea, West Glamorgan	**Postcode**	SA1 8EN		

Distribution board details - Complete in every case

Location: Room 6 Riser [Schneider]
Designation: DB CL2/10-2
Num. of ways: 4 Num. of phases: 1
Supply polarity confirmed: ☑ Phase sequence confirmed: ☐

Complete only if the distribution board is not connected directly to the origin of the installation

Supply to distribution board is from: Sub Mains(DB CL2, 10/L2)
Overcurrent protective device for the distribution circuit: BS(EN) 61009 RCD/RCBO Type B Rating 32 A Voltage 230 V

Characteristics at this distribution board

Associated RCD(if any): BS (EN) 61008
Z_d 0.40 Ω No. of poles 2
I_{pf} 0.52 kA IΔn 30
Time delay (if applicable) N/A
Above 30mA Operating at 1 IΔn 28.8 ms
30mA or below Operating at 5 IΔn 27.6 ms
(if applicable)

Test instrument serial number(s)

Loop impedance 100701/4664
Insulation resistance 100701/4664
Continuity 100701/4664
RCD 100701/4664

CIRCUIT DETAILS / TEST RESULTS

Circuit No. and Line No.	Distribution board Designation / Circuit designation	Type of wiring	Ref. method	No. of points	Circuit conductors csa (mm²) L / N	Circuit conductors csa (mm²) CPC	Maximum disconnection	Overcurrent protective devices BS EN Number	Type No.	Rating (A)	Breaking capacity (KA)	RCD operating (mA)	BS 7671 Max. permitted Zs Other 80% (Ω)	Circuit impedance Ω Ring final circuits only (measured end-to-end) r1	rn	r2	Fig 8 check (✓)	All circuits to be completed using R1R2 or R2, not both R1 + R2	R2	Insulation resistance (Record lower reading) Test voltage V	L/L, L/N M(Ω)	L/E, N/E M(Ω)	Polarity (✓)	Max. Measured Zs (Ω)	RCD testing Above 30mA IΔn ms	30mA or below 5 IΔn ms	Manual test button operation RCD (✓)	AFDD (✓)
1/L2	Sockets	A	B	6	2.5	1.5	0.4	60898 MCB	B	10	6	N/A	3.49	N/A	N/A	N/A	N/A	0.15	N/A	250	LIM	>299	✓	0.77	N/A	N/A	N/A	N/A
2/L2	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
3/L2	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
4/L2	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Details of circuits and/or installed equipment vulnerable to damage when testing

Date(s) dead testing 26/07/2022 To 26/07/2022

Date(s) live testing 26/07/2022 To 26/07/2022

Tested by: Name (capital letters) LIAM KIMBLE Position Electrical Test Engineer Date 26/07/2022

Signature

Wiring Types. A PVC/PVC, B PVC cables in metallic Conduit, C PVC cables in non-metallic Conduit, D PVC cables in metallic trunking, E PVC cables in non-metallic trunking, F PVC/SWA cables, G SWA/XPLE cables, H Mineral Insulated, MW Metal Work, FM Ferrous Metal, O Other
A/A1 - Single Core PVC Cables (4D1A), A/A2 - Multicore PVC Cables (4D2A), F/F1 - Single-core armoures PVC SWA Cables (4D3A), F/F2 - PVC SWA Cables (4D4A), A/A3 - PVC Twin & Earth (4D5), O/O1 - LSF single core cables 90°C rated (4E1A), O/O2 - Multi-core LSF cables 90°C rated (4E2A), G/G1 - Single-core armoured XLPE cables or 90°C rated (4E3A), G/G2 - Multi-core armoured XLPE cables or 90°C rated (4E4A), H/H1 - MICC exposed to touch (4G1A)

ELECTRICAL INSTALLATION CONDITION REPORT - Schedule of Tests

for Industrial/Commercial Premises

FT/EICR 110151231

Requirements for Electrical Installations
BS 7671:2018 (IET Wiring Regulations 18th Edition)

Company Name	PHS Compliance	**Company Address**	Kid Glove Road	**Postcode**	WA3 3GR	**Branch No.**	**Scheme No.**
Client	UPP Residential Services Ltd	**Installation Address**	Swansea University Bay Campus - Dryslwyn 1B & Nest 2, Reception - Ground Floor Tower Information Centre, Fabian Way, Crymlyn Burrows, Swansea, West Glamorgan	**Postcode**	SA1 8EN		

Distribution board details - Complete in every case

Location: Room 1 Riser [Schneider]
Designation: DB CL2/11
Num. of ways: 4 Num. of phases: 1
Supply polarity confirmed: ☑ Phase sequence confirmed: ☐

Complete only if the distribution board is not connected directly to the origin of the installation

Supply to distribution board is from: Sub Mains(DB CL2, 11/L2)
Overcurrent protective device for the distribution circuit: BS(EN) 61009 RCD/RCBO Type B Rating 32 A Voltage 230 V

Characteristics at this distribution board

Associated RCD(if any): BS (EN) 61008
Z_d 0.46 Ω No. of poles 2
I_{pf} 0.50 kA IΔn 30
Time delay (if applicable) N/A
Operating at 1 IΔn Above 30mA 28.8 ms
Operating at 5 IΔn 30mA or below 27.2 ms
(if applicable)

Test instrument serial number(s)

Loop impedance 100701/4664
Insulation resistance 100701/4664
Continuity 100701/4664
RCD 100701/4664

CIRCUIT DETAILS / TEST RESULTS

Circuit No. and Line No.	Distribution board Designation / Circuit designation	Type of wiring	Ref. method	No. of points	Circuit conductors csa (mm²) L / N	Circuit conductors csa (mm²) CPC	Maximum disconnection	Overcurrent protective devices BS EN Number	Type No.	Rating (A)	Breaking capacity (KA)	RCD operating (mA)	BS 7671 Max. permitted Zs Other 80% (Ω)	Circuit impedance Ω Ring final circuits only (measured end-to-end) r1	rn	r2	Fig 8 check (✓)	All circuits to be completed using R1R2 or R2, not both R1 + R2	R2	Insulation resistance (Record lower reading) Test voltage V	L/L, L/N M(Ω)	L/E, N/E M(Ω)	Polarity (✓)	Max. Measured Zs (Ω)	RCD testing Above 30mA IΔn ms	30mA or below 5 IΔn ms	Manual test button operation RCD (✓)	AFDD (✓)
1/L2	Sockets	A	B	6	2.5	1.5	0.4	60898 MCB	B	10	6	N/A	3.49	N/A	N/A	N/A	N/A	0.12	N/A	250	LIM	>299	✓	0.68	N/A	N/A	N/A	N/A
2/L2	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
3/L2	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
4/L2	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Details of circuits and/or installed equipment vulnerable to damage when testing

Date(s) dead testing 26/07/2022 To 26/07/2022

Date(s) live testing 26/07/2022 To 26/07/2022

Tested by: Name (capital letters) LIAM KIMBLE Position Electrical Test Engineer Date 26/07/2022

Signature

Wiring Types. A PVC/PVC, B PVC cables in metallic Conduit, C PVC cables in non-metallic Conduit, D PVC cables in metallic trunking, E PVC cables in non-metallic trunking, F PVC/SWA cables, G SWA/XPLE cables, H Mineral Insulated, MW Metal Work, FM Ferrous Metal, O Other
A/A1 - Single Core PVC Cables (4D1A), A/A2 - Multicore PVC Cables (4D2A), F/F1 - Single-core armoures PVC SWA Cables (4D3A), F/F2 - PVC SWA Cables (4D4A), A/A3 - PVC Twin & Earth (4D5), O/O1 - LSF single core cables 90°C rated (4E1A), O/O2 - Multi-core LSF cables 90°C rated (4E2A), G/G1 - Single-core armoured XLPE cables or 90°C rated (4E3A), G/G2 - Multi-core armoured XLPE cables or 90°C rated (4E4A), H/H1 - MICC exposed to touch (4G1A)

ELECTRICAL INSTALLATION CONDITION REPORT - Schedule of Tests

for Industrial/Commercial Premises

FT/EICR 110151231

Requirements for Electrical Installations
BS 7671:2018 (IET Wiring Regulations 18th Edition)

Company Name	PHS Compliance	**Company Address**	Kid Glove Road	**Postcode**	WA3 3GR	**Branch No.**	**Scheme No.**
Client	UPP Residential Services Ltd	**Installation Address**	Swansea University Bay Campus - Dryslwyn 1B & Nest 2, Reception - Ground Floor Tower Information Centre, Fabian Way, Crymlyn Burrows, Swansea, West Glamorgan	**Postcode**	SA1 8EN		

Distribution board details - Complete in every case

Location: Room 2 Riser [Schneider]
Designation: DB CL2/11-1
Num. of ways: 4 Num. of phases: 1
Supply polarity confirmed: ☑ Phase sequence confirmed: ☐

Complete only if the distribution board is not connected directly to the origin of the installation

Supply to distribution board is from: Sub Mains(DB CL2, 11/L2)
Overcurrent protective device for the distribution circuit: BS(EN) 61009 RCD/RCBO Type B Rating 32 A Voltage 230 V

Characteristics at this distribution board

Associated RCD(if any): BS (EN) 61008
Z_d 0.46 Ω No. of poles 2
I_{pf} 0.50 kA IΔn 30
Time delay (if applicable) N/A
Operating at 1 IΔn: Above 30mA 28.8 ms
Operating at 5 IΔn: 30mA or below 27.2 ms
(if applicable)

Test instrument serial number(s)

Loop impedance: 100701/4664
Insulation resistance: 100701/4664
Continuity: 100701/4664
RCD: 100701/4664

CIRCUIT DETAILS / TEST RESULTS

Circuit No. and Line No.	Distribution board Designation / Circuit designation	Type of wiring	Ref. method	No. of points	Circuit conductors csa (mm²) L / N	Circuit conductors csa (mm²) CPC	Maximum disconnection	Overcurrent protective devices BS EN Number	Type No.	Rating (A)	Breaking capacity (KA)	RCD operating (mA)	BS 7671 Max. permitted Zs Other 80% (Ω)	Circuit impedance Ω Ring final circuits only (measured end-to-end) r1	rn	r2	Fig 8 check (✓)	All circuits to be completed using R1R2 or R2, not both R1 + R2	R2	Insulation resistance (Record lower reading) Test voltage V	L/L, L/N M(Ω)	L/E, N/E M(Ω)	Polarity (✓)	Max. Measured Zs (Ω)	RCD testing Above 30mA IΔn ms	30mA or below 5 IΔn ms	Manual test button operation RCD (✓)	AFDD (✓)
1/L2	Sockets	A	B	6	2.5	1.5	0.4	60898 MCB	B	10	6	N/A	3.49	N/A	N/A	N/A	N/A	0.16	N/A	250	LIM	>299	✓	0.79	N/A	N/A	N/A	N/A
2/L2	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
3/L2	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
4/L2	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Details of circuits and/or installed equipment vulnerable to damage when testing

Date(s) dead testing: 26/07/2022 To 26/07/2022

Date(s) live testing: 26/07/2022 To 26/07/2022

Tested by: Name (capital letters): LIAM KIMBLE Position: Electrical Test Engineer Date: 26/07/2022

Signature:

Wiring Types. A PVC/PVC, B PVC cables in metallic Conduit, C PVC cables in non-metallic Conduit, D PVC cables in metallic trunking, E PVC cables in non-metallic trunking, F PVC/SWA cables, G SWA/XPLE cables, H Mineral Insulated, MW Metal Work, FM Ferrous Metal, O Other
A/A1 - Single Core PVC Cables (4D1A), A/A2 - Multicore PVC Cables (4D2A), F/F1 - Single-core armoures PVC SWA Cables (4D3A), F/F2 - PVC SWA Cables (4D4A), A/A3 - PVC Twin & Earth (4D5), O/O1 - LSF single core cables 90°C rated (4E1A), O/O2 - Multi-core LSF cables 90°C rated (4E2A), G/G1 - Single-core armoured XLPE cables or 90°C rated (4E3A), G/G2 - Multi-core armoured XLPE cables or 90°C rated (4E4A), H/H1 - MICC exposed to touch (4G1A)

ELECTRICAL INSTALLATION CONDITION REPORT - Schedule of Tests

for Industrial/Commercial Premises

FT/EICR 110151231

Requirements for Electrical Installations
BS 7671:2018 (IET Wiring Regulations 18th Edition)

Company Name	PHS Compliance	**Company Address**	Kid Glove Road	**Postcode**	WA3 3GR	**Branch No.**	**Scheme No.**
Client	UPP Residential Services Ltd	**Installation Address**	Swansea University Bay Campus - Dryslwyn 1B & Nest 2, Reception - Ground Floor Tower Information Centre, Fabian Way, Crymlyn Burrows, Swansea, West Glamorgan	**Postcode**	SA1 8EN		

Distribution board details - Complete in every case

Location: Room 3 Riser [Schneider]
Designation: DB CL2/11-2
Num. of ways: 4 Num. of phases: 1
Supply polarity confirmed: ☑ Phase sequence confirmed: ☐

Complete only if the distribution board is not connected directly to the origin of the installation

Supply to distribution board is from: Sub Mains(DB CL2, 11/L2)
Overcurrent protective device for the distribution circuit: BS(EN) 61009 RCD/RCBO Type B Rating 32 A Voltage 230 V

Characteristics at this distribution board

Associated RCD(if any): BS (EN) 61008
Z_d 0.46 Ω No. of poles 2
I_{pf} 0.50 kA IΔn 30
Time delay (if applicable) N/A
Operating at 1 IΔn: Above 30mA 28.8 ms
Operating at 5 IΔn: 30mA or below 27.2 ms
(if applicable)

Test instrument serial number(s)

Loop impedance: 100701/4664
Insulation resistance: 100701/4664
Continuity: 100701/4664
RCD: 100701/4664

CIRCUIT DETAILS / TEST RESULTS

Circuit No. and Line No.	Distribution board Designation / Circuit designation	Type of wiring	Ref. method	No. of points	Circuit conductors csa (mm²) L / N	Circuit conductors csa (mm²) CPC	Maximum disconnection	Overcurrent protective devices BS EN Number	Type No.	Rating (A)	Breaking capacity (KA)	RCD operating (mA)	BS 7671 Max. permitted Zs Other 80% (Ω)	Circuit impedance Ω Ring final circuits only (measured end-to-end) r1	rn	r2	Fig 8 check (✓)	All circuits to be completed using R1R2 or R2, not both R1 + R2	R2	Insulation resistance (Record lower reading) Test voltage V	L/L, L/N M(Ω)	L/E, N/E M(Ω)	Polarity (✓)	Max. Measured Zs (Ω)	RCD testing Above 30mA IΔn ms	30mA or below 5 IΔn ms	Manual test button operation RCD (✓)	AFDD (✓)
1/L2	Sockets	A	B	6	2.5	1.5	0.4	60898 MCB	B	10	6	N/A	3.49	N/A	N/A	N/A	N/A	0.12	N/A	250	LIM	>299	✓	0.74	N/A	N/A	N/A	N/A
2/L2	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
3/L2	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
4/L2	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Details of circuits and/or installed equipment vulnerable to damage when testing

Date(s) dead testing: 26/07/2022 To 26/07/2022

Date(s) live testing: 26/07/2022 To 26/07/2022

Tested by: Name (capital letters): LIAM KIMBLE Position: Electrical Test Engineer Date: 26/07/2022

Signature:

Wiring Types. A PVC/PVC, B PVC cables in metallic Conduit, C PVC cables in non-metallic Conduit, D PVC cables in metallic trunking, E PVC cables in non-metallic trunking, F PVC/SWA cables, G SWA/XPLE cables, H Mineral Insulated, MW Metal Work, FM Ferrous Metal, O Other
A/A1 - Single Core PVC Cables (4D1A), A/A2 - Multicore PVC Cables (4D2A), F/F1 - Single-core armoures PVC SWA Cables (4D3A), F/F2 - PVC SWA Cables (4D4A), A/A3 - PVC Twin & Earth (4D5), O/O1 - LSF single core cables 90°C rated (4E1A), O/O2 - Multi-core LSF cables 90°C rated (4E2A), G/G1 - Single-core armoured XLPE cables or 90°C rated (4E3A), G/G2 - Multi-core armoured XLPE cables or 90°C rated (4E4A), H/H1 - MICC exposed to touch (4G1A)

ELECTRICAL INSTALLATION CONDITION REPORT - Schedule of Tests

for Industrial/Commercial Premises

FT/EICR 110151231

Requirements for Electrical Installations
BS 7671:2018 (IET Wiring Regulations 18th Edition)

Company Name	PHS Compliance	**Company Address**	Kid Glove Road	**Postcode**	WA3 3GR	**Branch No.**	**Scheme No.**
Client	UPP Residential Services Ltd	**Installation Address**	Swansea University Bay Campus - Dryslwyn 1B & Nest 2, Reception - Ground Floor Tower Information Centre, Fabian Way, Crymlyn Burrows, Swansea, West Glamorgan	**Postcode**	SA1 8EN		

Distribution board details - Complete in every case

Location: Room 7 Riser [Schneider]
Designation: DB CL2/12
Num. of ways: 4 Num. of phases: 1
Supply polarity confirmed: ☑ Phase sequence confirmed: ☐

Complete only if the distribution board is not connected directly to the origin of the installation

Supply to distribution board is from: Sub Mains(DB CL2, 12/L2)
Overcurrent protective device for the distribution circuit: BS(EN) 61009 RCD/RCBO Type B Rating 32 A Voltage 230 V

Characteristics at this distribution board

Associated RCD(if any): BS (EN) 61008
Z_d 0.36 Ω No. of poles 2
I_{pf} 0.62 kA IΔn 30
Time delay (if applicable) N/A
Operating at 1 IΔn: Above 30mA 28.4 ms
Operating at 5 IΔn: 30mA or below 18.5 ms
(if applicable)

Test instrument serial number(s)

Loop impedance: 100701/4664
Insulation resistance: 100701/4664
Continuity: 100701/4664
RCD: 100701/4664

CIRCUIT DETAILS / TEST RESULTS

Circuit No. and Line No.	Distribution board Designation / Circuit designation	Type of wiring	Ref. method	No. of points	Circuit conductors csa (mm²) L / N	Circuit conductors csa (mm²) CPC	Maximum disconnection	Overcurrent protective devices BS EN Number	Type No.	Rating (A)	Breaking capacity (KA)	RCD operating (mA)	BS 7671 Max. permitted Zs Other 80% (Ω)	Circuit impedance Ω Ring final circuits only (measured end-to-end) r1	rn	r2	Fig 8 check (✓)	All circuits to be completed using R1R2 or R2, not both R1 + R2	R2	Insulation resistance (Record lower reading) Test voltage V	L/L, L/N M(Ω)	L/E, N/E M(Ω)	Polarity (✓)	Max. Measured Zs (Ω)	RCD testing Above 30mA IΔn ms	30mA or below 5 IΔn ms	Manual test button operation RCD (✓)	AFDD (✓)
1/L2	Sockets	A	B	6	2.5	1.5	0.4	60898 MCB	B	10	6	N/A	3.49	N/A	N/A	N/A	N/A	0.18	N/A	250	LIM	>299	✓	0.84	N/A	N/A	N/A	N/A
2/L2	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
3/L2	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
4/L2	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Details of circuits and/or installed equipment vulnerable to damage when testing

Date(s) dead testing: 26/07/2022 To 26/07/2022

Date(s) live testing: 26/07/2022 To 26/07/2022

Tested by: Name (capital letters): LIAM KIMBLE Position: Electrical Test Engineer Date: 26/07/2022

Signature:

Wiring Types. A PVC/PVC, B PVC cables in metallic Conduit, C PVC cables in non-metallic Conduit, D PVC cables in metallic trunking, E PVC cables in non-metallic trunking, F PVC/SWA cables, G SWA/XPLE cables, H Mineral Insulated, MW Metal Work, FM Ferrous Metal, O Other
A/A1 - Single Core PVC Cables (4D1A), A/A2 - Multicore PVC Cables (4D2A), F/F1 - Single-core armoures PVC SWA Cables (4D3A), F/F2 - PVC SWA Cables (4D4A), A/A3 - PVC Twin & Earth (4D5), O/O1 - LSF single core cables 90°C rated (4E1A), O/O2 - Multi-core LSF cables 90°C rated (4E2A), G/G1 - Single-core armoured XLPE cables or 90°C rated (4E3A), G/G2 - Multi-core armoured XLPE cables or 90°C rated (4E4A), H/H1 - MICC exposed to touch (4G1A)

ELECTRICAL INSTALLATION CONDITION REPORT - Schedule of Tests

for Industrial/Commercial Premises

FT/EICR 110151231

Requirements for Electrical Installations
BS 7671:2018 (IET Wiring Regulations 18th Edition)

Company Name	PHS Compliance	**Company Address**	Kid Glove Road	**Postcode**	WA3 3GR	**Branch No.**	**Scheme No.**
Client	UPP Residential Services Ltd	**Installation Address**	Swansea University Bay Campus - Dryslwyn 1B & Nest 2, Reception - Ground Floor Tower Information Centre, Fabian Way, Crymlyn Burrows, Swansea, West Glamorgan	**Postcode**	SA1 8EN		

Distribution board details - Complete in every case

Location: Room 8 Riser [Schneider]
Designation: DB CL2/12-1
Num. of ways: 4 Num. of phases: 1
Supply polarity confirmed: ☑ Phase sequence confirmed: ☐

Complete only if the distribution board is not connected directly to the origin of the installation

Supply to distribution board is from: Sub Mains(DB CL2, 12/L2)
Overcurrent protective device for the distribution circuit: BS(EN) 61009 RCD/RCBO Type B Rating 32 A Voltage 230 V

Characteristics at this distribution board

Associated RCD(if any): BS (EN) 61008
Z_d 0.36 Ω No. of poles 2
I_{pf} 0.62 kA IΔn 30
Time delay (if applicable) N/A
Operating at 1 IΔn: Above 30mA 28.4 ms
Operating at 5 IΔn: 30mA or below 18.5 ms
(if applicable)

Test instrument serial number(s)

Loop impedance: 100701/4664
Insulation resistance: 100701/4664
Continuity: 100701/4664
RCD: 100701/4664

CIRCUIT DETAILS / TEST RESULTS

Circuit No. and Line No.	Distribution board Designation / Circuit designation	Type of wiring	Ref. method	No. of points	Circuit conductors csa (mm²) L / N	Circuit conductors csa (mm²) CPC	Maximum disconnection	Overcurrent protective devices BS EN Number	Type No.	Rating (A)	Breaking capacity (KA)	RCD operating (mA)	BS 7671 Max. permitted Zs Other 80% (Ω)	Circuit impedance Ω Ring final circuits only (measured end-to-end) r1	rn	r2	Fig 8 check (✓)	All circuits to be completed using R1R2 or R2, not both R1 + R2	R2	Insulation resistance (Record lower reading) Test voltage V	L/L, L/N M(Ω)	L/E, N/E M(Ω)	Polarity (✓)	Max. Measured Zs (Ω)	RCD testing Above 30mA IΔn ms	30mA or below 5 IΔn ms	Manual test button operation RCD (✓)	AFDD (✓)
1/L2	Sockets	A	B	6	2.5	1.5	0.4	60898 MCB	B	10	6	N/A	3.49	N/A	N/A	N/A	N/A	0.15	N/A	250	LIM	>299	✓	0.74	N/A	N/A	N/A	N/A
2/L2	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
3/L2	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
4/L2	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Details of circuits and/or installed equipment vulnerable to damage when testing

Date(s) dead testing: 26/07/2022 To 26/07/2022

Date(s) live testing: 26/07/2022 To 26/07/2022

Tested by: Name (capital letters): LIAM KIMBLE Position: Electrical Test Engineer Date: 26/07/2022

Signature:

Wiring Types. A PVC/PVC, B PVC cables in metallic Conduit, C PVC cables in non-metallic Conduit, D PVC cables in metallic trunking, E PVC cables in non-metallic trunking, F PVC/SWA cables, G SWA/XPLE cables, H Mineral Insulated, MW Metal Work, FM Ferrous Metal, O Other
A/A1 - Single Core PVC Cables (4D1A), A/A2 - Multicore PVC Cables (4D2A), F/F1 - Single-core armoures PVC SWA Cables (4D3A), F/F2 - PVC SWA Cables (4D4A), A/A3 - PVC Twin & Earth (4D5), O/O1 - LSF single core cables 90°C rated (4E1A), O/O2 - Multi-core LSF cables 90°C rated (4E2A), G/G1 - Single-core armoured XLPE cables or 90°C rated (4E3A), G/G2 - Multi-core armoured XLPE cables or 90°C rated (4E4A), H/H1 - MICC exposed to touch (4G1A)

ELECTRICAL INSTALLATION CONDITION REPORT - Schedule of Tests

for Industrial/Commercial Premises

FT/EICR 110151231

Requirements for Electrical Installations
BS 7671:2018 (IET Wiring Regulations 18th Edition)

Company Name	PHS Compliance	**Company Address**	Kid Glove Road	**Postcode**	WA3 3GR	**Branch No.**	**Scheme No.**
Client	UPP Residential Services Ltd	**Installation Address**	Swansea University Bay Campus - Dryslwyn 1B & Nest 2, Reception - Ground Floor Tower Information Centre, Fabian Way, Crymlyn Burrows, Swansea, West Glamorgan	**Postcode**	SA1 8EN		

Distribution board details - Complete in every case

Location: Room X Riser [Schneider]
Designation: DB CL2/12-2
Num. of ways: 4 Num. of phases: 1
Supply polarity confirmed: ☑ Phase sequence confirmed: ☐

Complete only if the distribution board is not connected directly to the origin of the installation

Supply to distribution board is from: Sub Mains(DB CL2, 12/L2)
Overcurrent protective device for the distribution circuit: BS(EN) 61009 RCD/RCBO Type B Rating 32 A Voltage 230 V

Characteristics at this distribution board

Associated RCD(if any): BS (EN) 61008
Z_d 0.36 Ω No. of poles 2
I_{pf} 0.62 kA IΔn 30
Time delay (if applicable) N/A
Operating at 1 IΔn: Above 30mA 28.4 ms
Operating at 5 IΔn: 30mA or below 18.5 ms
(if applicable)

Test instrument serial number(s)

Loop impedance: 100701/4664
Insulation resistance: 100701/4664
Continuity: 100701/4664
RCD: 100701/4664

CIRCUIT DETAILS / TEST RESULTS

Circuit No. and Line No.	Distribution board Designation / Circuit designation	Type of wiring	Ref. method	No. of points	Circuit conductors csa (mm²) L / N	Circuit conductors csa (mm²) CPC	Maximum disconnection	Overcurrent protective devices BS EN Number	Type No.	Rating (A)	Breaking capacity (KA)	RCD operating (mA)	BS 7671 Max. permitted Zs Other 80% (Ω)	Circuit impedance Ω Ring final circuits only (measured end-to-end) r1	rn	r2	Fig 8 check (✓)	All circuits to be completed using R1R2 or R2, not both R1 + R2	R2	Insulation resistance (Record lower reading) Test voltage V	L/L, L/N M(Ω)	L/E, N/E M(Ω)	Polarity (✓)	Max. Measured Zs (Ω)	RCD testing Above 30mA IΔn ms	30mA or below 5 IΔn ms	Manual test button operation RCD (✓)	AFDD (✓)
1/L2	Sockets	A	B	6	2.5	1.5	0.4	60898 MCB	B	10	6	N/A	3.49	N/A	N/A	N/A	N/A	0.16	N/A	250	LIM	>299	✓	0.82	N/A	N/A	N/A	N/A
2/L2	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
3/L2	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
4/L2	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Details of circuits and/or installed equipment vulnerable to damage when testing

Date(s) dead testing: 26/07/2022 To 26/07/2022

Date(s) live testing: 26/07/2022 To 26/07/2022

Tested by: Name (capital letters): LIAM KIMBLE Position: Electrical Test Engineer Date: 26/07/2022

Signature

Wiring Types. A PVC/PVC, B PVC cables in metallic Conduit, C PVC cables in non-metallic Conduit, D PVC cables in metallic trunking, E PVC cables in non-metallic trunking, F PVC/SWA cables, G SWA/XPLE cables, H Mineral Insulated, MW Metal Work, FM Ferrous Metal, O Other
A/A1 - Single Core PVC Cables (4D1A), A/A2 - Multicore PVC Cables (4D2A), F/F1 - Single-core armoures PVC SWA Cables (4D3A), F/F2 - PVC SWA Cables (4D4A), A/A3 - PVC Twin & Earth (4D5), O/O1 - LSF single core cables 90°C rated (4E1A), O/O2 - Multi-core LSF cables 90°C rated (4E2A), G/G1 - Single-core armoured XLPE cables or 90°C rated (4E3A), G/G2 - Multi-core armoured XLPE cables or 90°C rated (4E4A), H/H1 - MICC exposed to touch (4G1A)

ELECTRICAL INSTALLATION CONDITION REPORT - Schedule of Tests

for Industrial/Commercial Premises

FT/EICR 110151231

Requirements for Electrical Installations
BS 7671:2018 (IET Wiring Regulations 18th Edition)

Company Name	PHS Compliance	**Company Address**	Kid Glove Road	**Postcode**	WA3 3GR	**Branch No.**	**Scheme No.**
Client	UPP Residential Services Ltd	**Installation Address**	Swansea University Bay Campus - Dryslwyn 1B & Nest 2, Reception - Ground Floor Tower Information Centre, Fabian Way, Crymlyn Burrows, Swansea, West Glamorgan	**Postcode**	SA1 8EN		

Distribution board details - Complete in every case

Location: Room 5 Riser [Schneider]
Designation: DB CL3/9
Num. of ways: 4 Num. of phases: 1
Supply polarity confirmed: ☑ Phase sequence confirmed: ☐

Complete only if the distribution board is not connected directly to the origin of the installation

Supply to distribution board is from: Sub Mains(DB CL3, 9/L1)
Overcurrent protective device for the distribution circuit: BS(EN) 61009 RCD/RCBO Type B Rating 32 A Voltage 230 V

Characteristics at this distribution board

Associated RCD(if any): BS (EN) 61008
Z_d 0.36 Ω No. of poles 2
I_{pf} 0.64 kA IΔn 30
Time delay (if applicable) N/A
Operating at 1 IΔn Above 30mA 27.4 ms
Operating at 5 IΔn 30mA or below 27.2 ms
(if applicable)

Test instrument serial number(s)

Loop impedance 100701/4664
Insulation resistance 100701/4664
Continuity 100701/4664
RCD 100701/4664

CIRCUIT DETAILS / TEST RESULTS

Circuit No. and Line No.	Distribution board Designation / Circuit designation	Type of wiring	Ref. method	No. of points	Circuit conductors csa (mm²) L / N	Circuit conductors csa (mm²) CPC	Maximum disconnection	Overcurrent protective devices BS EN Number	Type No.	Rating (A)	Breaking capacity (KA)	RCD operating (mA)	BS 7671 Max. permitted Zs Other 80% (Ω)	Circuit impedance Ω Ring final circuits only (measured end-to-end) r1	rn	r2	Fig 8 check (✓)	All circuits to be completed using R1R2 or R2, not both R1 + R2	R2	Insulation resistance (Record lower reading) Test voltage V	L/L, L/N M(Ω)	L/E, N/E M(Ω)	Polarity (✓)	Max. Measured Zs (Ω)	RCD testing Above 30mA IΔn ms	30mA or below 5 IΔn ms	Manual test button operation RCD (✓)	AFDD (✓)
1/L1	Sockets	A	B	6	2.5	1.5	0.4	60898 MCB	B	10	6	N/A	3.49	N/A	N/A	N/A	N/A	0.20	N/A	250	LIM	>299	✓	0.95	N/A	N/A	N/A	N/A
2/L1	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
3/L1	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
4/L1	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Details of circuits and/or installed equipment vulnerable to damage when testing

Date(s) dead testing 26/07/2022 To 26/07/2022

Date(s) live testing 26/07/2022 To 26/07/2022

Tested by: Name (capital letters) LIAM KIMBLE Position Electrical Test Engineer Date 26/07/2022

Signature

Wiring Types. A PVC/PVC, B PVC cables in metallic Conduit, C PVC cables in non-metallic Conduit, D PVC cables in metallic trunking, E PVC cables in non-metallic trunking, F PVC/SWA cables, G SWA/XPLE cables, H Mineral Insulated, MW Metal Work, FM Ferrous Metal, O Other
A/A1 - Single Core PVC Cables (4D1A), A/A2 - Multicore PVC Cables (4D2A), F/F1 - Single-core armoures PVC SWA Cables (4D3A), F/F2 - PVC SWA Cables (4D4A), A/A3 - PVC Twin & Earth (4D5), O/O1 - LSF single core cables 90°C rated (4E1A), O/O2 - Multi-core LSF cables 90°C rated (4E2A), G/G1 - Single-core armoured XLPE cables or 90°C rated (4E3A), G/G2 - Multi-core armoured XLPE cables or 90°C rated (4E4A), H/H1 - MICC exposed to touch (4G1A)

ELECTRICAL INSTALLATION CONDITION REPORT - Schedule of Tests

for Industrial/Commercial Premises

FT/EICR 110151231

Requirements for Electrical Installations
BS 7671:2018 (IET Wiring Regulations 18th Edition)

Company Name	PHS Compliance	**Company Address**	Kid Glove Road	**Postcode**	WA3 3GR	**Branch No.**	**Scheme No.**
Client	UPP Residential Services Ltd	**Installation Address**	Swansea University Bay Campus - Dryslwyn 1B & Nest 2, Reception - Ground Floor Tower Information Centre, Fabian Way, Crymlyn Burrows, Swansea, West Glamorgan	**Postcode**	SA1 8EN		

Distribution board details - Complete in every case

Location: Room 6 Riser [Schneider]
Designation: DB CL3/9-1
Num. of ways: 4 Num. of phases: 1
Supply polarity confirmed: ☑ Phase sequence confirmed: ☐

Complete only if the distribution board is not connected directly to the origin of the installation

Supply to distribution board is from: Sub Mains(DB CL3, 9/L1)
Overcurrent protective device for the distribution circuit: BS(EN) 61009 RCD/RCBO Type B Rating 32 A Voltage 230 V

Characteristics at this distribution board

Associated RCD(if any): BS (EN) 61008
Z_d 0.36 Ω No. of poles 2
I_{pf} 0.64 kA IΔn 30
Time delay (if applicable) N/A
Operating at 1 IΔn: Above 30mA 27.4 ms
Operating at 5 IΔn: 30mA or below 27.2 ms
(if applicable)

Test instrument serial number(s)

Loop impedance: 100701/4664
Insulation resistance: 100701/4664
Continuity: 100701/4664
RCD: 100701/4664

CIRCUIT DETAILS / TEST RESULTS

Circuit No. and Line No.	Distribution board Designation / Circuit designation	Type of wiring	Ref. method	No. of points	Circuit conductors csa (mm²) L / N	Circuit conductors csa (mm²) CPC	Maximum disconnection	Overcurrent protective devices BS EN Number	Type No.	Rating (A)	Breaking capacity (KA)	RCD operating (mA)	BS 7671 Max. permitted Zs Other 80% (Ω)	Circuit impedance Ω Ring final circuits only (measured end-to-end) r1	rn	r2	Fig 8 check (✓)	All circuits to be completed using R1R2 or R2, not both R1 + R2	R2	Insulation resistance (Record lower reading) Test voltage V	L/L, L/N M(Ω)	L/E, N/E M(Ω)	Polarity (✓)	Max. Measured Zs (Ω)	RCD testing Above 30mA IΔn ms	30mA or below 5 IΔn ms	Manual test button operation RCD (✓)	AFDD (✓)
1/L1	Sockets	A	B	6	2.5	1.5	0.4	60898 MCB	B	10	6	N/A	3.49	N/A	N/A	N/A	N/A	0.14	N/A	250	LIM	>299	✓	0.68	N/A	N/A	N/A	N/A
2/L1	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
3/L1	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
4/L1	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Details of circuits and/or installed equipment vulnerable to damage when testing

Date(s) dead testing: 26/07/2022 To: 26/07/2022

Date(s) live testing: 26/07/2022 To: 26/07/2022

Tested by: Name (capital letters): LIAM KIMBLE Position: Electrical Test Engineer Date: 26/07/2022

Signature

Wiring Types. A PVC/PVC, B PVC cables in metallic Conduit, C PVC cables in non-metallic Conduit, D PVC cables in metallic trunking, E PVC cables in non-metallic trunking, F PVC/SWA cables, G SWA/XPLE cables, H Mineral Insulated, MW Metal Work, FM Ferrous Metal, O Other
A/A1 - Single Core PVC Cables (4D1A), A/A2 - Multicore PVC Cables (4D2A), F/F1 - Single-core armoures PVC SWA Cables (4D3A), F/F2 - PVC SWA Cables (4D4A), A/A3 - PVC Twin & Earth (4D5), O/O1 - LSF single core cables 90°C rated (4E1A), O/O2 - Multi-core LSF cables 90°C rated (4E2A), G/G1 - Single-core armoured XLPE cables or 90°C rated (4E3A), G/G2 - Multi-core armoured XLPE cables or 90°C rated (4E4A), H/H1 - MICC exposed to touch (4G1A)

ELECTRICAL INSTALLATION CONDITION REPORT - Schedule of Tests

for Industrial/Commercial Premises

FT/EICR 110151231

Requirements for Electrical Installations
BS 7671:2018 (IET Wiring Regulations 18th Edition)

Company Name	PHS Compliance	**Company Address**	Kid Glove Road	**Postcode**	WA3 3GR	**Branch No.**	**Scheme No.**
Client	UPP Residential Services Ltd	**Installation Address**	Swansea University Bay Campus - Dryslwyn 1B & Nest 2, Reception - Ground Floor Tower Information Centre, Fabian Way, Crymlyn Burrows, Swansea, West Glamorgan	**Postcode**	SA1 8EN		

Distribution board details - Complete in every case

Location: Room 7 Riser [Schneider]
Designation: DB CL3/9-2
Num. of ways: 4 Num. of phases: 1
Supply polarity confirmed: ☑ Phase sequence confirmed: ☐

Complete only if the distribution board is not connected directly to the origin of the installation

Supply to distribution board is from: Sub Mains(DB CL3, 9/L1)
Overcurrent protective device for the distribution circuit: BS(EN) 61009 RCD/RCBO Type B Rating 32 A Voltage 230 V

Characteristics at this distribution board

Associated RCD(if any): BS (EN) 61008
Z_d 0.36 Ω No. of poles 2
I_{pf} 0.64 kA IΔn 30
Time delay (if applicable) N/A
Above 30mA Operating at 1 IΔn 27.4 ms
30mA or below Operating at 5 IΔn 27.2 ms
(if applicable)

Test instrument serial number(s)

Loop impedance 100701/4664
Insulation resistance 100701/4664
Continuity 100701/4664
RCD 100701/4664

CIRCUIT DETAILS / TEST RESULTS

Circuit No. and Line No.	Distribution board Designation / Circuit designation	Type of wiring	Ref. method	No. of points	Circuit conductors csa (mm²) L / N	Circuit conductors csa (mm²) CPC	Maximum disconnection	Overcurrent protective devices BS EN Number	Type No.	Rating (A)	Breaking capacity (KA)	RCD operating (mA)	BS 7671 Max. permitted Zs Other 80% (Ω)	Circuit impedance Ω Ring final circuits only (measured end-to-end) r1	rn	r2	Fig 8 check (✓)	All circuits to be completed using R1R2 or R2, not both R1 + R2	R2	Insulation resistance (Record lower reading) Test voltage V	L/L, L/N M(Ω)	L/E, N/E M(Ω)	Polarity (✓)	Max. Measured Zs (Ω)	RCD testing Above 30mA IΔn ms	30mA or below 5 IΔn ms	Manual test button operation RCD (✓)	AFDD (✓)
1/L1	Sockets	A	B	6	2.5	1.5	0.4	60898 MCB	B	10	6	N/A	3.49	N/A	N/A	N/A	N/A	0.17	N/A	250	LIM	>299	✓	0.64	N/A	N/A	N/A	N/A
2/L1	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
3/L1	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
4/L1	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Details of circuits and/or installed equipment vulnerable to damage when testing

Date(s) dead testing 26/07/2022 To 26/07/2022

Date(s) live testing 26/07/2022 To 26/07/2022

Tested by: Name (capital letters) LIAM KIMBLE Position Electrical Test Engineer Date 26/07/2022

Signature

Wiring Types. A PVC/PVC, B PVC cables in metallic Conduit, C PVC cables in non-metallic Conduit, D PVC cables in metallic trunking, E PVC cables in non-metallic trunking, F PVC/SWA cables, G SWA/XPLE cables, H Mineral Insulated, MW Metal Work, FM Ferrous Metal, O Other
A/A1 - Single Core PVC Cables (4D1A), A/A2 - Multicore PVC Cables (4D2A), F/F1 - Single-core armoures PVC SWA Cables (4D3A), F/F2 - PVC SWA Cables (4D4A), A/A3 - PVC Twin & Earth (4D5), O/O1 - LSF single core cables 90°C rated (4E1A), O/O2 - Multi-core LSF cables 90°C rated (4E2A), G/G1 - Single-core armoured XLPE cables or 90°C rated (4E3A), G/G2 - Multi-core armoured XLPE cables or 90°C rated (4E4A), H/H1 - MICC exposed to touch (4G1A)

ELECTRICAL INSTALLATION CONDITION REPORT - Schedule of Tests

for Industrial/Commercial Premises

FT/EICR 110151231

Requirements for Electrical Installations
BS 7671:2018 (IET Wiring Regulations 18th Edition)

Company Name	PHS Compliance	**Company Address**	Kid Glove Road	**Postcode**	WA3 3GR	**Branch No.**	**Scheme No.**
Client	UPP Residential Services Ltd	**Installation Address**	Swansea University Bay Campus - Dryslwyn 1B & Nest 2, Reception - Ground Floor Tower Information Centre, Fabian Way, Crymlyn Burrows, Swansea, West Glamorgan	**Postcode**	SA1 8EN		

Distribution board details - Complete in every case

Location: Room 1 Riser [Schneider]
Designation: DB CL3/10
Num. of ways: 4 Num. of phases: 1
Supply polarity confirmed: ☑ Phase sequence confirmed: ☐

Complete only if the distribution board is not connected directly to the origin of the installation

Supply to distribution board is from: Sub Mains(DB CL3, 10/L1)
Overcurrent protective device for the distribution circuit: BS(EN) 61009 RCD/RCBO Type B Rating 32 A Voltage 230 V

Characteristics at this distribution board

Associated RCD(if any): BS (EN) 61008
Z_d 0.34 Ω No. of poles 2
I_{pf} 0.68 kA IΔn 30
Time delay (if applicable) N/A
Operating at 1 IΔn: Above 30mA 28.4 ms
Operating at 5 IΔn: 30mA or below 26.5 ms
(if applicable)

Test instrument serial number(s)

Loop impedance: 100701/4664
Insulation resistance: 100701/4664
Continuity: 100701/4664
RCD: 100701/4664

CIRCUIT DETAILS / TEST RESULTS

Circuit No. and Line No.	Distribution board Designation / Circuit designation	Type of wiring	Ref. method	No. of points	Circuit conductors csa (mm²) L / N	Circuit conductors csa (mm²) CPC	Maximum disconnection	Overcurrent protective devices BS EN Number	Type No.	Rating (A)	Breaking capacity (KA)	RCD operating (mA)	BS 7671 Max. permitted Zs Other 80% (Ω)	Circuit impedance Ω Ring final circuits only (measured end-to-end) r1	rn	r2	Fig 8 check (✓)	All circuits to be completed using R1R2 or R2, not both R1 + R2	R2	Insulation resistance (Record lower reading) Test voltage V	L/L, L/N M(Ω)	L/E, N/E M(Ω)	Polarity (✓)	Max. Measured Zs (Ω)	RCD testing Above 30mA IΔn ms	30mA or below 5 IΔn ms	Manual test button operation RCD (✓)	AFDD (✓)
1/L1	Sockets	A	B	6	2.5	1.5	0.4	60898 MCB	B	10	6	N/A	3.49	N/A	N/A	N/A	N/A	0.19	N/A	250	LIM	>299	✓	0.74	N/A	N/A	N/A	N/A
2/L1	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
3/L1	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
4/L1	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Details of circuits and/or installed equipment vulnerable to damage when testing

Date(s) dead testing: 26/07/2022 To 26/07/2022

Date(s) live testing: 26/07/2022 To 26/07/2022

Tested by: Name (capital letters): LIAM KIMBLE Position: Electrical Test Engineer Date: 26/07/2022

Signature

Wiring Types. A PVC/PVC, B PVC cables in metallic Conduit, C PVC cables in non-metallic Conduit, D PVC cables in metallic trunking, E PVC cables in non-metallic trunking, F PVC/SWA cables, G SWA/XPLE cables, H Mineral Insulated, MW Metal Work, FM Ferrous Metal, O Other
A/A1 - Single Core PVC Cables (4D1A), A/A2 - Multicore PVC Cables (4D2A), F/F1 - Single-core armoures PVC SWA Cables (4D3A), F/F2 - PVC SWA Cables (4D4A), A/A3 - PVC Twin & Earth (4D5), O/O1 - LSF single core cables 90°C rated (4E1A), O/O2 - Multi-core LSF cables 90°C rated (4E2A), G/G1 - Single-core armoured XLPE cables or 90°C rated (4E3A), G/G2 - Multi-core armoured XLPE cables or 90°C rated (4E4A), H/H1 - MICC exposed to touch (4G1A)

ELECTRICAL INSTALLATION CONDITION REPORT - Schedule of Tests

for Industrial/Commercial Premises

FT/EICR 110151231

Requirements for Electrical Installations
BS 7671:2018 (IET Wiring Regulations 18th Edition)

Company Name	PHS Compliance	**Company Address**	Kid Glove Road	**Postcode**	WA3 3GR	**Branch No.**	**Scheme No.**
Client	UPP Residential Services Ltd	**Installation Address**	Swansea University Bay Campus - Dryslwyn 1B & Nest 2, Reception - Ground Floor Tower Information Centre, Fabian Way, Crymlyn Burrows, Swansea, West Glamorgan	**Postcode**	SA1 8EN		

Distribution board details - Complete in every case

Location: Room 2 Riser [Schneider]
Designation: DB CL3/10-1
Num. of ways: 4 Num. of phases: 1
Supply polarity confirmed: ☑ Phase sequence confirmed: ☐

Complete only if the distribution board is not connected directly to the origin of the installation

Supply to distribution board is from: Sub Mains(DB CL3, 10/L1)
Overcurrent protective device for the distribution circuit: BS(EN) 61009 RCD/RCBO Type B Rating 32 A Voltage 230 V

Characteristics at this distribution board

Associated RCD(if any): BS (EN) 61008
Z_d 0.34 Ω No. of poles 2
I_{pf} 0.68 kA IΔn 30
Time delay (if applicable) N/A
Operating at 1 IΔn: Above 30mA 28.4 ms
Operating at 5 IΔn: 30mA or below 26.5 ms
(if applicable)

Test instrument serial number(s)

Loop impedance: 100701/4664
Insulation resistance: 100701/4664
Continuity: 100701/4664
RCD: 100701/4664

CIRCUIT DETAILS / TEST RESULTS

Circuit No. and Line No.	Distribution board Designation / Circuit designation	Type of wiring	Ref. method	No. of points	Circuit conductors csa (mm²) L / N	Circuit conductors csa (mm²) CPC	Maximum disconnection	Overcurrent protective devices BS EN Number	Type No.	Rating (A)	Breaking capacity (KA)	RCD operating (mA)	BS 7671 Max. permitted Zs Other 80% (Ω)	Circuit impedance Ω Ring final circuits only (measured end-to-end) r1	rn	r2	Fig 8 check (✓)	All circuits to be completed using R1R2 or R2, not both R1 + R2	R2	Insulation resistance (Record lower reading) Test voltage V	L/L, L/N M(Ω)	L/E, N/E M(Ω)	Polarity (✓)	Max. Measured Zs (Ω)	RCD testing Above 30mA IΔn ms	30mA or below 5 IΔn ms	Manual test button operation RCD (✓)	AFDD (✓)
1/L1	Sockets	A	B	6	2.5	1.5	0.4	60898 MCB	B	10	6	N/A	3.49	N/A	N/A	N/A	N/A	0.18	N/A	250	LIM	>299	✓	0.77	N/A	N/A	N/A	N/A
2/L1	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
3/L1	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
4/L1	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Details of circuits and/or installed equipment vulnerable to damage when testing

Date(s) dead testing: 26/07/2022 To 26/07/2022

Date(s) live testing: 26/07/2022 To 26/07/2022

Tested by: Name (capital letters): LIAM KIMBLE Position: Electrical Test Engineer Date: 26/07/2022

Signature:

Wiring Types. A PVC/PVC, B PVC cables in metallic Conduit, C PVC cables in non-metallic Conduit, D PVC cables in metallic trunking, E PVC cables in non-metallic trunking, F PVC/SWA cables, G SWA/XPLE cables, H Mineral Insulated, MW Metal Work, FM Ferrous Metal, O Other
A/A1 - Single Core PVC Cables (4D1A), A/A2 - Multicore PVC Cables (4D2A), F/F1 - Single-core armoures PVC SWA Cables (4D3A), F/F2 - PVC SWA Cables (4D4A), A/A3 - PVC Twin & Earth (4D5), O/O1 - LSF single core cables 90°C rated (4E1A), O/O2 - Multi-core LSF cables 90°C rated (4E2A), G/G1 - Single-core armoured XLPE cables or 90°C rated (4E3A), G/G2 - Multi-core armoured XLPE cables or 90°C rated (4E4A), H/H1 - MICC exposed to touch (4G1A)

ELECTRICAL INSTALLATION CONDITION REPORT - Schedule of Tests

for Industrial/Commercial Premises

FT/EICR 110151231

Requirements for Electrical Installations
BS 7671:2018 (IET Wiring Regulations 18th Edition)

Company Name	PHS Compliance	**Company Address**	Kid Glove Road	**Postcode**	WA3 3GR	**Branch No.**	**Scheme No.**
Client	UPP Residential Services Ltd	**Installation Address**	Swansea University Bay Campus - Dryslwyn 1B & Nest 2, Reception - Ground Floor Tower Information Centre, Fabian Way, Crymlyn Burrows, Swansea, West Glamorgan	**Postcode**	SA1 8EN		

Distribution board details - Complete in every case

Location: Room 3 Riser [Schneider]
Designation: DB CL3/10-2
Num. of ways: 4 Num. of phases: 1
Supply polarity confirmed: ☑ Phase sequence confirmed: ☐

Complete only if the distribution board is not connected directly to the origin of the installation

Supply to distribution board is from: Sub Mains(DB CL3, 10/L1)
Overcurrent protective device for the distribution circuit: BS(EN) 61009 RCD/RCBO Type B Rating 32 A Voltage 230 V

Characteristics at this distribution board

Associated RCD(if any): BS (EN) 61008
Z_d 0.34 Ω No. of poles 2
I_{pf} 0.68 kA IΔn 30
Time delay (if applicable) N/A
Above 30mA Operating at 1 IΔn 28.4 ms
30mA or below Operating at 5 IΔn 26.5 ms
(if applicable)

Test instrument serial number(s)

Loop impedance 100701/4664
Insulation resistance 100701/4664
Continuity 100701/4664
RCD 100701/4664

CIRCUIT DETAILS / TEST RESULTS

Circuit No. and Line No.	Distribution board Designation / Circuit designation	Type of wiring	Ref. method	No. of points	Circuit conductors csa (mm²) L / N	Circuit conductors csa (mm²) CPC	Maximum disconnection	Overcurrent protective devices BS EN Number	Type No.	Rating (A)	Breaking capacity (KA)	RCD operating (mA)	BS 7671 Max. permitted Zs Other 80% (Ω)	Circuit impedance Ω Ring final circuits only (measured end-to-end) r1	rn	r2	Fig 8 check (✓)	All circuits to be completed using R1R2 or R2, not both R1 + R2	R2	Insulation resistance (Record lower reading) Test voltage V	L/L, L/N M(Ω)	L/E, N/E M(Ω)	Polarity (✓)	Max. Measured Zs (Ω)	RCD testing Above 30mA IΔn ms	30mA or below 5 IΔn ms	Manual test button operation RCD (✓)	AFDD (✓)
1/L1	Sockets	A	B	6	2.5	1.5	0.4	60898 MCB	B	10	6	N/A	3.49	N/A	N/A	N/A	N/A	0.16	N/A	250	LIM	>299	✓	0.67	N/A	N/A	N/A	N/A
2/L1	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
3/L1	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
4/L1	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Details of circuits and/or installed equipment vulnerable to damage when testing

Date(s) dead testing 26/07/2022 To 26/07/2022

Date(s) live testing 26/07/2022 To 26/07/2022

Tested by: Name (capital letters) LIAM KIMBLE Position Electrical Test Engineer Date 26/07/2022

Signature

Wiring Types. A PVC/PVC, B PVC cables in metallic Conduit, C PVC cables in non-metallic Conduit, D PVC cables in metallic trunking, E PVC cables in non-metallic trunking, F PVC/SWA cables, G SWA/XPLE cables, H Mineral Insulated, MW Metal Work, FM Ferrous Metal, O Other
A/A1 - Single Core PVC Cables (4D1A), A/A2 - Multicore PVC Cables (4D2A), F/F1 - Single-core armoures PVC SWA Cables (4D3A), F/F2 - PVC SWA Cables (4D4A), A/A3 - PVC Twin & Earth (4D5), O/O1 - LSF single core cables 90°C rated (4E1A), O/O2 - Multi-core LSF cables 90°C rated (4E2A), G/G1 - Single-core armoured XLPE cables or 90°C rated (4E3A), G/G2 - Multi-core armoured XLPE cables or 90°C rated (4E4A), H/H1 - MICC exposed to touch (4G1A)

ELECTRICAL INSTALLATION CONDITION REPORT - Schedule of Tests

for Industrial/Commercial Premises

FT/EICR 110151231

Requirements for Electrical Installations
BS 7671:2018 (IET Wiring Regulations 18th Edition)

Company Name	PHS Compliance	**Company Address**	Kid Glove Road	**Postcode**	WA3 3GR	**Branch No.**	**Scheme No.**
Client	UPP Residential Services Ltd	**Installation Address**	Swansea University Bay Campus - Dryslwyn 1B & Nest 2, Reception - Ground Floor Tower Information Centre, Fabian Way, Crymlyn Burrows, Swansea, West Glamorgan	**Postcode**	SA1 8EN		

Distribution board details - Complete in every case

Location: Flat 3 [Schneider]
Designation: DB CL6
Num. of ways: 18 Num. of phases: 1
Supply polarity confirmed ☑ Phase sequence confirmed ☐

Complete only if the distribution board is not connected directly to the origin of the installation

Supply to distribution board is from: Sub Mains(BB Nest, 2/TP)
Overcurrent protective device for the distribution circuit: BS(EN) 88-2 HRC Type gG Rating 63 A Voltage 400 V

Characteristics at this distribution board

Associated RCD(if any): BS (EN) N/A
Z_d 0.11 Ω No. of poles N/A
I_{pf} 2.02 kA IΔn N/A
Time delay (if applicable) N/A
Operating at 1 IΔn Above 30mA N/A ms
Operating at 5 IΔn 30mA or below N/A ms
(if applicable)

Test instrument serial number(s)

Loop impedance 100701/4664
Insulation resistance 100701/4664
Continuity 100701/4664
RCD 100701/4664

CIRCUIT DETAILS / TEST RESULTS

Circuit No. and Line No.	Distribution board Designation / Circuit designation	Type of wiring	Ref. method	No. of points	Circuit conductors csa (mm²) L / N	Circuit conductors csa (mm²) CPC	Maximum disconnection	Overcurrent protective devices BS EN Number	Type No.	Rating (A)	Breaking capacity (KA)	RCD operating (mA)	BS 7671 Max. permitted Zs Other 80% (Ω)	Circuit impedance Ω Ring final circuits only (measured end-to-end) r1	rn	r2	Fig 8 check (✓)	All circuits to be completed using R1R2 or R2, not both R1 + R2	R2	Insulation resistance (Record lower reading) Test voltage V	L/L, L/N M(Ω)	L/E, N/E M(Ω)	Polarity (✓)	Max. Measured Zs (Ω)	RCD testing Above 30mA IΔn ms	30mA or below 5 IΔn ms	Manual test button operation RCD (✓)	AFDD (✓)
1/L1	Bedroom Lighting 6,7	A	B	8	1.5	1	0.4	61009 RCD/RCBO	C	10	10	30	1.75	N/A	N/A	N/A	N/A	0.34	N/A	250	LIM	>299	✓	0.56	29.5	28.5	✓	N/A
2/L1	Bedroom Lighting 8,9	A	B	8	1.5	1	0.4	61009 RCD/RCBO	C	10	10	30	1.75	N/A	N/A	N/A	N/A	0.42	N/A	250	LIM	>299	✓	0.64	28.4	20.4	✓	N/A
3/L1	Bedroom Lighting 3,4,5	A	B	12	1.5	1	0.4	61009 RCD/RCBO	C	10	10	30	1.75	N/A	N/A	N/A	N/A	0.33	N/A	250	LIM	>299	✓	0.58	28.8	27.9	✓	N/A
4/L1	Bedroom Lighting 1,2	A	B	8	1.5	1	0.4	61009 RCD/RCBO	C	10	10	30	1.75	N/A	N/A	N/A	N/A	0.52	N/A	250	LIM	>299	✓	0.72	27.4	24.2	✓	N/A
5/L1	Common Room Lighting	A	B	6	1.5	1	0.4	61009 RCD/RCBO	C	10	10	30	1.75	N/A	N/A	N/A	N/A	0.28	N/A	250	LIM	>299	✓	0.55	29.0	27.2	✓	N/A
6/L1	Common Room Ring	A	B	8	2x2.5	2x1.5	0.4	61009 RCD/RCBO	B	32	10	30	1.09	0.36	0.36	0.52	✓	0.22	N/A	250	LIM	>299	✓	0.36	28.4	25.2	✓	N/A
7/L1	Common Room Ring 2	A	B	8	2x2.5	2x1.5	0.4	61009 RCD/RCBO	B	32	10	30	1.09	0.36	0.36	0.55	✓	0.23	N/A	250	LIM	>299	✓	0.40	29.2	27.5	✓	N/A
8/L1	Isolated	A	B	LIM	10	4	0.4	61009 RCD/RCBO	B	32	10	30	1.09	N/A	N/A	N/A	N/A	LIM	N/A	250	LIM	>299	LIM	LIM	LIM	LIM	LIM	N/A
9/L1	Isolated	A	B	LIM	10	4	0.4	61009 RCD/RCBO	B	32	10	30	1.09	N/A	N/A	N/A	N/A	LIM	N/A	250	LIM	>299	LIM	LIM	LIM	LIM	LIM	N/A
10/L1	Sub Mains(DB CL6/10, DB CL6/10-1, DB CL6/10-2)	A	B	3	2x2.5	2x1.5	5	61009 RCD/RCBO	B	32	10	30	1.09	0.53	0.50	0.62	✓	0.29	N/A	250	LIM	>299	✓	0.44	28.7	29.4	✓	N/A
11/L1	Sub Mains(DB CL6/11, DB CL6/11-1)	A	B	2	2x2.5	2x1.5	5	61009 RCD/RCBO	B	32	10	30	1.09	0.46	0.46	0.77	✓	0.31	N/A	250	LIM	>299	✓	0.48	28.5	25.1	✓	N/A
12/L1	Sub Mains(DB CL6/12, DB CL6/12-1)	A	B	2	2x2.5	2x1.5	5	61009 RCD/RCBO	B	32	10	30	1.09	0.40	0.40	0.65	✓	0.26	N/A	250	LIM	>299	✓	0.42	28.8	22.6	✓	N/A
13/L1	Sub Mains(DB CL6/13, DB CL6/13-1)	A	B	2	2x2.5	2x1.5	5	61009 RCD/RCBO	B	32	10	30	1.09	0.42	0.42	0.55	✓	0.24	N/A	250	LIM	>299	✓	0.36	28.8	26.4	✓	N/A

Details of circuits and/or installed equipment vulnerable to damage when testing

Date(s) dead testing 01/08/2022 To 01/08/2022

Date(s) live testing 01/08/2022 To 01/08/2022

Signature

Tested by: Name (capital letters) LIAM KIMBLE Position Electrical Test Engineer Date 01/08/2022

Wiring Types. A PVC/PVC, B PVC cables in metallic Conduit, C PVC cables in non-metallic Conduit, D PVC cables in metallic trunking, E PVC cables in non-metallic trunking, F PVC/SWA cables, G SWA/XPLE cables, H Mineral Insulated, MW Metal Work, FM Ferrous Metal, O Other
A/A1 - Single Core PVC Cables (4D1A), A/A2 - Multicore PVC Cables (4D2A), F/F1 - Single-core armoures PVC SWA Cables (4D3A), F/F2 - PVC SWA Cables (4D4A), A/A3 - PVC Twin & Earth (4D5), O/O1 - LSF single core cables 90°C rated (4E1A), O/O2 - Multi-core LSF cables 90°C rated (4E2A), G/G1 - Single-core armoured XLPE cables or 90°C rated (4E3A), G/G2 - Multi-core armoured XLPE cables or 90°C rated (4E4A), H/H1 - MICC exposed to touch (4G1A)

ELECTRICAL INSTALLATION CONDITION REPORT - Schedule of Tests

FT/EICR 110151231

for Industrial/Commercial Premises

Requirements for Electrical Installations
BS 7671:2018 (IET Wiring Regulations 18th Edition)

CIRCUIT DETAILS														TEST RESULTS																
Circuit No. and Line No.	Distribution board Designation / Circuit designation	Type of wiring	Ref. method	No. of points	Circuit conductors csa (mm²) L / N	Circuit conductors csa (mm²) CPC	Maximum disconnection	Overcurrent protective devices BS EN Number	Overcurrent protective devices Type No.	Overcurrent protective devices Rating (A)	Breaking capacity (KA)	RCD operating (mA)	BS 7671 Max. permitted Zs Other 80% (Ω)	Circuit impedance Ω Ring final circuits only (measured end-to-end) r1	rn	r2	Fig 8 check (✓)	All circuits to be completed using R1R2 or R2, not both R1 + R2	R2	Insulation resistance (Record lower reading) Test voltage V	L/L, L/N M(Ω)	L/E, N/E M(Ω)	Polarity (✓)	Max. Measured Zs (Ω)	RCD testing Above 30mA IΔn ms	30mA or below 5 IΔn ms	Manual test button operation RCD (✓)	AFDD (✓)
14/L1	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
15/L1	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
16/L1	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
17/L1	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
18/L1	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Details of circuits and/or installed equipment vulnerable to damage when testing

Date(s) dead testing 01/08/2022 To 01/08/2022

Date(s) live testing 01/08/2022 To 01/08/2022

Tested by: Name (capital letters) LIAM KIMBLE Position Electrical Test Engineer Date 01/08/2022

Signature

Wiring Types. A PVC/PVC, B PVC cables in metallic Conduit, C PVC cables in non-metallic Conduit, D PVC cables in metallic trunking, E PVC cables in non-metallic trunking, F PVC/SWA cables, G SWA/XPLE cables, H Mineral Insulated, MW Metal Work, FM Ferrous Metal, O Other
A/A1 - Single Core PVC Cables (4D1A), A/A2 - Multicore PVC Cables (4D2A), F/F1 - Single-core armoures PVC SWA Cables (4D3A), F/F2 - PVC SWA Cables (4D4A), A/A3 - PVC Twin & Earth (4D5), O/O1 - LSF single core cables 90°C rated (4E1A), O/O2 - Multi-core LSF cables 90°C rated (4E2A), G/G1 - Single-core armoured XLPE cables or 90°C rated (4E3A), G/G2 - Multi-core armoured XLPE cables or 90°C rated (4E4A), H/H1 - MICC exposed to touch (4G1A)

ELECTRICAL INSTALLATION CONDITION REPORT - Schedule of Tests

for Industrial/Commercial Premises

FT/EICR 110151231

Requirements for Electrical Installations
BS 7671:2018 (IET Wiring Regulations 18th Edition)

Company Name	PHS Compliance	**Company Address**	Kid Glove Road	**Postcode**	WA3 3GR	**Branch No.**	**Scheme No.**
Client	UPP Residential Services Ltd	**Installation Address**	Swansea University Bay Campus - Dryslwyn 1B & Nest 2, Reception - Ground Floor Tower Information Centre, Fabian Way, Crymlyn Burrows, Swansea, West Glamorgan	**Postcode**	SA1 8EN		

Distribution board details - Complete in every case

Location: Room 3 Riser [Schneider]
Designation: DB CL6/10
Num. of ways: 4 Num. of phases: 1
Supply polarity confirmed: ☑ Phase sequence confirmed: ☐

Complete only if the distribution board is not connected directly to the origin of the installation

Supply to distribution board is from: Sub Mains(DB CL6, 10/L1)
Overcurrent protective device for the distribution circuit: BS(EN) 61009 RCD/RCBO Type B Rating 32 A Voltage 230 V

Characteristics at this distribution board

Associated RCD(if any): BS (EN) 61008
Z_d 0.44 Ω No. of poles 2
I_{pf} 0.50 kA IΔn 30
Time delay (if applicable) N/A
Operating at 1 IΔn: Above 30mA 28.7 ms
Operating at 5 IΔn: 30mA or below 29.4 ms
(if applicable)

Test instrument serial number(s)

Loop impedance: 100701/4664
Insulation resistance: 100701/4664
Continuity: 100701/4664
RCD: 100701/4664

CIRCUIT DETAILS / TEST RESULTS

Circuit No. and Line No.	Distribution board Designation / Circuit designation	Type of wiring	Ref. method	No. of points	Circuit conductors csa (mm²) L / N	Circuit conductors csa (mm²) CPC	Maximum disconnection	Overcurrent protective devices BS EN Number	Type No.	Rating (A)	Breaking capacity (KA)	RCD operating (mA)	BS 7671 Max. permitted Zs Other 80% (Ω)	Circuit impedance Ω Ring final circuits only (measured end-to-end) r1	rn	r2	Fig 8 check (✓)	All circuits to be completed using R1R2 or R2, not both R1 + R2	R2	Insulation resistance (Record lower reading) Test voltage V	L/L, L/N M(Ω)	L/E, N/E M(Ω)	Polarity (✓)	Max. Measured Zs (Ω)	RCD testing Above 30mA IΔn ms	30mA or below 5 IΔn ms	Manual test button operation RCD (✓)	AFDD (✓)
1/L1	Sockets	A	B	6	2.5	1.5	0.4	60898 MCB	B	10	6	N/A	3.49	N/A	N/A	N/A	N/A	0.20	N/A	250	LIM	>299	✓	0.58	N/A	N/A	N/A	N/A
2/L1	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
3/L1	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
4/L1	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Details of circuits and/or installed equipment vulnerable to damage when testing

Date(s) dead testing: 26/07/2022 To 26/07/2022

Date(s) live testing: 26/07/2022 To 26/07/2022

Tested by: Name (capital letters): LIAM KIMBLE Position: Electrical Test Engineer Date: 26/07/2022

Signature:

Wiring Types. A PVC/PVC, B PVC cables in metallic Conduit, C PVC cables in non-metallic Conduit, D PVC cables in metallic trunking, E PVC cables in non-metallic trunking, F PVC/SWA cables, G SWA/XPLE cables, H Mineral Insulated, MW Metal Work, FM Ferrous Metal, O Other
A/A1 - Single Core PVC Cables (4D1A), A/A2 - Multicore PVC Cables (4D2A), F/F1 - Single-core armoures PVC SWA Cables (4D3A), F/F2 - PVC SWA Cables (4D4A), A/A3 - PVC Twin & Earth (4D5), O/O1 - LSF single core cables 90°C rated (4E1A), O/O2 - Multi-core LSF cables 90°C rated (4E2A), G/G1 - Single-core armoured XLPE cables or 90°C rated (4E3A), G/G2 - Multi-core armoured XLPE cables or 90°C rated (4E4A), H/H1 - MICC exposed to touch (4G1A)

ELECTRICAL INSTALLATION CONDITION REPORT - Schedule of Tests

for Industrial/Commercial Premises

FT/EICR 110151231

Requirements for Electrical Installations
BS 7671:2018 (IET Wiring Regulations 18th Edition)

Company Name	PHS Compliance	**Company Address**	Kid Glove Road	**Postcode**	WA3 3GR	**Branch No.**	**Scheme No.**
Client	UPP Residential Services Ltd	**Installation Address**	Swansea University Bay Campus - Dryslwyn 1B & Nest 2, Reception - Ground Floor Tower Information Centre, Fabian Way, Crymlyn Burrows, Swansea, West Glamorgan	**Postcode**	SA1 8EN		

Distribution board details - Complete in every case

Location: Room 4 Riser [Schneider]
Designation: DB CL6/10-1
Num. of ways: 4 Num. of phases: 1
Supply polarity confirmed: ☑ Phase sequence confirmed: ☐

Complete only if the distribution board is not connected directly to the origin of the installation

Supply to distribution board is from: Sub Mains(DB CL6, 10/L1)
Overcurrent protective device for the distribution circuit: BS(EN) 61009 RCD/RCBO Type B Rating 32 A Voltage 230 V

Characteristics at this distribution board

Associated RCD(if any): BS (EN) 61008
Z_d 0.44 Ω No. of poles 2
I_{pf} 0.50 kA IΔn 30
Time delay (if applicable) N/A
Operating at 1 IΔn: Above 30mA 28.7 ms
Operating at 5 IΔn: 30mA or below 29.4 ms
(if applicable)

Test instrument serial number(s)

Loop impedance: 100701/4664
Insulation resistance: 100701/4664
Continuity: 100701/4664
RCD: 100701/4664

CIRCUIT DETAILS / TEST RESULTS

Circuit No. and Line No.	Distribution board Designation / Circuit designation	Type of wiring	Ref. method	No. of points	Circuit conductors csa (mm²) L / N	Circuit conductors csa (mm²) CPC	Maximum disconnection	Overcurrent protective devices BS EN Number	Type No.	Rating (A)	Breaking capacity (KA)	RCD operating (mA)	BS 7671 Max. permitted Zs Other 80% (Ω)	Circuit impedance Ω Ring final circuits only (measured end-to-end) r1	rn	r2	Fig 8 check (✓)	All circuits to be completed using R1R2 or R2, not both R1 + R2	R2	Insulation resistance (Record lower reading) Test voltage V	L/L, L/N M(Ω)	L/E, N/E M(Ω)	Polarity (✓)	Max. Measured Zs (Ω)	RCD testing Above 30mA IΔn ms	30mA or below 5 IΔn ms	Manual test button operation RCD (✓)	AFDD (✓)
1/L1	Sockets	A	B	6	2.5	1.5	0.4	60898 MCB	B	10	6	N/A	3.49	N/A	N/A	N/A	N/A	0.20	N/A	250	LIM	>299	✓	0.63	N/A	N/A	N/A	N/A
2/L1	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
3/L1	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
4/L1	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Details of circuits and/or installed equipment vulnerable to damage when testing

Date(s) dead testing: 26/07/2022 To 26/07/2022

Date(s) live testing: 26/07/2022 To 26/07/2022

Tested by: Name (capital letters): LIAM KIMBLE Position: Electrical Test Engineer Date: 26/07/2022

Signature:

Wiring Types. A PVC/PVC, B PVC cables in metallic Conduit, C PVC cables in non-metallic Conduit, D PVC cables in metallic trunking, E PVC cables in non-metallic trunking, F PVC/SWA cables, G SWA/XPLE cables, H Mineral Insulated, MW Metal Work, FM Ferrous Metal, O Other
A/A1 - Single Core PVC Cables (4D1A), A/A2 - Multicore PVC Cables (4D2A), F/F1 - Single-core armoures PVC SWA Cables (4D3A), F/F2 - PVC SWA Cables (4D4A), A/A3 - PVC Twin & Earth (4D5), O/O1 - LSF single core cables 90°C rated (4E1A), O/O2 - Multi-core LSF cables 90°C rated (4E2A), G/G1 - Single-core armoured XLPE cables or 90°C rated (4E3A), G/G2 - Multi-core armoured XLPE cables or 90°C rated (4E4A), H/H1 - MICC exposed to touch (4G1A)

ELECTRICAL INSTALLATION CONDITION REPORT - Schedule of Tests

for Industrial/Commercial Premises

FT/EICR 110151231

Requirements for Electrical Installations
BS 7671:2018 (IET Wiring Regulations 18th Edition)

Company Name	PHS Compliance	**Company Address**	Kid Glove Road	**Postcode**	WA3 3GR	**Branch No.**	**Scheme No.**
Client	UPP Residential Services Ltd	**Installation Address**	Swansea University Bay Campus - Dryslwyn 1B & Nest 2, Reception - Ground Floor Tower Information Centre, Fabian Way, Crymlyn Burrows, Swansea, West Glamorgan	**Postcode**	SA1 8EN		

Distribution board details - Complete in every case

Location: Room 5 Riser [Schneider]
Designation: DB CL6/10-2
Num. of ways: 4 Num. of phases: 1
Supply polarity confirmed: ☑ Phase sequence confirmed: ☐

Complete only if the distribution board is not connected directly to the origin of the installation

Supply to distribution board is from: Sub Mains(DB CL6, 10/L1)
Overcurrent protective device for the distribution circuit: BS(EN) 61009 RCD/RCBO Type B Rating 32 A Voltage 230 V

Characteristics at this distribution board

Associated RCD(if any): BS (EN) 61008
Z_d 0.44 Ω No. of poles 2
I_{pf} 0.50 kA IΔn 30
Time delay (if applicable) N/A
Operating at 1 IΔn: Above 30mA 28.7 ms
Operating at 5 IΔn: 30mA or below 29.4 ms
(if applicable)

Test instrument serial number(s)

Loop impedance: 100701/4664
Insulation resistance: 100701/4664
Continuity: 100701/4664
RCD: 100701/4664

CIRCUIT DETAILS / TEST RESULTS

Circuit No. and Line No.	Distribution board Designation / Circuit designation	Type of wiring	Ref. method	No. of points	Circuit conductors csa (mm²) L / N	Circuit conductors csa (mm²) CPC	Maximum disconnection	Overcurrent protective devices BS EN Number	Type No.	Rating (A)	Breaking capacity (KA)	RCD operating (mA)	BS 7671 Max. permitted Zs Other 80% (Ω)	Circuit impedance Ω Ring final circuits only (measured end-to-end) r1	rn	r2	Fig 8 check (✓)	All circuits to be completed using R1R2 or R2, not both R1 + R2	R2	Insulation resistance (Record lower reading) Test voltage V	L/L, L/N M(Ω)	L/E, N/E M(Ω)	Polarity (✓)	Max. Measured Zs (Ω)	RCD testing Above 30mA IΔn ms	30mA or below 5 IΔn ms	Manual test button operation RCD (✓)	AFDD (✓)
1/L1	Sockets	A	B	6	2.5	1.5	0.4	60898 MCB	B	10	6	N/A	3.49	N/A	N/A	N/A	N/A	0.15	N/A	250	LIM	>299	✓	0.66	N/A	N/A	N/A	N/A
2/L1	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
3/L1	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
4/L1	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Details of circuits and/or installed equipment vulnerable to damage when testing

Date(s) dead testing: 26/07/2022 To 26/07/2022

Date(s) live testing: 26/07/2022 To 26/07/2022

Tested by: Name (capital letters): LIAM KIMBLE Position: Electrical Test Engineer Date: 26/07/2022

Signature:

Wiring Types. A PVC/PVC, B PVC cables in metallic Conduit, C PVC cables in non-metallic Conduit, D PVC cables in metallic trunking, E PVC cables in non-metallic trunking, F PVC/SWA cables, G SWA/XPLE cables, H Mineral Insulated, MW Metal Work, FM Ferrous Metal, O Other
A/A1 - Single Core PVC Cables (4D1A), A/A2 - Multicore PVC Cables (4D2A), F/F1 - Single-core armoures PVC SWA Cables (4D3A), F/F2 - PVC SWA Cables (4D4A), A/A3 - PVC Twin & Earth (4D5), O/O1 - LSF single core cables 90°C rated (4E1A), O/O2 - Multi-core LSF cables 90°C rated (4E2A), G/G1 - Single-core armoured XLPE cables or 90°C rated (4E3A), G/G2 - Multi-core armoured XLPE cables or 90°C rated (4E4A), H/H1 - MICC exposed to touch (4G1A)

ELECTRICAL INSTALLATION CONDITION REPORT - Schedule of Tests

for Industrial/Commercial Premises

FT/EICR 110151231

Requirements for Electrical Installations
BS 7671:2018 (IET Wiring Regulations 18th Edition)

Company Name	PHS Compliance	**Company Address**	Kid Glove Road	**Postcode**	WA3 3GR	**Branch No.**	**Scheme No.**
Client	UPP Residential Services Ltd	**Installation Address**	Swansea University Bay Campus - Dryslwyn 1B & Nest 2, Reception - Ground Floor Tower Information Centre, Fabian Way, Crymlyn Burrows, Swansea, West Glamorgan	**Postcode**	SA1 8EN		

Distribution board details - Complete in every case

Location: Room 6 Riser [Schneider]
Designation: DB CL6/11
Num. of ways: 4 Num. of phases: 1
Supply polarity confirmed: ☑ Phase sequence confirmed: ☐

Complete only if the distribution board is not connected directly to the origin of the installation

Supply to distribution board is from: Sub Mains(DB CL6, 11/L1)
Overcurrent protective device for the distribution circuit: BS(EN) 61009 RCD/RCBO Type B Rating 32 A Voltage 230 V

Characteristics at this distribution board

Associated RCD(if any): BS (EN) 61008
Z_d 0.48 Ω No. of poles 2
I_{pf} 0.48 kA IΔn 30
Time delay (if applicable) N/A
Operating at 1 IΔn: Above 30mA 28.5 ms
Operating at 5 IΔn: 30mA or below 25.1 ms
(if applicable)

Test instrument serial number(s)

Loop impedance: 100701/4664
Insulation resistance: 100701/4664
Continuity: 100701/4664
RCD: 100701/4664

CIRCUIT DETAILS / TEST RESULTS

Circuit No. and Line No.	Distribution board Designation / Circuit designation	Type of wiring	Ref. method	No. of points	Circuit conductors csa (mm²) L / N	Circuit conductors csa (mm²) CPC	Maximum disconnection	Overcurrent protective devices BS EN Number	Type No.	Rating (A)	Breaking capacity (KA)	RCD operating (mA)	BS 7671 Max. permitted Zs Other 80% (Ω)	Circuit impedance Ω Ring final circuits only (measured end-to-end) r1	rn	r2	Fig 8 check (✓)	All circuits to be completed using R1R2 or R2, not both R1 + R2	R2	Insulation resistance (Record lower reading) Test voltage V	L/L, L/N M(Ω)	L/E, N/E M(Ω)	Polarity (✓)	Max. Measured Zs (Ω)	RCD testing Above 30mA IΔn ms	30mA or below 5 IΔn ms	Manual test button operation RCD (✓)	AFDD (✓)
1/L1	Sockets	A	B	6	2.5	1.5	0.4	60898 MCB	B	10	6	N/A	3.49	N/A	N/A	N/A	N/A	0.16	N/A	250	LIM	>299	✓	0.64	N/A	N/A	N/A	N/A
2/L1	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
3/L1	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
4/L1	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Details of circuits and/or installed equipment vulnerable to damage when testing

Date(s) dead testing: 26/07/2022 To 26/07/2022

Date(s) live testing: 26/07/2022 To 26/07/2022

Tested by: Name (capital letters): LIAM KIMBLE Position: Electrical Test Engineer Date: 26/07/2022

Signature:

Wiring Types. A PVC/PVC, B PVC cables in metallic Conduit, C PVC cables in non-metallic Conduit, D PVC cables in metallic trunking, E PVC cables in non-metallic trunking, F PVC/SWA cables, G SWA/XPLE cables, H Mineral Insulated, MW Metal Work, FM Ferrous Metal, O Other
A/A1 - Single Core PVC Cables (4D1A), A/A2 - Multicore PVC Cables (4D2A), F/F1 - Single-core armoures PVC SWA Cables (4D3A), F/F2 - PVC SWA Cables (4D4A), A/A3 - PVC Twin & Earth (4D5), O/O1 - LSF single core cables 90°C rated (4E1A), O/O2 - Multi-core LSF cables 90°C rated (4E2A), G/G1 - Single-core armoured XLPE cables or 90°C rated (4E3A), G/G2 - Multi-core armoured XLPE cables or 90°C rated (4E4A), H/H1 - MICC exposed to touch (4G1A)

ELECTRICAL INSTALLATION CONDITION REPORT - Schedule of Tests

for Industrial/Commercial Premises

FT/EICR 110151231

Requirements for Electrical Installations
BS 7671:2018 (IET Wiring Regulations 18th Edition)

Company Name	PHS Compliance	**Company Address**	Kid Glove Road	**Postcode**	WA3 3GR	**Branch No.**	**Scheme No.**
Client	UPP Residential Services Ltd	**Installation Address**	Swansea University Bay Campus - Dryslwyn 1B & Nest 2, Reception - Ground Floor Tower Information Centre, Fabian Way, Crymlyn Burrows, Swansea, West Glamorgan	**Postcode**	SA1 8EN		

Distribution board details - Complete in every case

Location: Room 7 Riser [Schneider]
Designation: DB CL6/11-1
Num. of ways: 4 Num. of phases: 1
Supply polarity confirmed: ☑ Phase sequence confirmed: ☐

Complete only if the distribution board is not connected directly to the origin of the installation

Supply to distribution board is from: Sub Mains(DB CL6, 11/L1)
Overcurrent protective device for the distribution circuit: BS(EN) 61009 RCD/RCBO Type B Rating 32 A Voltage 230 V

Characteristics at this distribution board

Associated RCD(if any): BS (EN) 61008
Z_d 0.48 Ω No. of poles 2
I_{pf} 0.48 kA IΔn 30
Time delay (if applicable) N/A
Operating at 1 IΔn: Above 30mA 28.5 ms; 30mA or below
Operating at 5 IΔn 25.1 ms (if applicable)

Test instrument serial number(s)

Loop impedance 100701/4664
Insulation resistance 100701/4664
Continuity 100701/4664
RCD 100701/4664

CIRCUIT DETAILS / TEST RESULTS

Circuit No. and Line No.	Distribution board Designation: DB CL6/11-1 / Circuit designation	Type of wiring	Ref. method	No. of points	Circuit conductors csa (mm²) L / N	Circuit conductors csa (mm²) CPC	Maximum disconnection	Overcurrent protective devices BS EN Number	Type No.	Rating (A)	Breaking capacity (KA)	RCD operating (mA)	BS 7671 Max. permitted Zs Other 80% (Ω)	Circuit impedance Ω Ring final circuits only (measured end-to-end) r1	rn	r2	Fig 8 check (✓)	All circuits to be completed using R1R2 or R2, not both R1 + R2	R2	Insulation resistance (Record lower reading) Test voltage V	L/L, L/N M(Ω)	L/E, N/E M(Ω)	Polarity (✓)	Max. Measured Zs (Ω)	RCD testing Above 30mA IΔn ms	30mA or below 5 IΔn ms	Manual test button operation RCD (✓)	AFDD (✓)
1/L1	Sockets	A	B	6	2.5	1.5	0.4	60898 MCB	B	10	6	N/A	3.49	N/A	N/A	N/A	N/A	0.12	N/A	250	LIM	>299	✓	0.65	N/A	N/A	N/A	N/A
2/L1	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
3/L1	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
4/L1	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Details of circuits and/or installed equipment vulnerable to damage when testing

Date(s) dead testing 26/07/2022 To 26/07/2022

Date(s) live testing 26/07/2022 To 26/07/2022

Tested by: Name (capital letters) LIAM KIMBLE Position Electrical Test Engineer Date 26/07/2022

Signature

Wiring Types. A PVC/PVC, B PVC cables in metallic Conduit, C PVC cables in non-metallic Conduit, D PVC cables in metallic trunking, E PVC cables in non-metallic trunking, F PVC/SWA cables, G SWA/XPLE cables, H Mineral Insulated, MW Metal Work, FM Ferrous Metal, O Other
A/A1 - Single Core PVC Cables (4D1A), A/A2 - Multicore PVC Cables (4D2A), F/F1 - Single-core armoures PVC SWA Cables (4D3A), F/F2 - PVC SWA Cables (4D4A), A/A3 - PVC Twin & Earth (4D5), O/O1 - LSF single core cables 90°C rated (4E1A), O/O2 - Multi-core LSF cables 90°C rated (4E2A), G/G1 - Single-core armoured XLPE cables or 90°C rated (4E3A), G/G2 - Multi-core armoured XLPE cables or 90°C rated (4E4A), H/H1 - MICC exposed to touch (4G1A)

ELECTRICAL INSTALLATION CONDITION REPORT - Schedule of Tests

for Industrial/Commercial Premises

FT/EICR 110151231

Requirements for Electrical Installations
BS 7671:2018 (IET Wiring Regulations 18th Edition)

Company Name	PHS Compliance	**Company Address**	Kid Glove Road	**Postcode**	WA3 3GR	**Branch No.**	**Scheme No.**
Client	UPP Residential Services Ltd	**Installation Address**	Swansea University Bay Campus - Dryslwyn 1B & Nest 2, Reception - Ground Floor Tower Information Centre, Fabian Way, Crymlyn Burrows, Swansea, West Glamorgan	**Postcode**	SA1 8EN		

Distribution board details - Complete in every case

Location: Room 1 Riser [Schneider]
Designation: DB CL6/12
Num. of ways: 4 Num. of phases: 1
Supply polarity confirmed: ☑ Phase sequence confirmed: ☐

Complete only if the distribution board is not connected directly to the origin of the installation

Supply to distribution board is from: Sub Mains(DB CL6, 12/L1)
Overcurrent protective device for the distribution circuit: BS(EN) 61009 RCD/RCBO Type B Rating 32 A Voltage 230 V

Characteristics at this distribution board

Associated RCD(if any): BS (EN) 61008
Z_d 0.42 Ω No. of poles 2
I_{pf} 0.60 kA IΔn 30
Time delay (if applicable) N/A
Above 30mA Operating at 1 IΔn 28.8 ms
30mA or below Operating at 5 IΔn 22.6 ms
(if applicable)

Test instrument serial number(s)

Loop impedance 100701/4664
Insulation resistance 100701/4664
Continuity 100701/4664
RCD 100701/4664

CIRCUIT DETAILS / TEST RESULTS

Circuit No. and Line No.	Distribution board Designation / Circuit designation	Type of wiring	Ref. method	No. of points	Circuit conductors csa (mm²) L / N	Circuit conductors csa (mm²) CPC	Maximum disconnection	Overcurrent protective devices BS EN Number	Type No.	Rating (A)	Breaking capacity (KA)	RCD operating (mA)	BS 7671 Max. permitted Zs Other 80% (Ω)	Circuit impedance Ω Ring final circuits only (measured end-to-end) r1	rn	r2	Fig 8 check (✓)	All circuits to be completed using R1R2 or R2, not both R1 + R2	R2	Insulation resistance (Record lower reading) Test voltage V	L/L, L/N M(Ω)	L/E, N/E M(Ω)	Polarity (✓)	Max. Measured Zs (Ω)	RCD testing Above 30mA IΔn ms	30mA or below 5 IΔn ms	Manual test button operation RCD (✓)	AFDD (✓)
1/L1	Sockets	A	B	6	2.5	1.5	0.4	60898 MCB	B	10	6	N/A	3.49	N/A	N/A	N/A	N/A	0.16	N/A	250	LIM	>299	✓	0.65	N/A	N/A	N/A	N/A
2/L1	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
3/L1	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
4/L1	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Details of circuits and/or installed equipment vulnerable to damage when testing

Date(s) dead testing 26/07/2022 To 26/07/2022

Date(s) live testing 26/07/2022 To 26/07/2022

Tested by: Name (capital letters) LIAM KIMBLE Position Electrical Test Engineer Date 26/07/2022

Signature

Wiring Types. A PVC/PVC, B PVC cables in metallic Conduit, C PVC cables in non-metallic Conduit, D PVC cables in metallic trunking, E PVC cables in non-metallic trunking, F PVC/SWA cables, G SWA/XPLE cables, H Mineral Insulated, MW Metal Work, FM Ferrous Metal, O Other
A/A1 - Single Core PVC Cables (4D1A), A/A2 - Multicore PVC Cables (4D2A), F/F1 - Single-core armoures PVC SWA Cables (4D3A), F/F2 - PVC SWA Cables (4D4A), A/A3 - PVC Twin & Earth (4D5), O/O1 - LSF single core cables 90°C rated (4E1A), O/O2 - Multi-core LSF cables 90°C rated (4E2A), G/G1 - Single-core armoured XLPE cables or 90°C rated (4E3A), G/G2 - Multi-core armoured XLPE cables or 90°C rated (4E4A), H/H1 - MICC exposed to touch (4G1A)

ELECTRICAL INSTALLATION CONDITION REPORT - Schedule of Tests

for Industrial/Commercial Premises

FT/EICR 110151231

Requirements for Electrical Installations
BS 7671:2018 (IET Wiring Regulations 18th Edition)

Company Name	PHS Compliance	**Company Address**	Kid Glove Road	**Postcode**	WA3 3GR	**Branch No.**	**Scheme No.**
Client	UPP Residential Services Ltd	**Installation Address**	Swansea University Bay Campus - Dryslwyn 1B & Nest 2, Reception - Ground Floor Tower Information Centre, Fabian Way, Crymlyn Burrows, Swansea, West Glamorgan	**Postcode**	SA1 8EN		

Distribution board details - Complete in every case

Location: Room 2 Riser [Schneider]
Designation: DB CL6/12-1
Num. of ways: 4 Num. of phases: 1
Supply polarity confirmed: ☑ Phase sequence confirmed: ☐

Complete only if the distribution board is not connected directly to the origin of the installation

Supply to distribution board is from: Sub Mains(DB CL6, 12/L1)
Overcurrent protective device for the distribution circuit: BS(EN) 61009 RCD/RCBO Type B Rating 32 A Voltage 230 V

Characteristics at this distribution board

Associated RCD(if any): BS (EN) 61008
Z_d 0.42 Ω No. of poles 2
I_{pf} 0.60 kA IΔn 30
Time delay (if applicable) N/A
Operating at 1 IΔn: Above 30mA 28.8 ms
Operating at 5 IΔn: 30mA or below 22.6 ms
(if applicable)

Test instrument serial number(s)

Loop impedance: 100701/4664
Insulation resistance: 100701/4664
Continuity: 100701/4664
RCD: 100701/4664

CIRCUIT DETAILS / TEST RESULTS

Circuit No. and Line No.	Distribution board Designation / Circuit designation	Type of wiring	Ref. method	No. of points	Circuit conductors csa (mm²) L / N	Circuit conductors csa (mm²) CPC	Maximum disconnection	Overcurrent protective devices BS EN Number	Type No.	Rating (A)	Breaking capacity (KA)	RCD operating (mA)	BS 7671 Max. permitted Zs Other 80% (Ω)	Circuit impedance Ω Ring final circuits only (measured end-to-end) r1	rn	r2	Fig 8 check (✓)	All circuits to be completed using R1R2 or R2, not both R1 + R2	R2	Insulation resistance (Record lower reading) Test voltage V	L/L, L/N M(Ω)	L/E, N/E M(Ω)	Polarity (✓)	Max. Measured Zs (Ω)	RCD testing Above 30mA IΔn ms	30mA or below 5 IΔn ms	Manual test button operation RCD (✓)	AFDD (✓)
1/L1	Sockets	A	B	6	2.5	1.5	0.4	60898 MCB	B	10	6	N/A	3.49	N/A	N/A	N/A	N/A	0.14	N/A	250	LIM	>299	✓	0.75	N/A	N/A	N/A	N/A
2/L1	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
3/L1	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
4/L1	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Details of circuits and/or installed equipment vulnerable to damage when testing

Date(s) dead testing: 26/07/2022 To 26/07/2022

Date(s) live testing: 26/07/2022 To 26/07/2022

Tested by: Name (capital letters): LIAM KIMBLE Position: Electrical Test Engineer Date: 26/07/2022

Signature:

Wiring Types. A PVC/PVC, B PVC cables in metallic Conduit, C PVC cables in non-metallic Conduit, D PVC cables in metallic trunking, E PVC cables in non-metallic trunking, F PVC/SWA cables, G SWA/XPLE cables, H Mineral Insulated, MW Metal Work, FM Ferrous Metal, O Other
A/A1 - Single Core PVC Cables (4D1A), A/A2 - Multicore PVC Cables (4D2A), F/F1 - Single-core armoures PVC SWA Cables (4D3A), F/F2 - PVC SWA Cables (4D4A), A/A3 - PVC Twin & Earth (4D5), O/O1 - LSF single core cables 90°C rated (4E1A), O/O2 - Multi-core LSF cables 90°C rated (4E2A), G/G1 - Single-core armoured XLPE cables or 90°C rated (4E3A), G/G2 - Multi-core armoured XLPE cables or 90°C rated (4E4A), H/H1 - MICC exposed to touch (4G1A)

ELECTRICAL INSTALLATION CONDITION REPORT - Schedule of Tests

for Industrial/Commercial Premises

FT/EICR 110151231

Requirements for Electrical Installations
BS 7671:2018 (IET Wiring Regulations 18th Edition)

Company Name	PHS Compliance	**Company Address**	Kid Glove Road	**Postcode**	WA3 3GR	**Branch No.**	**Scheme No.**
Client	UPP Residential Services Ltd	**Installation Address**	Swansea University Bay Campus - Dryslwyn 1B & Nest 2, Reception - Ground Floor Tower Information Centre, Fabian Way, Crymlyn Burrows, Swansea, West Glamorgan	**Postcode**	SA1 8EN		

Distribution board details - Complete in every case

Location: Room 8 Riser [Schneider]
Designation: DB CL6/13
Num. of ways: 4 Num. of phases: 1
Supply polarity confirmed: ☑ Phase sequence confirmed: ☐

Complete only if the distribution board is not connected directly to the origin of the installation

Supply to distribution board is from: Sub Mains(DB CL6, 13/L1)
Overcurrent protective device for the distribution circuit: BS(EN) 61009 RCD/RCBO Type B Rating 32 A Voltage 230 V

Characteristics at this distribution board

Associated RCD(if any): BS (EN) 61008
Z_d 0.36 Ω No. of poles 2
I_{pf} 0.64 kA IΔn 30
Time delay (if applicable) N/A
Operating at 1 IΔn: Above 30mA 28.8 ms
Operating at 5 IΔn: 30mA or below 26.4 ms
(if applicable)

Test instrument serial number(s)

Loop impedance: 100701/4664
Insulation resistance: 100701/4664
Continuity: 100701/4664
RCD: 100701/4664

CIRCUIT DETAILS / TEST RESULTS

Circuit No. and Line No.	Distribution board Designation: DB CL6/13 / Circuit designation	Type of wiring	Ref. method	No. of points	Circuit conductors csa (mm²) L / N	Circuit conductors csa (mm²) CPC	Maximum disconnection	Overcurrent protective devices BS EN Number	Type No.	Rating (A)	Breaking capacity (KA)	RCD operating (mA)	BS 7671 Max. permitted Zs Other 80% (Ω)	Circuit impedance Ω: Ring final circuits only (measured end-to-end) r1	rn	r2	Fig 8 check (✓)	All circuits to be completed using R1R2 or R2, not both: R1 + R2	R2	Insulation resistance (Record lower reading): Test voltage V	L/L, L/N M(Ω)	L/E, N/E M(Ω)	Polarity (✓)	Max. Measured Zs (Ω)	RCD testing: Above 30mA IΔn ms	30mA or below 5 IΔn ms	Manual test button operation: RCD (✓)	AFDD (✓)
1/L1	Sockets	A	B	6	2.5	1.5	0.4	60898 MCB	B	10	6	N/A	3.49	N/A	N/A	N/A	N/A	0.14	N/A	250	LIM	>299	✓	0.62	N/A	N/A	N/A	N/A
2/L1	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
3/L1	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
4/L1	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Details of circuits and/or installed equipment vulnerable to damage when testing

Date(s) dead testing: 26/07/2022 To: 26/07/2022

Date(s) live testing: 26/07/2022 To: 26/07/2022

Tested by: Name (capital letters): LIAM KIMBLE Position: Electrical Test Engineer Date: 26/07/2022

Signature

Wiring Types. A PVC/PVC, B PVC cables in metallic Conduit, C PVC cables in non-metallic Conduit, D PVC cables in metallic trunking, E PVC cables in non-metallic trunking, F PVC/SWA cables, G SWA/XPLE cables, H Mineral Insulated, MW Metal Work, FM Ferrous Metal, O Other
A/A1 - Single Core PVC Cables (4D1A), A/A2 - Multicore PVC Cables (4D2A), F/F1 - Single-core armoures PVC SWA Cables (4D3A), F/F2 - PVC SWA Cables (4D4A), A/A3 - PVC Twin & Earth (4D5), O/O1 - LSF single core cables 90°C rated (4E1A), O/O2 - Multi-core LSF cables 90°C rated (4E2A), G/G1 - Single-core armoured XLPE cables or 90°C rated (4E3A), G/G2 - Multi-core armoured XLPE cables or 90°C rated (4E4A), H/H1 - MICC exposed to touch (4G1A)

ELECTRICAL INSTALLATION CONDITION REPORT - Schedule of Tests

for Industrial/Commercial Premises

FT/EICR 110151231

Requirements for Electrical Installations
BS 7671:2018 (IET Wiring Regulations 18th Edition)

Company Name	PHS Compliance	**Company Address**	Kid Glove Road	**Postcode**	WA3 3GR	**Branch No.**	**Scheme No.**
Client	UPP Residential Services Ltd	**Installation Address**	Swansea University Bay Campus - Dryslwyn 1B & Nest 2, Reception - Ground Floor Tower Information Centre, Fabian Way, Crymlyn Burrows, Swansea, West Glamorgan	**Postcode**	SA1 8EN		

Distribution board details - Complete in every case

Location: Room X Riser [Schneider]
Designation: DB CL6/13-1
Num. of ways: 4 Num. of phases: 1
Supply polarity confirmed: ☑ Phase sequence confirmed: ☐

Complete only if the distribution board is not connected directly to the origin of the installation

Supply to distribution board is from: Sub Mains(DB CL6, 13/L1)
Overcurrent protective device for the distribution circuit: BS(EN) 61009 RCD/RCBO Type B Rating 32 A Voltage 230 V

Characteristics at this distribution board

Associated RCD(if any): BS (EN) 61008
Z_d 0.36 Ω No. of poles 2
I_{pf} 0.64 kA IΔn 30
Time delay (if applicable) N/A
Operating at 1 IΔn Above 30mA 28.8 ms
Operating at 5 IΔn 30mA or below 26.4 ms
(if applicable)

Test instrument serial number(s)

Loop impedance 100701/4664
Insulation resistance 100701/4664
Continuity 100701/4664
RCD 100701/4664

CIRCUIT DETAILS / TEST RESULTS

Circuit No. and Line No.	Distribution board Designation / Circuit designation	Type of wiring	Ref. method	No. of points	Circuit conductors csa (mm²) L / N	Circuit conductors csa (mm²) CPC	Maximum disconnection	Overcurrent protective devices BS EN Number	Type No.	Rating (A)	Breaking capacity (KA)	RCD operating (mA)	BS 7671 Max. permitted Zs Other 80% (Ω)	Circuit impedance Ω Ring final circuits only (measured end-to-end) r1	rn	r2	Fig 8 check (✓)	All circuits to be completed using R1R2 or R2, not both R1 + R2	R2	Insulation resistance (Record lower reading) Test voltage V	L/L, L/N M(Ω)	L/E, N/E M(Ω)	Polarity (✓)	Max. Measured Zs (Ω)	RCD testing Above 30mA IΔn ms	30mA or below 5 IΔn ms	Manual test button operation RCD (✓)	AFDD (✓)
1/L1	Sockets	A	B	6	2.5	1.5	0.4	60898 MCB	B	10	6	N/A	3.49	N/A	N/A	N/A	N/A	0.17	N/A	250	LIM	>299	✓	0.76	N/A	N/A	N/A	N/A
2/L1	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
3/L1	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
4/L1	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Details of circuits and/or installed equipment vulnerable to damage when testing

Date(s) dead testing 26/07/2022 To 26/07/2022

Date(s) live testing 26/07/2022 To 26/07/2022

Tested by: Name (capital letters) LIAM KIMBLE Position Electrical Test Engineer Date 26/07/2022

Signature

Wiring Types. A PVC/PVC, B PVC cables in metallic Conduit, C PVC cables in non-metallic Conduit, D PVC cables in metallic trunking, E PVC cables in non-metallic trunking, F PVC/SWA cables, G SWA/XPLE cables, H Mineral Insulated, MW Metal Work, FM Ferrous Metal, O Other
A/A1 - Single Core PVC Cables (4D1A), A/A2 - Multicore PVC Cables (4D2A), F/F1 - Single-core armoures PVC SWA Cables (4D3A), F/F2 - PVC SWA Cables (4D4A), A/A3 - PVC Twin & Earth (4D5), O/O1 - LSF single core cables 90°C rated (4E1A), O/O2 - Multi-core LSF cables 90°C rated (4E2A), G/G1 - Single-core armoured XLPE cables or 90°C rated (4E3A), G/G2 - Multi-core armoured XLPE cables or 90°C rated (4E4A), H/H1 - MICC exposed to touch (4G1A)

ELECTRICAL INSTALLATION CONDITION REPORT - Schedule of Tests

for Industrial/Commercial Premises

FT/EICR 110151231

Requirements for Electrical Installations
BS 7671:2018 (IET Wiring Regulations 18th Edition)

Company Name	PHS Compliance	**Company Address**	Kid Glove Road	**Postcode**	WA3 3GR	**Branch No.**	**Scheme No.**
Client	UPP Residential Services Ltd	**Installation Address**	Swansea University Bay Campus - Dryslwyn 1B & Nest 2, Reception - Ground Floor Tower Information Centre, Fabian Way, Crymlyn Burrows, Swansea, West Glamorgan	**Postcode**	SA1 8EN		

Distribution board details - Complete in every case

Location: Flat 4 Nest [Schneider]
Designation: DB CL7
Num. of ways: 18 Num. of phases: 1
Supply polarity confirmed: ☑ Phase sequence confirmed: ☐

Complete only if the distribution board is not connected directly to the origin of the installation

Supply to distribution board is from: Sub Mains(BB Nest, 3/L2)
Overcurrent protective device for the distribution circuit: BS(EN) 88-2 HRC Type gG Rating 63 A Voltage 230 V
Time delay (if applicable): N/A

Characteristics at this distribution board

Associated RCD(if any): BS (EN) N/A
Z_d 0.14 Ω No. of poles N/A
I_{pf} 1.9 kA IΔn N/A
Operating at 1 IΔn Above 30mA N/A ms
Operating at 5 IΔn 30mA or below N/A ms
(if applicable)

Test instrument serial number(s)

Loop impedance 100701/4664
Insulation resistance 100701/4664
Continuity 100701/4664
RCD 100701/4664

CIRCUIT DETAILS / TEST RESULTS

Circuit No. and Line No.	Distribution board Designation / Circuit designation	Type of wiring	Ref. method	No. of points	Circuit conductors csa (mm²) L / N	Circuit conductors csa (mm²) CPC	Maximum disconnection	Overcurrent protective devices BS EN Number	Type No.	Rating (A)	Breaking capacity (KA)	RCD operating (mA)	BS 7671 Max. permitted Zs Other 80% (Ω)	Circuit impedance Ω: Ring final circuits only (measured end-to-end) r1	rn	r2	Fig 8 check (✓)	All circuits to be completed using R1R2 or R2, not both: R1 + R2	R2	Insulation resistance (Record lower reading): Test voltage V	L/L, L/N M(Ω)	L/E, N/E M(Ω)	Polarity (✓)	Max. Measured Zs (Ω)	RCD testing: Above 30mA IΔn ms	30mA or below 5 IΔn ms	Manual test button operation: RCD (✓)	AFDD (✓)
1/L2	Bedroom Lighting 7,8	A	B	8	1.5	1	0.4	61009 RCD/RCBO	C	10	10	30	1.75	N/A	N/A	N/A	N/A	0.46	N/A	250	LIM	>299	✓	0.75	28.8	27.4	✓	N/A
2/L2	Bedroom Lighting 5,6	A	B	8	1.5	1	0.4	61009 RCD/RCBO	C	10	10	30	1.75	N/A	N/A	N/A	N/A	0.52	N/A	250	LIM	>299	✓	0.82	28.2	27.9	✓	N/A
3/L2	Bedroom Lighting 1,2	A	B	8	1.5	1	0.4	61009 RCD/RCBO	C	10	10	30	1.75	N/A	N/A	N/A	N/A	0.48	N/A	250	LIM	>299	✓	0.67	28.9	25.2	✓	N/A
4/L2	Bedroom Lighting 3,4	A	B	8	1.5	1	0.4	61009 RCD/RCBO	C	10	10	30	1.75	N/A	N/A	N/A	N/A	0.55	N/A	250	LIM	>299	✓	0.70	25.8	27.9	✓	N/A
5/L2	Kitchen Lighting	A	B	6	1.5	1	0.4	61009 RCD/RCBO	C	10	10	30	1.75	N/A	N/A	N/A	N/A	0.32	N/A	250	LIM	>299	✓	0.55	28.5	28.2	✓	N/A
6/L2	Common Room Ring	A	B	10	2x2.5	2x1.5	0.4	61009 RCD/RCBO	B	32	10	30	1.09	0.42	0.42	0.57	✓	0.25	N/A	250	LIM	>299	✓	0.42	28.5	26.0	✓	N/A
7/L2	Common Room Ring 2	A	B	6	2x2.5	2x1.5	0.4	61009 RCD/RCBO	B	32	10	30	1.09	0.37	0.37	0.49	✓	0.22	N/A	250	LIM	>299	✓	0.40	28.8	25.4	✓	N/A
8/L2	Ioslated	A	B	LIM	10	4	0.4	61009 RCD/RCBO	B	32	10	30	1.09	N/A	N/A	N/A	N/A	LIM	N/A	250	LIM	>299	LIM	LIM	LIM	LIM	LIM	N/A
9/L2	Isolated	A	B	LIM	10	4	0.4	61009 RCD/RCBO	B	32	10	30	1.09	N/A	N/A	N/A	N/A	LIM	N/A	250	LIM	>299	LIM	LIM	LIM	LIM	LIM	N/A
10/L2	Sub Mains(DB CL7/10, DB CL7/10-1)	A	B	2	2x2.5	2x1.5	5	61009 RCD/RCBO	B	32	10	30	1.09	0.34	0.34	0.48	✓	0.21	N/A	250	LIM	>299	✓	0.37	28.4	22.2	✓	N/A
11/L2	Sub Mains(DB CL7/11, DB CL7/11-1)	A	B	2	2x2.5	2x1.5	5	61009 RCD/RCBO	B	32	10	30	1.09	0.40	0.40	0.62	✓	0.26	N/A	250	LIM	>299	✓	0.44	28.8	24.0	✓	N/A
12/L2	Sub Mains(DB CL7/12, DB CL7/12-1)	A	B	2	2x2.5	2x1.5	5	61009 RCD/RCBO	B	32	10	30	1.09	0.36	0.36	0.62	✓	0.25	N/A	250	LIM	>299	✓	0.38	26.5	22.0	✓	N/A
13/L2	Sub Mains(DB CL7/13, DB CL7/13-1)	A	B	2	2x2.5	2x1.5	5	61009 RCD/RCBO	B	32	10	30	1.09	0.38	0.38	0.52	✓	0.23	N/A	250	LIM	>299	✓	0.40	28.8	27.2	✓	N/A

Details of circuits and/or installed equipment vulnerable to damage when testing

Date(s) dead testing 02/08/2022 To 02/08/2022

Date(s) live testing 02/08/2022 To 02/08/2022

Signature

Tested by: Name (capital letters) LIAM KIMBLE Position Electrical Test Engineer Date 02/08/2022

Wiring Types. A PVC/PVC, B PVC cables in metallic Conduit, C PVC cables in non-metallic Conduit, D PVC cables in metallic trunking, E PVC cables in non-metallic trunking, F PVC/SWA cables, G SWA/XPLE cables, H Mineral Insulated, MW Metal Work, FM Ferrous Metal, O Other
A/A1 - Single Core PVC Cables (4D1A), A/A2 - Multicore PVC Cables (4D2A), F/F1 - Single-core armoures PVC SWA Cables (4D3A), F/F2 - PVC SWA Cables (4D4A), A/A3 - PVC Twin & Earth (4D5), O/O1 - LSF single core cables 90°C rated (4E1A), O/O2 - Multi-core LSF cables 90°C rated (4E2A), G/G1 - Single-core armoured XLPE cables or 90°C rated (4E3A), G/G2 - Multi-core armoured XLPE cables or 90°C rated (4E4A), H/H1 - MICC exposed to touch (4G1A)

ELECTRICAL INSTALLATION CONDITION REPORT - Schedule of Tests

FT/EICR 110151231

for Industrial/Commercial Premises

Requirements for Electrical Installations
BS 7671:2018 (IET Wiring Regulations 18th Edition)

CIRCUIT DETAILS														TEST RESULTS																
Circuit No. and Line No.	Distribution board Designation / Circuit designation	Type of wiring	Ref. method	No. of points	Circuit conductors csa (mm²) L / N	Circuit conductors csa (mm²) CPC	Maximum disconnection	Overcurrent protective devices BS EN Number	Overcurrent protective devices Type No.	Overcurrent protective devices Rating (A)	Breaking capacity (KA)	RCD operating (mA)	BS 7671 Max. permitted Zs Other 80% (Ω)	Circuit impedance Ω Ring final circuits only (measured end-to-end) r1	rn	r2	Fig 8 check (✓)	All circuits to be completed using R1R2 or R2, not both R1 + R2	R2	Insulation resistance (Record lower reading) Test voltage V	L/L, L/N M(Ω)	L/E, N/E M(Ω)	Polarity (✓)	Max. Measured Zs (Ω)	RCD testing Above 30mA IΔn ms	30mA or below 5 IΔn ms	Manual test button operation RCD (✓)	AFDD (✓)
14/L2	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
15/L2	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
16/L2	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
17/L2	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
18/L2	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Details of circuits and/or installed equipment vulnerable to damage when testing

Date(s) dead testing 02/08/2022 To 02/08/2022

Date(s) live testing 02/08/2022 To 02/08/2022

Tested by: Name (capital letters) LIAM KIMBLE Position Electrical Test Engineer Date 02/08/2022

Signature

Wiring Types. A PVC/PVC, B PVC cables in metallic Conduit, C PVC cables in non-metallic Conduit, D PVC cables in metallic trunking, E PVC cables in non-metallic trunking, F PVC/SWA cables, G SWA/XPLE cables, H Mineral Insulated, MW Metal Work, FM Ferrous Metal, O Other
A/A1 - Single Core PVC Cables (4D1A), A/A2 - Multicore PVC Cables (4D2A), F/F1 - Single-core armoures PVC SWA Cables (4D3A), F/F2 - PVC SWA Cables (4D4A), A/A3 - PVC Twin & Earth (4D5), O/O1 - LSF single core cables 90°C rated (4E1A), O/O2 - Multi-core LSF cables 90°C rated (4E2A), G/G1 - Single-core armoured XLPE cables or 90°C rated (4E3A), G/G2 - Multi-core armoured XLPE cables or 90°C rated (4E4A), H/H1 - MICC exposed to touch (4G1A)

ELECTRICAL INSTALLATION CONDITION REPORT - Schedule of Tests

for Industrial/Commercial Premises

FT/EICR 110151231

Requirements for Electrical Installations
BS 7671:2018 (IET Wiring Regulations 18th Edition)

Company Name	PHS Compliance	**Company Address**	Kid Glove Road	**Postcode**	WA3 3GR	**Branch No.**	**Scheme No.**
Client	UPP Residential Services Ltd	**Installation Address**	Swansea University Bay Campus - Dryslwyn 1B & Nest 2, Reception - Ground Floor Tower Information Centre, Fabian Way, Crymlyn Burrows, Swansea, West Glamorgan	**Postcode**	SA1 8EN		

Distribution board details - Complete in every case

Location: Room 7 Riser [Schneider]
Designation: DB CL7/10
Num. of ways: 4 Num. of phases: 1
Supply polarity confirmed: ☑ Phase sequence confirmed: ☐

Complete only if the distribution board is not connected directly to the origin of the installation

Supply to distribution board is from: Sub Mains(DB CL7, 10/L2)
Overcurrent protective device for the distribution circuit: BS(EN) 61009 RCD/RCBO Type B Rating 32 A Voltage 230 V

Characteristics at this distribution board

Associated RCD(if any): BS (EN) 61008
Z_d 0.37 Ω No. of poles 2
I_{pf} 0.61 kA IΔn 30
Time delay (if applicable) N/A
Operating at 1 IΔn: Above 30mA 28.4 ms
Operating at 5 IΔn: 30mA or below 22.2 ms
(if applicable)

Test instrument serial number(s)

Loop impedance: 100701/4664
Insulation resistance: 100701/4664
Continuity: 100701/4664
RCD: 100701/4664

CIRCUIT DETAILS / TEST RESULTS

Circuit No. and Line No.	Distribution board Designation / Circuit designation	Type of wiring	Ref. method	No. of points	Circuit conductors csa (mm²) L / N	Circuit conductors csa (mm²) CPC	Maximum disconnection	Overcurrent protective devices BS EN Number	Type No.	Rating (A)	Breaking capacity (KA)	RCD operating (mA)	BS 7671 Max. permitted Zs Other 80% (Ω)	Circuit impedance Ω Ring final circuits only (measured end-to-end) r1	rn	r2	Fig 8 check (✓)	All circuits to be completed using R1R2 or R2, not both R1 + R2	R2	Insulation resistance (Record lower reading) Test voltage V	L/L, L/N M(Ω)	L/E, N/E M(Ω)	Polarity (✓)	Max. Measured Zs (Ω)	RCD testing Above 30mA IΔn ms	30mA or below 5 IΔn ms	Manual test button operation RCD (✓)	AFDD (✓)
1/L2	Sockets	A	B	6	2.5	1.5	0.4	60898 MCB	B	10	6	N/A	3.49	N/A	N/A	N/A	N/A	0.18	N/A	250	LIM	>299	✓	0.74	N/A	N/A	N/A	N/A
2/L2	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
3/L2	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
4/L2	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Details of circuits and/or installed equipment vulnerable to damage when testing

Date(s) dead testing: 26/07/2022 To 26/07/2022

Date(s) live testing: 26/07/2022 To 26/07/2022

Tested by: Name (capital letters): LIAM KIMBLE Position: Electrical Test Engineer Date: 26/07/2022

Signature:

Wiring Types. A PVC/PVC, B PVC cables in metallic Conduit, C PVC cables in non-metallic Conduit, D PVC cables in metallic trunking, E PVC cables in non-metallic trunking, F PVC/SWA cables, G SWA/XPLE cables, H Mineral Insulated, MW Metal Work, FM Ferrous Metal, O Other
A/A1 - Single Core PVC Cables (4D1A), A/A2 - Multicore PVC Cables (4D2A), F/F1 - Single-core armoures PVC SWA Cables (4D3A), F/F2 - PVC SWA Cables (4D4A), A/A3 - PVC Twin & Earth (4D5), O/O1 - LSF single core cables 90°C rated (4E1A), O/O2 - Multi-core LSF cables 90°C rated (4E2A), G/G1 - Single-core armoured XLPE cables or 90°C rated (4E3A), G/G2 - Multi-core armoured XLPE cables or 90°C rated (4E4A), H/H1 - MICC exposed to touch (4G1A)

ELECTRICAL INSTALLATION CONDITION REPORT - Schedule of Tests

for Industrial/Commercial Premises

FT/EICR 110151231

Requirements for Electrical Installations
BS 7671:2018 (IET Wiring Regulations 18th Edition)

Company Name	PHS Compliance	**Company Address**	Kid Glove Road	**Postcode**	WA3 3GR	**Branch No.**	**Scheme No.**
Client	UPP Residential Services Ltd	**Installation Address**	Swansea University Bay Campus - Dryslwyn 1B & Nest 2, Reception - Ground Floor Tower Information Centre, Fabian Way, Crymlyn Burrows, Swansea, West Glamorgan	**Postcode**	SA1 8EN		

Distribution board details - Complete in every case

Location: Room 8 Riser [Schneider]
Designation: DB CL7/10-1
Num. of ways: 4 Num. of phases: 1
Supply polarity confirmed: ☑ Phase sequence confirmed: ☐

Complete only if the distribution board is not connected directly to the origin of the installation

Supply to distribution board is from: Sub Mains(DB CL7, 10/L2)
Overcurrent protective device for the distribution circuit: BS(EN) 61009 RCD/RCBO Type B Rating 32 A Voltage 230 V

Characteristics at this distribution board

Associated RCD(if any): BS (EN) 61008
Z_d 0.37 Ω No. of poles 2
I_{pf} 0.61 kA IΔn 30
Time delay (if applicable) N/A
Above 30mA Operating at 1 IΔn 28.4 ms
30mA or below Operating at 5 IΔn 22.2 ms
(if applicable)

Test instrument serial number(s)

Loop impedance 100701/4664
Insulation resistance 100701/4664
Continuity 100701/4664
RCD 100701/4664

CIRCUIT DETAILS / TEST RESULTS

Circuit No. and Line No.	Distribution board Designation / Circuit designation	Type of wiring	Ref. method	No. of points	Circuit conductors csa (mm²) L / N	Circuit conductors csa (mm²) CPC	Maximum disconnection	Overcurrent protective devices BS EN Number	Type No.	Rating (A)	Breaking capacity (KA)	RCD operating (mA)	BS 7671 Max. permitted Zs Other 80% (Ω)	Circuit impedance Ω Ring final circuits only (measured end-to-end) r1	rn	r2	Fig 8 check (✓)	All circuits to be completed using R1R2 or R2, not both R1 + R2	R2	Insulation resistance (Record lower reading) Test voltage V	L/L, L/N M(Ω)	L/E, N/E M(Ω)	Polarity (✓)	Max. Measured Zs (Ω)	RCD testing Above 30mA IΔn ms	30mA or below 5 IΔn ms	Manual test button operation RCD (✓)	AFDD (✓)
1/L2	Sockets	A	B	6	2.5	1.5	0.4	60898 MCB	B	10	6	N/A	3.49	N/A	N/A	N/A	N/A	0.14	N/A	250	LIM	>299	✓	0.72	N/A	N/A	N/A	N/A
2/L2	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
3/L2	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
4/L2	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Details of circuits and/or installed equipment vulnerable to damage when testing

Date(s) dead testing 26/07/2022 To 26/07/2022

Date(s) live testing 26/07/2022 To 26/07/2022

Tested by: Name (capital letters) LIAM KIMBLE Position Electrical Test Engineer Date 26/07/2022

Signature

Wiring Types. A PVC/PVC, B PVC cables in metallic Conduit, C PVC cables in non-metallic Conduit, D PVC cables in metallic trunking, E PVC cables in non-metallic trunking, F PVC/SWA cables, G SWA/XPLE cables, H Mineral Insulated, MW Metal Work, FM Ferrous Metal, O Other
A/A1 - Single Core PVC Cables (4D1A), A/A2 - Multicore PVC Cables (4D2A), F/F1 - Single-core armoures PVC SWA Cables (4D3A), F/F2 - PVC SWA Cables (4D4A), A/A3 - PVC Twin & Earth (4D5), O/O1 - LSF single core cables 90°C rated (4E1A), O/O2 - Multi-core LSF cables 90°C rated (4E2A), G/G1 - Single-core armoured XLPE cables or 90°C rated (4E3A), G/G2 - Multi-core armoured XLPE cables or 90°C rated (4E4A), H/H1 - MICC exposed to touch (4G1A)

ELECTRICAL INSTALLATION CONDITION REPORT - Schedule of Tests

for Industrial/Commercial Premises

FT/EICR 110151231

Requirements for Electrical Installations
BS 7671:2018 (IET Wiring Regulations 18th Edition)

Company Name	PHS Compliance	**Company Address**	Kid Glove Road	**Postcode**	WA3 3GR	**Branch No.**	**Scheme No.**
Client	UPP Residential Services Ltd	**Installation Address**	Swansea University Bay Campus - Dryslwyn 1B & Nest 2, Reception - Ground Floor Tower Information Centre, Fabian Way, Crymlyn Burrows, Swansea, West Glamorgan	**Postcode**	SA1 8EN		

Distribution board details - Complete in every case

Location: Room 5 Riser [Schneider]
Designation: DB CL7/11
Num. of ways: 4 Num. of phases: 1
Supply polarity confirmed: ☑ Phase sequence confirmed: ☐

Complete only if the distribution board is not connected directly to the origin of the installation

Supply to distribution board is from: Sub Mains(DB CL7, 11/L2)
Overcurrent protective device for the distribution circuit: BS(EN) 61009 RCD/RCBO Type B Rating 32 A Voltage 230 V

Characteristics at this distribution board

Associated RCD(if any): BS (EN) 61008
Z_d 0.44 Ω No. of poles 2
I_{pf} 0.51 kA IΔn 30
Time delay (if applicable) N/A
Operating at 1 IΔn: Above 30mA 28.8 ms
Operating at 5 IΔn: 30mA or below 24.0 ms
(if applicable)

Test instrument serial number(s)

Loop impedance: 100701/4664
Insulation resistance: 100701/4664
Continuity: 100701/4664
RCD: 100701/4664

CIRCUIT DETAILS / TEST RESULTS

Circuit No. and Line No.	Distribution board Designation / Circuit designation	Type of wiring	Ref. method	No. of points	Circuit conductors csa (mm²) L / N	Circuit conductors csa (mm²) CPC	Maximum disconnection	Overcurrent protective devices BS EN Number	Type No.	Rating (A)	Breaking capacity (KA)	RCD operating (mA)	BS 7671 Max. permitted Zs Other 80% (Ω)	Circuit impedance Ω Ring final circuits only (measured end-to-end) r1	rn	r2	Fig 8 check (✓)	All circuits to be completed using R1R2 or R2, not both R1 + R2	R2	Insulation resistance (Record lower reading) Test voltage V	L/L, L/N M(Ω)	L/E, N/E M(Ω)	Polarity (✓)	Max. Measured Zs (Ω)	RCD testing Above 30mA IΔn ms	30mA or below 5 IΔn ms	Manual test button operation RCD (✓)	AFDD (✓)
1/L2	Sockets	A	B	6	2.5	1.5	0.4	60898 MCB	B	10	6	N/A	3.49	N/A	N/A	N/A	N/A	0.16	N/A	250	LIM	>299	✓	0.64	N/A	N/A	N/A	N/A
2/L2	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
3/L2	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
4/L2	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Details of circuits and/or installed equipment vulnerable to damage when testing

Date(s) dead testing: 26/07/2022 To 26/07/2022

Date(s) live testing: 26/07/2022 To 26/07/2022

Tested by: Name (capital letters): LIAM KIMBLE Position: Electrical Test Engineer Date: 26/07/2022

Signature:

Wiring Types. A PVC/PVC, B PVC cables in metallic Conduit, C PVC cables in non-metallic Conduit, D PVC cables in metallic trunking, E PVC cables in non-metallic trunking, F PVC/SWA cables, G SWA/XPLE cables, H Mineral Insulated, MW Metal Work, FM Ferrous Metal, O Other
A/A1 - Single Core PVC Cables (4D1A), A/A2 - Multicore PVC Cables (4D2A), F/F1 - Single-core armoures PVC SWA Cables (4D3A), F/F2 - PVC SWA Cables (4D4A), A/A3 - PVC Twin & Earth (4D5), O/O1 - LSF single core cables 90°C rated (4E1A), O/O2 - Multi-core LSF cables 90°C rated (4E2A), G/G1 - Single-core armoured XLPE cables or 90°C rated (4E3A), G/G2 - Multi-core armoured XLPE cables or 90°C rated (4E4A), H/H1 - MICC exposed to touch (4G1A)

ELECTRICAL INSTALLATION CONDITION REPORT - Schedule of Tests

for Industrial/Commercial Premises

FT/EICR 110151231

Requirements for Electrical Installations
BS 7671:2018 (IET Wiring Regulations 18th Edition)

Company Name	PHS Compliance	**Company Address**	Kid Glove Road	**Postcode**	WA3 3GR	**Branch No.**	**Scheme No.**
Client	UPP Residential Services Ltd	**Installation Address**	Swansea University Bay Campus - Dryslwyn 1B & Nest 2, Reception - Ground Floor Tower Information Centre, Fabian Way, Crymlyn Burrows, Swansea, West Glamorgan	**Postcode**	SA1 8EN		

Distribution board details - Complete in every case

Location: Room 6 Riser [Schneider]
Designation: DB CL7/11-1
Num. of ways: 4 Num. of phases: 1
Supply polarity confirmed: ☑ Phase sequence confirmed: ☐

Complete only if the distribution board is not connected directly to the origin of the installation

Supply to distribution board is from: Sub Mains(DB CL7, 11/L2)
Overcurrent protective device for the distribution circuit: BS(EN) 61009 RCD/RCBO Type B Rating 32 A Voltage 230 V

Characteristics at this distribution board

Associated RCD(if any): BS (EN) 61008
Z_d 0.44 Ω No. of poles 2
I_{pf} 0.51 kA IΔn 30
Time delay (if applicable) N/A
Operating at 1 IΔn: Above 30mA 28.8 ms
Operating at 5 IΔn: 30mA or below 24.0 ms
(if applicable)

Test instrument serial number(s)

Loop impedance: 100701/4664
Insulation resistance: 100701/4664
Continuity: 100701/4664
RCD: 100701/4664

CIRCUIT DETAILS / TEST RESULTS

Circuit No. and Line No.	Distribution board Designation / Circuit designation	Type of wiring	Ref. method	No. of points	Circuit conductors csa (mm²) L / N	Circuit conductors csa (mm²) CPC	Maximum disconnection	Overcurrent protective devices BS EN Number	Type No.	Rating (A)	Breaking capacity (KA)	RCD operating (mA)	BS 7671 Max. permitted Zs Other 80% (Ω)	Circuit impedance Ω Ring final circuits only (measured end-to-end) r1	rn	r2	Fig 8 check (✓)	All circuits to be completed using R1R2 or R2, not both R1 + R2	R2	Insulation resistance (Record lower reading) Test voltage V	L/L, L/N M(Ω)	L/E, N/E M(Ω)	Polarity (✓)	Max. Measured Zs (Ω)	RCD testing Above 30mA IΔn ms	30mA or below 5 IΔn ms	Manual test button operation RCD (✓)	AFDD (✓)
1/L2	Sockets	A	B	6	2.5	1.5	0.4	60898 MCB	B	10	6	N/A	3.49	N/A	N/A	N/A	N/A	0.14	N/A	250	LIM	>299	✓	0.75	N/A	N/A	N/A	N/A
2/L2	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
3/L2	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
4/L2	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Details of circuits and/or installed equipment vulnerable to damage when testing

Date(s) dead testing: 26/07/2022 To 26/07/2022

Date(s) live testing: 26/07/2022 To 26/07/2022

Tested by: Name (capital letters): LIAM KIMBLE Position: Electrical Test Engineer Date: 26/07/2022

Signature:

Wiring Types. A PVC/PVC, B PVC cables in metallic Conduit, C PVC cables in non-metallic Conduit, D PVC cables in metallic trunking, E PVC cables in non-metallic trunking, F PVC/SWA cables, G SWA/XPLE cables, H Mineral Insulated, MW Metal Work, FM Ferrous Metal, O Other
A/A1 - Single Core PVC Cables (4D1A), A/A2 - Multicore PVC Cables (4D2A), F/F1 - Single-core armoures PVC SWA Cables (4D3A), F/F2 - PVC SWA Cables (4D4A), A/A3 - PVC Twin & Earth (4D5), O/O1 - LSF single core cables 90°C rated (4E1A), O/O2 - Multi-core LSF cables 90°C rated (4E2A), G/G1 - Single-core armoured XLPE cables or 90°C rated (4E3A), G/G2 - Multi-core armoured XLPE cables or 90°C rated (4E4A), H/H1 - MICC exposed to touch (4G1A)

ELECTRICAL INSTALLATION CONDITION REPORT - Schedule of Tests

for Industrial/Commercial Premises

FT/EICR 110151231

Requirements for Electrical Installations
BS 7671:2018 (IET Wiring Regulations 18th Edition)

Company Name	PHS Compliance	**Company Address**	Kid Glove Road	**Postcode**	WA3 3GR	**Branch No.**	**Scheme No.**
Client	UPP Residential Services Ltd	**Installation Address**	Swansea University Bay Campus - Dryslwyn 1B & Nest 2, Reception - Ground Floor Tower Information Centre, Fabian Way, Crymlyn Burrows, Swansea, West Glamorgan	**Postcode**	SA1 8EN		

Distribution board details - Complete in every case

Location: Room 1 Riser [Schneider]
Designation: DB CL7/12
Num. of ways: 4 Num. of phases: 1
Supply polarity confirmed: ☑ Phase sequence confirmed: ☐

Complete only if the distribution board is not connected directly to the origin of the installation

Supply to distribution board is from: Sub Mains(DB CL7, 12/L2)
Overcurrent protective device for the distribution circuit: BS(EN) 61009 RCD/RCBO Type B Rating 32 A Voltage 230 V

Characteristics at this distribution board

Associated RCD(if any): BS (EN) 61008
Z_d 0.38 Ω No. of poles 2
I_{pf} 0.62 kA IΔn 30
Time delay (if applicable) N/A
Operating at 1 IΔn Above 30mA 26.5 ms
Operating at 5 IΔn 30mA or below 22.0 ms
(if applicable)

Test instrument serial number(s)

Loop impedance 100701/4664
Insulation resistance 100701/4664
Continuity 100701/4664
RCD 100701/4664

CIRCUIT DETAILS / TEST RESULTS

Circuit No. and Line No.	Distribution board Designation / Circuit designation	Type of wiring	Ref. method	No. of points	Circuit conductors csa (mm²) L / N	Circuit conductors csa (mm²) CPC	Maximum disconnection	Overcurrent protective devices BS EN Number	Type No.	Rating (A)	Breaking capacity (KA)	RCD operating (mA)	BS 7671 Max. permitted Zs Other 80% (Ω)	Circuit impedance Ω Ring final circuits only (measured end-to-end) r1	rn	r2	Fig 8 check (✓)	All circuits to be completed using R1R2 or R2, not both R1 + R2	R2	Insulation resistance (Record lower reading) Test voltage V	L/L, L/N M(Ω)	L/E, N/E M(Ω)	Polarity (✓)	Max. Measured Zs (Ω)	RCD testing Above 30mA IΔn ms	30mA or below 5 IΔn ms	Manual test button operation RCD (✓)	AFDD (✓)
1/L2	Sockets	A	B	6	2.5	1.5	0.4	60898 MCB	B	10	6	N/A	3.49	N/A	N/A	N/A	N/A	0.15	N/A	250	LIM	>299	✓	0.74	N/A	N/A	N/A	N/A
2/L2	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
3/L2	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
4/L2	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Details of circuits and/or installed equipment vulnerable to damage when testing

Date(s) dead testing 26/07/2022 To 26/07/2022

Date(s) live testing 26/07/2022 To 26/07/2022

Tested by: Name (capital letters) LIAM KIMBLE Position Electrical Test Engineer Date 26/07/2022

Signature

Wiring Types. A PVC/PVC, B PVC cables in metallic Conduit, C PVC cables in non-metallic Conduit, D PVC cables in metallic trunking, E PVC cables in non-metallic trunking, F PVC/SWA cables, G SWA/XPLE cables, H Mineral Insulated, MW Metal Work, FM Ferrous Metal, O Other
A/A1 - Single Core PVC Cables (4D1A), A/A2 - Multicore PVC Cables (4D2A), F/F1 - Single-core armoures PVC SWA Cables (4D3A), F/F2 - PVC SWA Cables (4D4A), A/A3 - PVC Twin & Earth (4D5), O/O1 - LSF single core cables 90°C rated (4E1A), O/O2 - Multi-core LSF cables 90°C rated (4E2A), G/G1 - Single-core armoured XLPE cables or 90°C rated (4E3A), G/G2 - Multi-core armoured XLPE cables or 90°C rated (4E4A), H/H1 - MICC exposed to touch (4G1A)

ELECTRICAL INSTALLATION CONDITION REPORT - Schedule of Tests

for Industrial/Commercial Premises

FT/EICR 110151231

Requirements for Electrical Installations
BS 7671:2018 (IET Wiring Regulations 18th Edition)

Company Name	PHS Compliance	**Company Address**	Kid Glove Road	**Postcode**	WA3 3GR	**Branch No.**	**Scheme No.**
Client	UPP Residential Services Ltd	**Installation Address**	Swansea University Bay Campus - Dryslwyn 1B & Nest 2, Reception - Ground Floor Tower Information Centre, Fabian Way, Crymlyn Burrows, Swansea, West Glamorgan	**Postcode**	SA1 8EN		

Distribution board details - Complete in every case

Location: Room 2 Riser [Schneider]
Designation: DB CL7/12-1
Num. of ways: 4 Num. of phases: 1
Supply polarity confirmed: ☑ Phase sequence confirmed: ☐

Complete only if the distribution board is not connected directly to the origin of the installation

Supply to distribution board is from: Sub Mains(DB CL7, 12/L2)
Overcurrent protective device for the distribution circuit: BS(EN) 61009 RCD/RCBO Type B Rating 32 A Voltage 230 V

Characteristics at this distribution board

Associated RCD(if any): BS (EN) 61008
Z_d 0.38 Ω No. of poles 2
I_{pf} 0.62 kA IΔn 30
Time delay (if applicable) N/A
Operating at 1 IΔn: Above 30mA 26.5 ms
Operating at 5 IΔn: 30mA or below 22.0 ms
(if applicable)

Test instrument serial number(s)

Loop impedance: 100701/4664
Insulation resistance: 100701/4664
Continuity: 100701/4664
RCD: 100701/4664

CIRCUIT DETAILS / TEST RESULTS

Circuit No. and Line No.	Distribution board Designation / Circuit designation	Type of wiring	Ref. method	No. of points	Circuit conductors csa (mm²) L / N	Circuit conductors csa (mm²) CPC	Maximum disconnection	Overcurrent protective devices BS EN Number	Type No.	Rating (A)	Breaking capacity (KA)	RCD operating (mA)	BS 7671 Max. permitted Zs Other 80% (Ω)	Circuit impedance Ω Ring final circuits only (measured end-to-end) r1	rn	r2	Fig 8 check (✓)	All circuits to be completed using R1R2 or R2, not both R1 + R2	R2	Insulation resistance (Record lower reading) Test voltage V	L/L, L/N M(Ω)	L/E, N/E M(Ω)	Polarity (✓)	Max. Measured Zs (Ω)	RCD testing Above 30mA IΔn ms	30mA or below 5 IΔn ms	Manual test button operation RCD (✓)	AFDD (✓)
1/L2	Sockets	A	B	6	2.5	1.5	0.4	60898 MCB	B	10	6	N/A	3.49	N/A	N/A	N/A	N/A	0.12	N/A	250	LIM	>299	✓	0.69	N/A	N/A	N/A	N/A
2/L2	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
3/L2	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
4/L2	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Details of circuits and/or installed equipment vulnerable to damage when testing

Date(s) dead testing: 26/07/2022 To 26/07/2022

Date(s) live testing: 26/07/2022 To 26/07/2022

Tested by: Name (capital letters): LIAM KIMBLE Position: Electrical Test Engineer Date: 26/07/2022

Signature:

Wiring Types. A PVC/PVC, B PVC cables in metallic Conduit, C PVC cables in non-metallic Conduit, D PVC cables in metallic trunking, E PVC cables in non-metallic trunking, F PVC/SWA cables, G SWA/XPLE cables, H Mineral Insulated, MW Metal Work, FM Ferrous Metal, O Other
A/A1 - Single Core PVC Cables (4D1A), A/A2 - Multicore PVC Cables (4D2A), F/F1 - Single-core armoures PVC SWA Cables (4D3A), F/F2 - PVC SWA Cables (4D4A), A/A3 - PVC Twin & Earth (4D5), O/O1 - LSF single core cables 90°C rated (4E1A), O/O2 - Multi-core LSF cables 90°C rated (4E2A), G/G1 - Single-core armoured XLPE cables or 90°C rated (4E3A), G/G2 - Multi-core armoured XLPE cables or 90°C rated (4E4A), H/H1 - MICC exposed to touch (4G1A)

ELECTRICAL INSTALLATION CONDITION REPORT - Schedule of Tests

for Industrial/Commercial Premises

FT/EICR 110151231

Requirements for Electrical Installations
BS 7671:2018 (IET Wiring Regulations 18th Edition)

Company Name	PHS Compliance	**Company Address**	Kid Glove Road	**Postcode**	WA3 3GR	**Branch No.**	**Scheme No.**
Client	UPP Residential Services Ltd	**Installation Address**	Swansea University Bay Campus - Dryslwyn 1B & Nest 2, Reception - Ground Floor Tower Information Centre, Fabian Way, Crymlyn Burrows, Swansea, West Glamorgan	**Postcode**	SA1 8EN		

Distribution board details - Complete in every case

Location: Room 3 Riser [Schneider]
Designation: DB CL7/13
Num. of ways: 4 Num. of phases: 1
Supply polarity confirmed: ☑ Phase sequence confirmed: ☐

Complete only if the distribution board is not connected directly to the origin of the installation

Supply to distribution board is from: Sub Mains(DB CL7, 13/L2)
Overcurrent protective device for the distribution circuit: BS(EN) 61009 RCD/RCBO Type B Rating 32 A Voltage 230 V

Characteristics at this distribution board

Associated RCD(if any): BS (EN) 61008
Z_d 0.40 Ω No. of poles 2
I_{pf} 0.58 kA IΔn 30
Time delay (if applicable) N/A
Operating at 1 IΔn: Above 30mA 28.8 ms
Operating at 5 IΔn: 30mA or below 27.2 ms
(if applicable)

Test instrument serial number(s)

Loop impedance: 100701/4664
Insulation resistance: 100701/4664
Continuity: 100701/4664
RCD: 100701/4664

CIRCUIT DETAILS / TEST RESULTS

Circuit No. and Line No.	Distribution board Designation / Circuit designation	Type of wiring	Ref. method	No. of points	Circuit conductors csa (mm²) L / N	Circuit conductors csa (mm²) CPC	Maximum disconnection	Overcurrent protective devices BS EN Number	Type No.	Rating (A)	Breaking capacity (KA)	RCD operating (mA)	BS 7671 Max. permitted Zs Other 80% (Ω)	Circuit impedance Ω Ring final circuits only (measured end-to-end) r1	rn	r2	Fig 8 check (✓)	All circuits to be completed using R1R2 or R2, not both R1 + R2	R2	Insulation resistance (Record lower reading) Test voltage V	L/L, L/N M(Ω)	L/E, N/E M(Ω)	Polarity (✓)	Max. Measured Zs (Ω)	RCD testing Above 30mA IΔn ms	30mA or below 5 IΔn ms	Manual test button operation RCD (✓)	AFDD (✓)
1/L2	Sockets	A	B	6	2.5	1.5	0.4	60898 MCB	B	10	6	N/A	3.49	N/A	N/A	N/A	N/A	0.22	N/A	250	LIM	>299	✓	0.80	N/A	N/A	N/A	N/A
2/L2	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
3/L2	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
4/L2	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Details of circuits and/or installed equipment vulnerable to damage when testing

Date(s) dead testing: 26/07/2022 To 26/07/2022

Date(s) live testing: 26/07/2022 To 26/07/2022

Tested by: Name (capital letters): LIAM KIMBLE Position: Electrical Test Engineer Date: 26/07/2022

Signature:

Wiring Types. A PVC/PVC, B PVC cables in metallic Conduit, C PVC cables in non-metallic Conduit, D PVC cables in metallic trunking, E PVC cables in non-metallic trunking, F PVC/SWA cables, G SWA/XPLE cables, H Mineral Insulated, MW Metal Work, FM Ferrous Metal, O Other
A/A1 - Single Core PVC Cables (4D1A), A/A2 - Multicore PVC Cables (4D2A), F/F1 - Single-core armoures PVC SWA Cables (4D3A), F/F2 - PVC SWA Cables (4D4A), A/A3 - PVC Twin & Earth (4D5), O/O1 - LSF single core cables 90°C rated (4E1A), O/O2 - Multi-core LSF cables 90°C rated (4E2A), G/G1 - Single-core armoured XLPE cables or 90°C rated (4E3A), G/G2 - Multi-core armoured XLPE cables or 90°C rated (4E4A), H/H1 - MICC exposed to touch (4G1A)

ELECTRICAL INSTALLATION CONDITION REPORT - Schedule of Tests

for Industrial/Commercial Premises

FT/EICR 110151231

Requirements for Electrical Installations
BS 7671:2018 (IET Wiring Regulations 18th Edition)

Company Name	PHS Compliance	**Company Address**	Kid Glove Road	**Postcode**	WA3 3GR	**Branch No.**	**Scheme No.**
Client	UPP Residential Services Ltd	**Installation Address**	Swansea University Bay Campus - Dryslwyn 1B & Nest 2, Reception - Ground Floor Tower Information Centre, Fabian Way, Crymlyn Burrows, Swansea, West Glamorgan	**Postcode**	SA1 8EN		

Distribution board details - Complete in every case

Location: Room X Riser [Schneider]
Designation: DB CL7/13-1
Num. of ways: 4 Num. of phases: 1
Supply polarity confirmed: ☑ Phase sequence confirmed: ☐

Complete only if the distribution board is not connected directly to the origin of the installation

Supply to distribution board is from: Sub Mains(DB CL7, 13/L2)
Overcurrent protective device for the distribution circuit: BS(EN) 61009 RCD/RCBO Type B Rating 32 A Voltage 230 V

Characteristics at this distribution board

Associated RCD(if any): BS (EN) 61008
Z_d 0.40 Ω No. of poles 2
I_{pf} 0.50 kA IΔn 30
Time delay (if applicable) N/A
Operating at 1 IΔn: Above 30mA 28.8 ms
Operating at 5 IΔn: 30mA or below 27.2 ms
(if applicable)

Test instrument serial number(s)

Loop impedance: 100701/4664
Insulation resistance: 100701/4664
Continuity: 100701/4664
RCD: 100701/4664

CIRCUIT DETAILS / TEST RESULTS

Circuit No. and Line No.	Distribution board Designation / Circuit designation	Type of wiring	Ref. method	No. of points	Circuit conductors csa (mm²) L / N	Circuit conductors csa (mm²) CPC	Maximum disconnection	Overcurrent protective devices BS EN Number	Type No.	Rating (A)	Breaking capacity (KA)	RCD operating (mA)	BS 7671 Max. permitted Zs Other 80% (Ω)	Circuit impedance Ω Ring final circuits only (measured end-to-end) r1	rn	r2	Fig 8 check (✓)	All circuits to be completed using R1R2 or R2, not both R1 + R2	R2	Insulation resistance (Record lower reading) Test voltage V	L/L, L/N M(Ω)	L/E, N/E M(Ω)	Polarity (✓)	Max. Measured Zs (Ω)	RCD testing Above 30mA IΔn ms	30mA or below 5 IΔn ms	Manual test button operation RCD (✓)	AFDD (✓)
1/L2	Sockets	A	B	6	2.5	1.5	0.4	60898 MCB	B	10	6	N/A	3.49	N/A	N/A	N/A	N/A	0.15	N/A	250	LIM	>299	✓	0.77	N/A	N/A	N/A	N/A
2/L2	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
3/L2	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
4/L2	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Details of circuits and/or installed equipment vulnerable to damage when testing

Date(s) dead testing: 26/07/2022 To 26/07/2022

Date(s) live testing: 26/07/2022 To 26/07/2022

Tested by: Name (capital letters): LIAM KIMBLE Position: Electrical Test Engineer Date: 26/07/2022

Signature:

Wiring Types. A PVC/PVC, B PVC cables in metallic Conduit, C PVC cables in non-metallic Conduit, D PVC cables in metallic trunking, E PVC cables in non-metallic trunking, F PVC/SWA cables, G SWA/XPLE cables, H Mineral Insulated, MW Metal Work, FM Ferrous Metal, O Other
A/A1 - Single Core PVC Cables (4D1A), A/A2 - Multicore PVC Cables (4D2A), F/F1 - Single-core armoures PVC SWA Cables (4D3A), F/F2 - PVC SWA Cables (4D4A), A/A3 - PVC Twin & Earth (4D5), O/O1 - LSF single core cables 90°C rated (4E1A), O/O2 - Multi-core LSF cables 90°C rated (4E2A), G/G1 - Single-core armoured XLPE cables or 90°C rated (4E3A), G/G2 - Multi-core armoured XLPE cables or 90°C rated (4E4A), H/H1 - MICC exposed to touch (4G1A)

ELECTRICAL INSTALLATION CONDITION REPORT - Schedule of Tests

for Industrial/Commercial Premises

FT/EICR 110151231

Requirements for Electrical Installations
BS 7671:2018 (IET Wiring Regulations 18th Edition)

Company Name	PHS Compliance	**Company Address**	Kid Glove Road	**Postcode**	WA3 3GR	**Branch No.**	**Scheme No.**
Client	UPP Residential Services Ltd	**Installation Address**	Swansea University Bay Campus - Dryslwyn 1B & Nest 2, Reception - Ground Floor Tower Information Centre, Fabian Way, Crymlyn Burrows, Swansea, West Glamorgan	**Postcode**	SA1 8EN		

Distribution board details - Complete in every case

Location: Flat 5 Nest [Schneider]
Designation: DB CL10
Num. of ways: 18 Num. of phases: 1
Supply polarity confirmed: ☑ Phase sequence confirmed: ☐

Complete only if the distribution board is not connected directly to the origin of the installation

Supply to distribution board is from: Sub Mains(BB Nest, 4/L3)
Overcurrent protective device for the distribution circuit: BS(EN) 88-2 HRC Type gG Rating 63 A Voltage 230 V

Characteristics at this distribution board

Associated RCD(if any): BS (EN) N/A
Z_d 0.12 Ω No. of poles N/A
I_{pf} 2.0 kA IΔn N/A
Time delay (if applicable) N/A
Operating at 1 IΔn Above 30mA N/A ms
Operating at 5 IΔn 30mA or below N/A ms
(if applicable)

Test instrument serial number(s)

Loop impedance 100701/4664
Insulation resistance 100701/4664
Continuity 100701/4664
RCD 100701/4664

CIRCUIT DETAILS / TEST RESULTS

Circuit No. and Line No.	Distribution board Designation / Circuit designation	Type of wiring	Ref. method	No. of points	Circuit conductors csa (mm²) L / N	Circuit conductors csa (mm²) CPC	Maximum disconnection	Overcurrent protective devices BS EN Number	Type No.	Rating (A)	Breaking capacity (KA)	RCD operating (mA)	BS 7671 Max. permitted Zs Other 80% (Ω)	Circuit impedance Ω Ring final circuits only (measured end-to-end) r1	rn	r2	Fig 8 check (✓)	All circuits to be completed using R1R2 or R2, not both R1 + R2	R2	Insulation resistance (Record lower reading) Test voltage V	L/L, L/N M(Ω)	L/E, N/E M(Ω)	Polarity (✓)	Max. Measured Zs (Ω)	RCD testing Above 30mA IΔn ms	30mA or below 5 IΔn ms	Manual test button operation RCD (✓)	AFDD (✓)
1/L3	Bedroom Lighting 6,7	A	B	8	1.5	1	0.4	61009 RCD/RCBO	C	10	10	30	1.75	N/A	N/A	N/A	N/A	0.48	N/A	250	LIM	>299	✓	0.74	32.0	25.2	✓	N/A
2/L3	Bedroom Lighting 8,9	A	B	8	1.5	1	0.4	61009 RCD/RCBO	C	10	10	30	1.75	N/A	N/A	N/A	N/A	0.55	N/A	250	LIM	>299	✓	0.73	28.8	27.2	✓	N/A
3/L3	Bedroom Lighting 3,4,5	A	B	12	1.5	1	0.4	61009 RCD/RCBO	C	10	10	30	1.75	N/A	N/A	N/A	N/A	0.36	N/A	250	LIM	>299	✓	0.46	28.4	24.2	✓	N/A
4/L3	Bedroom Lighting 1,2	A	B	8	1.5	1	0.4	61009 RCD/RCBO	C	10	10	30	1.75	N/A	N/A	N/A	N/A	0.55	N/A	250	LIM	>299	✓	0.72	28.4	25.2	✓	N/A
5/L3	Common Room Lighting	A	B	6	1.5	1	0.4	61009 RCD/RCBO	C	10	10	30	1.75	N/A	N/A	N/A	N/A	0.25	N/A	250	LIM	>299	✓	0.40	27.6	20.4	✓	N/A
6/L3	Common Room Ring	A	B	8	2x2.5	2x1.5	0.4	61009 RCD/RCBO	B	32	10	30	1.09	0.44	0.44	0.58	✓	0.26	N/A	250	LIM	>299	✓	0.36	28.8	27.9	✓	N/A
7/L3	Common Room Ring 2	A	B	8	2x2.5	2x1.5	0.4	61009 RCD/RCBO	B	32	10	30	1.09	0.37	0.37	0.44	✓	0.21	N/A	250	LIM	>299	✓	0.33	28.4	18.4	✓	N/A
8/L3	Isolated	A	B	LIM	10	4	0.4	61009 RCD/RCBO	B	32	10	30	1.09	N/A	N/A	N/A	N/A	LIM	N/A	250	LIM	>299	LIM	LIM	LIM	LIM	LIM	N/A
9/L3	Isolated	A	B	LIM	10	4	0.4	61009 RCD/RCBO	B	32	10	30	1.09	N/A	N/A	N/A	N/A	LIM	N/A	250	LIM	>299	LIM	LIM	LIM	LIM	LIM	N/A
10/L3	Sub Mains(DB CL10/10, DB CL10/10-1)	A	B	2	2x2.5	2x1.5	5	61009 RCD/RCBO	B	32	10	30	1.09	0.25	0.25	0.36	✓	0.15	N/A	250	LIM	>299	✓	0.28	28.5	27.5	✓	N/A
11/L3	Sub Mains(DB CL10/11, DB CL10/11-1, DB CL10/11-2)	A	B	3	2x2.5	2x1.5	5	61009 RCD/RCBO	B	32	10	30	1.09	0.40	0.40	0.53	✓	0.23	N/A	250	LIM	>299	✓	0.35	28.8	22.0	✓	N/A
12/L3	Sub Mains(DB CL10/12, DB CL10/12-1)	A	B	2	2x2.5	2x1.5	5	61009 RCD/RCBO	B	32	10	30	1.09	0.30	0.30	0.45	✓	0.19	N/A	250	LIM	>299	✓	0.32	28.8	24.4	✓	N/A
13/L3	Sub Mains(DB CL10/13, DB CL10/13-1)	A	B	2	2x2.5	2x1.5	5	61009 RCD/RCBO	B	32	10	30	1.09	0.36	0.36	0.52	✓	0.22	N/A	250	LIM	>299	✓	0.35	28.2	27.6	✓	N/A

Details of circuits and/or installed equipment vulnerable to damage when testing

Date(s) dead testing 02/08/2022 To 02/08/2022

Date(s) live testing 02/08/2022 To 02/08/2022

Signature

Tested by: Name (capital letters) LIAM KIMBLE Position Electrical Test Engineer Date 02/08/2022

Wiring Types. A PVC/PVC, B PVC cables in metallic Conduit, C PVC cables in non-metallic Conduit, D PVC cables in metallic trunking, E PVC cables in non-metallic trunking, F PVC/SWA cables, G SWA/XPLE cables, H Mineral Insulated, MW Metal Work, FM Ferrous Metal, O Other
A/A1 - Single Core PVC Cables (4D1A), A/A2 - Multicore PVC Cables (4D2A), F/F1 - Single-core armoures PVC SWA Cables (4D3A), F/F2 - PVC SWA Cables (4D4A), A/A3 - PVC Twin & Earth (4D5), O/O1 - LSF single core cables 90°C rated (4E1A), O/O2 - Multi-core LSF cables 90°C rated (4E2A), G/G1 - Single-core armoured XLPE cables or 90°C rated (4E3A), G/G2 - Multi-core armoured XLPE cables or 90°C rated (4E4A), H/H1 - MICC exposed to touch (4G1A)

ELECTRICAL INSTALLATION CONDITION REPORT - Schedule of Tests

FT/EICR 110151231

for Industrial/Commercial Premises

Requirements for Electrical Installations
BS 7671:2018 (IET Wiring Regulations 18th Edition)

CIRCUIT DETAILS														TEST RESULTS																
Circuit No. and Line No.	Distribution board Designation / Circuit designation	Type of wiring	Ref. method	No. of points	Circuit conductors csa (mm²) L / N	Circuit conductors csa (mm²) CPC	Maximum disconnection	Overcurrent protective devices BS EN Number	Overcurrent protective devices Type No.	Overcurrent protective devices Rating (A)	Breaking capacity (KA)	RCD operating (mA)	BS 7671 Max. permitted Zs Other 80% (Ω)	Circuit impedance Ω Ring final circuits only (measured end-to-end) r1	rn	r2	Fig 8 check (✓)	All circuits to be completed using R1R2 or R2, not both R1 + R2	R2	Insulation resistance (Record lower reading) Test voltage V	L/L, L/N M(Ω)	L/E, N/E M(Ω)	Polarity (✓)	Max. Measured Zs (Ω)	RCD testing Above 30mA IΔn ms	30mA or below 5 IΔn ms	Manual test button operation RCD (✓)	AFDD (✓)
14/L3	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
15/L3	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
16/L3	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
17/L3	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
18/L3	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Details of circuits and/or installed equipment vulnerable to damage when testing

Date(s) dead testing 02/08/2022 To 02/08/2022

Date(s) live testing 02/08/2022 To 02/08/2022

Tested by: Name (capital letters) LIAM KIMBLE

Position Electrical Test Engineer

Date 02/08/2022

Signature

Wiring Types. A PVC/PVC, B PVC cables in metallic Conduit, C PVC cables in non-metallic Conduit, D PVC cables in metallic trunking, E PVC cables in non-metallic trunking, F PVC/SWA cables, G SWA/XPLE cables, H Mineral Insulated, MW Metal Work, FM Ferrous Metal, O Other
A/A1 - Single Core PVC Cables (4D1A), A/A2 - Multicore PVC Cables (4D2A), F/F1 - Single-core armoures PVC SWA Cables (4D3A), F/F2 - PVC SWA Cables (4D4A), A/A3 - PVC Twin & Earth (4D5), O/O1 - LSF single core cables 90°C rated (4E1A), O/O2 - Multi-core LSF cables 90°C rated (4E2A), G/G1 - Single-core armoured XLPE cables or 90°C rated (4E3A), G/G2 - Multi-core armoured XLPE cables or 90°C rated (4E4A), H/H1 - MICC exposed to touch (4G1A)

ELECTRICAL INSTALLATION CONDITION REPORT - Schedule of Tests

for Industrial/Commercial Premises

FT/EICR 110151231

Requirements for Electrical Installations
BS 7671:2018 (IET Wiring Regulations 18th Edition)

Company Name	PHS Compliance	**Company Address**	Kid Glove Road	**Postcode**	WA3 3GR	**Branch No.**	**Scheme No.**
Client	UPP Residential Services Ltd	**Installation Address**	Swansea University Bay Campus - Dryslwyn 1B & Nest 2, Reception - Ground Floor Tower Information Centre, Fabian Way, Crymlyn Burrows, Swansea, West Glamorgan	**Postcode**	SA1 8EN		

Distribution board details - Complete in every case

Location: Room 4 Riser [Schneider]
Designation: DB CL10/10
Num. of ways: 4 Num. of phases: 1
Supply polarity confirmed: ☑ Phase sequence confirmed: ☐

Complete only if the distribution board is not connected directly to the origin of the installation

Supply to distribution board is from: Sub Mains(DB CL10, 10/L3)
Overcurrent protective device for the distribution circuit: BS(EN) 61009 RCD/RCBO Type B Rating 32 A Voltage 230 V

Characteristics at this distribution board

Associated RCD(if any): BS (EN) 61008
Z_d 0.28 Ω No. of poles 2
I_{pf} 0.80 kA IΔn 30
Time delay (if applicable) N/A
Above 30mA Operating at 1 IΔn 28.5 ms
30mA or below Operating at 5 IΔn 27.5 ms
(if applicable)

Test instrument serial number(s)

Loop impedance 100701/4664
Insulation resistance 100701/4664
Continuity 100701/4664
RCD 100701/4664

CIRCUIT DETAILS / TEST RESULTS

Circuit No. and Line No.	Distribution board Designation / Circuit designation	Type of wiring	Ref. method	No. of points	Circuit conductors csa (mm²) L / N	Circuit conductors csa (mm²) CPC	Maximum disconnection	Overcurrent protective devices BS EN Number	Type No.	Rating (A)	Breaking capacity (KA)	RCD operating (mA)	BS 7671 Max. permitted Zs Other 80% (Ω)	Circuit impedance Ω Ring final circuits only (measured end-to-end) r1	rn	r2	Fig 8 check (✓)	All circuits to be completed using R1R2 or R2, not both R1 + R2	R2	Insulation resistance (Record lower reading) Test voltage V	L/L, L/N M(Ω)	L/E, N/E M(Ω)	Polarity (✓)	Max. Measured Zs (Ω)	RCD testing Above 30mA IΔn ms	30mA or below 5 IΔn ms	Manual test button operation RCD (✓)	AFDD (✓)
1/L3	Sockets	A	B	6	2.5	1.5	0.4	60898 MCB	B	10	6	N/A	3.49	N/A	N/A	N/A	N/A	0.12	N/A	250	LIM	>299	✓	0.74	N/A	N/A	N/A	N/A
2/L3	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
3/L3	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
4/L3	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Details of circuits and/or installed equipment vulnerable to damage when testing

Date(s) dead testing 26/07/2022 To 26/07/2022

Date(s) live testing 26/07/2022 To 26/07/2022

Tested by: Name (capital letters) LIAM KIMBLE Position Electrical Test Engineer Date 26/07/2022

Signature

Wiring Types. A PVC/PVC, B PVC cables in metallic Conduit, C PVC cables in non-metallic Conduit, D PVC cables in metallic trunking, E PVC cables in non-metallic trunking, F PVC/SWA cables, G SWA/XPLE cables, H Mineral Insulated, MW Metal Work, FM Ferrous Metal, O Other
A/A1 - Single Core PVC Cables (4D1A), A/A2 - Multicore PVC Cables (4D2A), F/F1 - Single-core armoures PVC SWA Cables (4D3A), F/F2 - PVC SWA Cables (4D4A), A/A3 - PVC Twin & Earth (4D5), O/O1 - LSF single core cables 90°C rated (4E1A), O/O2 - Multi-core LSF cables 90°C rated (4E2A), G/G1 - Single-core armoured XLPE cables or 90°C rated (4E3A), G/G2 - Multi-core armoured XLPE cables or 90°C rated (4E4A), H/H1 - MICC exposed to touch (4G1A)

ELECTRICAL INSTALLATION CONDITION REPORT - Schedule of Tests

for Industrial/Commercial Premises

FT/EICR 110151231

Requirements for Electrical Installations
BS 7671:2018 (IET Wiring Regulations 18th Edition)

Company Name	PHS Compliance	**Company Address**	Kid Glove Road	**Postcode**	WA3 3GR	**Branch No.**	**Scheme No.**
Client	UPP Residential Services Ltd	**Installation Address**	Swansea University Bay Campus - Dryslwyn 1B & Nest 2, Reception - Ground Floor Tower Information Centre, Fabian Way, Crymlyn Burrows, Swansea, West Glamorgan	**Postcode**	SA1 8EN		

Distribution board details - Complete in every case

Location: Room 5 Riser [Schneider]
Designation: DB CL10/10-1
Num. of ways: 4 Num. of phases: 1
Supply polarity confirmed: ☑ Phase sequence confirmed: ☐

Complete only if the distribution board is not connected directly to the origin of the installation

Supply to distribution board is from: Sub Mains(DB CL10, 10/L3)
Overcurrent protective device for the distribution circuit: BS(EN) 61009 RCD/RCBO Type B Rating 32 A Voltage 230 V

Characteristics at this distribution board

Associated RCD(if any): BS (EN) 61008
Z_d 0.28 Ω No. of poles 2
I_{pf} 0.80 kA IΔn 30
Time delay (if applicable) N/A
Above 30mA Operating at 1 IΔn 28.5 ms
30mA or below Operating at 5 IΔn 27.5 ms
(if applicable)

Test instrument serial number(s)

Loop impedance 100701/4664
Insulation resistance 100701/4664
Continuity 100701/4664
RCD 100701/4664

CIRCUIT DETAILS / TEST RESULTS

Circuit No. and Line No.	Distribution board Designation / Circuit designation	Type of wiring	Ref. method	No. of points	Circuit conductors csa (mm²) L / N	Circuit conductors csa (mm²) CPC	Maximum disconnection	Overcurrent protective devices BS EN Number	Type No.	Rating (A)	Breaking capacity (KA)	RCD operating (mA)	BS 7671 Max. permitted Zs Other 80% (Ω)	Circuit impedance Ω Ring final circuits only (measured end-to-end) r1	rn	r2	Fig 8 check (✓)	All circuits to be completed using R1R2 or R2, not both R1 + R2	R2	Insulation resistance (Record lower reading) Test voltage V	L/L, L/N M(Ω)	L/E, N/E M(Ω)	Polarity (✓)	Max. Measured Zs (Ω)	RCD testing Above 30mA IΔn ms	30mA or below 5 IΔn ms	Manual test button operation RCD (✓)	AFDD (✓)
1/L3	Sockets	A	B	6	2.5	1.5	0.4	60898 MCB	B	10	6	N/A	3.49	N/A	N/A	N/A	N/A	0.14	N/A	250	LIM	>299	✓	0.77	N/A	N/A	N/A	N/A
2/L3	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
3/L3	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
4/L3	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Details of circuits and/or installed equipment vulnerable to damage when testing

Date(s) dead testing 26/07/2022 To 26/07/2022

Date(s) live testing 26/07/2022 To 26/07/2022

Tested by: Name (capital letters) LIAM KIMBLE Position Electrical Test Engineer Date 26/07/2022

Signature

Wiring Types. A PVC/PVC, B PVC cables in metallic Conduit, C PVC cables in non-metallic Conduit, D PVC cables in metallic trunking, E PVC cables in non-metallic trunking, F PVC/SWA cables, G SWA/XPLE cables, H Mineral Insulated, MW Metal Work, FM Ferrous Metal, O Other
A/A1 - Single Core PVC Cables (4D1A), A/A2 - Multicore PVC Cables (4D2A), F/F1 - Single-core armoures PVC SWA Cables (4D3A), F/F2 - PVC SWA Cables (4D4A), A/A3 - PVC Twin & Earth (4D5), O/O1 - LSF single core cables 90°C rated (4E1A), O/O2 - Multi-core LSF cables 90°C rated (4E2A), G/G1 - Single-core armoured XLPE cables or 90°C rated (4E3A), G/G2 - Multi-core armoured XLPE cables or 90°C rated (4E4A), H/H1 - MICC exposed to touch (4G1A)

ELECTRICAL INSTALLATION CONDITION REPORT - Schedule of Tests

for Industrial/Commercial Premises

FT/EICR 110151231

Requirements for Electrical Installations
BS 7671:2018 (IET Wiring Regulations 18th Edition)

Company Name	PHS Compliance	**Company Address**	Kid Glove Road	**Postcode**	WA3 3GR	**Branch No.**	**Scheme No.**
Client	UPP Residential Services Ltd	**Installation Address**	Swansea University Bay Campus - Dryslwyn 1B & Nest 2, Reception - Ground Floor Tower Information Centre, Fabian Way, Crymlyn Burrows, Swansea, West Glamorgan	**Postcode**	SA1 8EN		

Distribution board details - Complete in every case

Location: Room 1 Riser [Schneider]
Designation: DB CL10/11
Num. of ways: 4 Num. of phases: 1
Supply polarity confirmed: ☑ Phase sequence confirmed: ☐

Complete only if the distribution board is not connected directly to the origin of the installation

Supply to distribution board is from: Sub Mains(DB CL10, 11/L3)
Overcurrent protective device for the distribution circuit: BS(EN) 61009 RCD/RCBO Type B Rating 32 A Voltage 230 V

Characteristics at this distribution board

Associated RCD(if any): BS (EN) 61008
Z_d 0.35 Ω No. of poles 2
I_{pf} 0.72 kA IΔn 30
Time delay (if applicable) N/A
Above 30mA Operating at 1 IΔn 28.8 ms
30mA or below Operating at 5 IΔn 22.0 ms
(if applicable)

Test instrument serial number(s)

Loop impedance 100701/4664
Insulation resistance 100701/4664
Continuity 100701/4664
RCD 100701/4664

CIRCUIT DETAILS / TEST RESULTS

Circuit No. and Line No.	Distribution board Designation / Circuit designation	Type of wiring	Ref. method	No. of points	Circuit conductors csa (mm²) L / N	Circuit conductors csa (mm²) CPC	Maximum disconnection	Overcurrent protective devices BS EN Number	Type No.	Rating (A)	Breaking capacity (KA)	RCD operating (mA)	BS 7671 Max. permitted Zs Other 80% (Ω)	Circuit impedance Ω Ring final circuits only (measured end-to-end) r1	rn	r2	Fig 8 check (✓)	All circuits to be completed using R1R2 or R2, not both R1 + R2	R2	Insulation resistance (Record lower reading) Test voltage V	L/L, L/N M(Ω)	L/E, N/E M(Ω)	Polarity (✓)	Max. Measured Zs (Ω)	RCD testing Above 30mA IΔn ms	30mA or below 5 IΔn ms	Manual test button operation RCD (✓)	AFDD (✓)
1/L3	Sockets	A	B	6	2.5	1.5	0.4	60898 MCB	B	10	6	N/A	3.49	N/A	N/A	N/A	N/A	0.15	N/A	250	LIM	>299	✓	0.73	N/A	N/A	N/A	N/A
2/L3	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
3/L3	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
4/L3	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Details of circuits and/or installed equipment vulnerable to damage when testing

Date(s) dead testing 26/07/2022 To 26/07/2022

Date(s) live testing 26/07/2022 To 26/07/2022

Tested by: Name (capital letters) LIAM KIMBLE Position Electrical Test Engineer Date 26/07/2022

Signature

Wiring Types. A PVC/PVC, B PVC cables in metallic Conduit, C PVC cables in non-metallic Conduit, D PVC cables in metallic trunking, E PVC cables in non-metallic trunking, F PVC/SWA cables, G SWA/XPLE cables, H Mineral Insulated, MW Metal Work, FM Ferrous Metal, O Other
A/A1 - Single Core PVC Cables (4D1A), A/A2 - Multicore PVC Cables (4D2A), F/F1 - Single-core armoures PVC SWA Cables (4D3A), F/F2 - PVC SWA Cables (4D4A), A/A3 - PVC Twin & Earth (4D5), O/O1 - LSF single core cables 90°C rated (4E1A), O/O2 - Multi-core LSF cables 90°C rated (4E2A), G/G1 - Single-core armoured XLPE cables or 90°C rated (4E3A), G/G2 - Multi-core armoured XLPE cables or 90°C rated (4E4A), H/H1 - MICC exposed to touch (4G1A)

ELECTRICAL INSTALLATION CONDITION REPORT - Schedule of Tests

for Industrial/Commercial Premises

FT/EICR 110151231

Requirements for Electrical Installations
BS 7671:2018 (IET Wiring Regulations 18th Edition)

Company Name	PHS Compliance	**Company Address**	Kid Glove Road	**Postcode**	WA3 3GR	**Branch No.**	**Scheme No.**
Client	UPP Residential Services Ltd	**Installation Address**	Swansea University Bay Campus - Dryslwyn 1B & Nest 2, Reception - Ground Floor Tower Information Centre, Fabian Way, Crymlyn Burrows, Swansea, West Glamorgan	**Postcode**	SA1 8EN		

Distribution board details - Complete in every case

Location: Room 2 Riser [Schneider]
Designation: DB CL10/11-1
Num. of ways: 4 Num. of phases: 1
Supply polarity confirmed: ☑ Phase sequence confirmed: ☐

Complete only if the distribution board is not connected directly to the origin of the installation

Supply to distribution board is from: Sub Mains(DB CL10, 11/L3)
Overcurrent protective device for the distribution circuit: BS(EN) 61009 RCD/RCBO Type B Rating 32 A Voltage 230 V

Characteristics at this distribution board

Associated RCD(if any): BS (EN) 61008
Z_d 0.35 Ω No. of poles 2
I_{pf} 0.72 kA IΔn 30
Time delay (if applicable) N/A
Operating at 1 IΔn: Above 30mA 28.8 ms
Operating at 5 IΔn: 30mA or below 22.0 ms
(if applicable)

Test instrument serial number(s)

Loop impedance: 100701/4664
Insulation resistance: 100701/4664
Continuity: 100701/4664
RCD: 100701/4664

CIRCUIT DETAILS / TEST RESULTS

Circuit No. and Line No.	Distribution board Designation / Circuit designation	Type of wiring	Ref. method	No. of points	Circuit conductors csa (mm²) L / N	Circuit conductors csa (mm²) CPC	Maximum disconnection	Overcurrent protective devices BS EN Number	Type No.	Rating (A)	Breaking capacity (KA)	RCD operating (mA)	BS 7671 Max. permitted Zs Other 80% (Ω)	Circuit impedance Ω Ring final circuits only (measured end-to-end) r1	rn	r2	Fig 8 check (✓)	All circuits to be completed using R1R2 or R2, not both R1 + R2	R2	Insulation resistance (Record lower reading) Test voltage V	L/L, L/N M(Ω)	L/E, N/E M(Ω)	Polarity (✓)	Max. Measured Zs (Ω)	RCD testing Above 30mA IΔn ms	30mA or below 5 IΔn ms	Manual test button operation RCD (✓)	AFDD (✓)
1/L3	Sockets	A	B	6	2.5	1.5	0.4	60898 MCB	B	10	6	N/A	3.49	N/A	N/A	N/A	N/A	0.13	N/A	250	LIM	>299	✓	0.78	N/A	N/A	N/A	N/A
2/L3	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
3/L3	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
4/L3	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Details of circuits and/or installed equipment vulnerable to damage when testing

Date(s) dead testing: 26/07/2022 To 26/07/2022

Date(s) live testing: 26/07/2022 To 26/07/2022

Tested by: Name (capital letters): LIAM KIMBLE Position: Electrical Test Engineer Date: 26/07/2022

Signature:

Wiring Types. A PVC/PVC, B PVC cables in metallic Conduit, C PVC cables in non-metallic Conduit, D PVC cables in metallic trunking, E PVC cables in non-metallic trunking, F PVC/SWA cables, G SWA/XPLE cables, H Mineral Insulated, MW Metal Work, FM Ferrous Metal, O Other
A/A1 - Single Core PVC Cables (4D1A), A/A2 - Multicore PVC Cables (4D2A), F/F1 - Single-core armoures PVC SWA Cables (4D3A), F/F2 - PVC SWA Cables (4D4A), A/A3 - PVC Twin & Earth (4D5), O/O1 - LSF single core cables 90°C rated (4E1A), O/O2 - Multi-core LSF cables 90°C rated (4E2A), G/G1 - Single-core armoured XLPE cables or 90°C rated (4E3A), G/G2 - Multi-core armoured XLPE cables or 90°C rated (4E4A), H/H1 - MICC exposed to touch (4G1A)

ELECTRICAL INSTALLATION CONDITION REPORT - Schedule of Tests

for Industrial/Commercial Premises

FT/EICR 110151231

Requirements for Electrical Installations
BS 7671:2018 (IET Wiring Regulations 18th Edition)

Company Name	PHS Compliance	**Company Address**	Kid Glove Road	**Postcode**	WA3 3GR	**Branch No.**	**Scheme No.**
Client	UPP Residential Services Ltd	**Installation Address**	Swansea University Bay Campus - Dryslwyn 1B & Nest 2, Reception - Ground Floor Tower Information Centre, Fabian Way, Crymlyn Burrows, Swansea, West Glamorgan	**Postcode**	SA1 8EN		

Distribution board details - Complete in every case

Location: Room 3 Riser [Schneider]
Designation: DB CL10/11-2
Num. of ways: 4 Num. of phases: 1
Supply polarity confirmed: ☑ Phase sequence confirmed: ☐

Complete only if the distribution board is not connected directly to the origin of the installation

Supply to distribution board is from: Sub Mains(DB CL10, 11/L3)
Overcurrent protective device for the distribution circuit: BS(EN) 61009 RCD/RCBO Type B Rating 32 A Voltage 230 V

Characteristics at this distribution board

Associated RCD(if any): BS (EN) 61008
Z_d 0.35 Ω No. of poles 2
I_{pf} 0.72 kA IΔn 30
Time delay (if applicable) N/A
Above 30mA Operating at 1 IΔn 28.8 ms
30mA or below Operating at 5 IΔn 22.0 ms
(if applicable)

Test instrument serial number(s)

Loop impedance 100701/4664
Insulation resistance 100701/4664
Continuity 100701/4664
RCD 100701/4664

CIRCUIT DETAILS / TEST RESULTS

Circuit No. and Line No.	Distribution board Designation / Circuit designation	Type of wiring	Ref. method	No. of points	Circuit conductors csa (mm²) L / N	Circuit conductors csa (mm²) CPC	Maximum disconnection	Overcurrent protective devices BS EN Number	Type No.	Rating (A)	Breaking capacity (KA)	RCD operating (mA)	BS 7671 Max. permitted Zs Other 80% (Ω)	Circuit impedance Ω Ring final circuits only (measured end-to-end) r1	rn	r2	Fig 8 check (✓)	All circuits to be completed using R1R2 or R2, not both R1 + R2	R2	Insulation resistance (Record lower reading) Test voltage V	L/L, L/N M(Ω)	L/E, N/E M(Ω)	Polarity (✓)	Max. Measured Zs (Ω)	RCD testing Above 30mA IΔn ms	30mA or below 5 IΔn ms	Manual test button operation RCD (✓)	AFDD (✓)
1/L3	Sockets	A	B	6	2.5	1.5	0.4	60898 MCB	B	10	6	N/A	3.49	N/A	N/A	N/A	N/A	0.14	N/A	250	LIM	>299	✓	0.64	N/A	N/A	N/A	N/A
2/L3	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
3/L3	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
4/L3	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Details of circuits and/or installed equipment vulnerable to damage when testing

Date(s) dead testing 26/07/2022 To 26/07/2022

Date(s) live testing 26/07/2022 To 26/07/2022

Tested by: Name (capital letters) LIAM KIMBLE Position Electrical Test Engineer Date 26/07/2022

Signature

Wiring Types. A PVC/PVC, B PVC cables in metallic Conduit, C PVC cables in non-metallic Conduit, D PVC cables in metallic trunking, E PVC cables in non-metallic trunking, F PVC/SWA cables, G SWA/XPLE cables, H Mineral Insulated, MW Metal Work, FM Ferrous Metal, O Other
A/A1 - Single Core PVC Cables (4D1A), A/A2 - Multicore PVC Cables (4D2A), F/F1 - Single-core armoures PVC SWA Cables (4D3A), F/F2 - PVC SWA Cables (4D4A), A/A3 - PVC Twin & Earth (4D5), O/O1 - LSF single core cables 90°C rated (4E1A), O/O2 - Multi-core LSF cables 90°C rated (4E2A), G/G1 - Single-core armoured XLPE cables or 90°C rated (4E3A), G/G2 - Multi-core armoured XLPE cables or 90°C rated (4E4A), H/H1 - MICC exposed to touch (4G1A)

ELECTRICAL INSTALLATION CONDITION REPORT - Schedule of Tests

for Industrial/Commercial Premises

FT/EICR 110151231

Requirements for Electrical Installations
BS 7671:2018 (IET Wiring Regulations 18th Edition)

Company Name	PHS Compliance	**Company Address**	Kid Glove Road	**Postcode**	WA3 3GR	**Branch No.**	**Scheme No.**
Client	UPP Residential Services Ltd	**Installation Address**	Swansea University Bay Campus - Dryslwyn 1B & Nest 2, Reception - Ground Floor Tower Information Centre, Fabian Way, Crymlyn Burrows, Swansea, West Glamorgan	**Postcode**	SA1 8EN		

Distribution board details - Complete in every case

Location: Room 6 Riser [Schneider]
Designation: DB CL10/12
Num. of ways: 4 Num. of phases: 1
Supply polarity confirmed: ☑ Phase sequence confirmed: ☐

Complete only if the distribution board is not connected directly to the origin of the installation

Supply to distribution board is from: Sub Mains(DB CL10, 12/L3)
Overcurrent protective device for the distribution circuit: BS(EN) 61009 RCD/RCBO Type B Rating 32 A Voltage 230 V

Characteristics at this distribution board

Associated RCD(if any): BS (EN) 61008
Z_d 0.32 Ω No. of poles 2
I_{pf} 0.82 kA IΔn 30
Time delay (if applicable) N/A
Operating at 1 IΔn Above 30mA 28.8 ms
Operating at 5 IΔn 30mA or below 24.4 ms
(if applicable)

Test instrument serial number(s)

Loop impedance 100701/4664
Insulation resistance 100701/4664
Continuity 100701/4664
RCD 100701/4664

CIRCUIT DETAILS / TEST RESULTS

Circuit No. and Line No.	Distribution board Designation / Circuit designation	Type of wiring	Ref. method	No. of points	Circuit conductors csa (mm²) L / N	Circuit conductors csa (mm²) CPC	Maximum disconnection	Overcurrent protective devices BS EN Number	Type No.	Rating (A)	Breaking capacity (KA)	RCD operating (mA)	BS 7671 Max. permitted Zs Other 80% (Ω)	Circuit impedance Ω Ring final circuits only (measured end-to-end) r1	rn	r2	Fig 8 check (✓)	All circuits to be completed using R1R2 or R2, not both R1 + R2	R2	Insulation resistance (Record lower reading) Test voltage V	L/L, L/N M(Ω)	L/E, N/E M(Ω)	Polarity (✓)	Max. Measured Zs (Ω)	RCD testing Above 30mA IΔn ms	30mA or below 5 IΔn ms	Manual test button operation RCD (✓)	AFDD (✓)
1/L3	Sockets	A	B	6	2.5	1.5	0.4	60898 MCB	B	10	6	N/A	3.49	N/A	N/A	N/A	N/A	0.14	N/A	250	LIM	>299	✓	0.65	N/A	N/A	N/A	N/A
2/L3	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
3/L3	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
4/L3	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Details of circuits and/or installed equipment vulnerable to damage when testing

Date(s) dead testing 26/07/2022 To 26/07/2022

Date(s) live testing 26/07/2022 To 26/07/2022

Tested by: Name (capital letters) LIAM KIMBLE Position Electrical Test Engineer Date 26/07/2022

Signature

Wiring Types. A PVC/PVC, B PVC cables in metallic Conduit, C PVC cables in non-metallic Conduit, D PVC cables in metallic trunking, E PVC cables in non-metallic trunking, F PVC/SWA cables, G SWA/XPLE cables, H Mineral Insulated, MW Metal Work, FM Ferrous Metal, O Other
A/A1 - Single Core PVC Cables (4D1A), A/A2 - Multicore PVC Cables (4D2A), F/F1 - Single-core armoures PVC SWA Cables (4D3A), F/F2 - PVC SWA Cables (4D4A), A/A3 - PVC Twin & Earth (4D5), O/O1 - LSF single core cables 90°C rated (4E1A), O/O2 - Multi-core LSF cables 90°C rated (4E2A), G/G1 - Single-core armoured XLPE cables or 90°C rated (4E3A), G/G2 - Multi-core armoured XLPE cables or 90°C rated (4E4A), H/H1 - MICC exposed to touch (4G1A)

ELECTRICAL INSTALLATION CONDITION REPORT - Schedule of Tests

for Industrial/Commercial Premises

FT/EICR 110151231

Requirements for Electrical Installations
BS 7671:2018 (IET Wiring Regulations 18th Edition)

Company Name	PHS Compliance	**Company Address**	Kid Glove Road	**Postcode**	WA3 3GR	**Branch No.**	**Scheme No.**
Client	UPP Residential Services Ltd	**Installation Address**	Swansea University Bay Campus - Dryslwyn 1B & Nest 2, Reception - Ground Floor Tower Information Centre, Fabian Way, Crymlyn Burrows, Swansea, West Glamorgan	**Postcode**	SA1 8EN		

Distribution board details - Complete in every case

Location: Room 7 Riser [Schneider]
Designation: DB CL10/12-1
Num. of ways: 4 Num. of phases: 1
Supply polarity confirmed: ☑ Phase sequence confirmed: ☐

Complete only if the distribution board is not connected directly to the origin of the installation

Supply to distribution board is from: Sub Mains(DB CL10, 12/L3)
Overcurrent protective device for the distribution circuit: BS(EN) 61009 RCD/RCBO Type B Rating 32 A Voltage 230 V

Characteristics at this distribution board

Associated RCD(if any): BS (EN) 61008
Z_d 0.32 Ω No. of poles 2
I_{pf} 0.82 kA IΔn 30
Time delay (if applicable) N/A
Operating at 1 IΔn: Above 30mA 28.8 ms
Operating at 5 IΔn: 30mA or below 24.4 ms
(if applicable)

Test instrument serial number(s)

Loop impedance: 100701/4664
Insulation resistance: 100701/4664
Continuity: 100701/4664
RCD: 100701/4664

CIRCUIT DETAILS / TEST RESULTS

Circuit No. and Line No.	Distribution board Designation / Circuit designation	Type of wiring	Ref. method	No. of points	Circuit conductors csa (mm²) L / N	Circuit conductors csa (mm²) CPC	Maximum disconnection	Overcurrent protective devices BS EN Number	Type No.	Rating (A)	Breaking capacity (KA)	RCD operating (mA)	BS 7671 Max. permitted Zs Other 80% (Ω)	Circuit impedance Ω Ring final circuits only (measured end-to-end) r1	rn	r2	Fig 8 check (✓)	All circuits to be completed using R1R2 or R2, not both R1 + R2	R2	Insulation resistance (Record lower reading) Test voltage V	L/L, L/N M(Ω)	L/E, N/E M(Ω)	Polarity (✓)	Max. Measured Zs (Ω)	RCD testing Above 30mA IΔn ms	30mA or below 5 IΔn ms	Manual test button operation RCD (✓)	AFDD (✓)
1/L3	Sockets	A	B	6	2.5	1.5	0.4	60898 MCB	B	10	6	N/A	3.49	N/A	N/A	N/A	N/A	0.14	N/A	250	LIM	>299	✓	0.66	N/A	N/A	N/A	N/A
2/L3	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
3/L3	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
4/L3	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Details of circuits and/or installed equipment vulnerable to damage when testing

Date(s) dead testing: 26/07/2022 To 26/07/2022

Date(s) live testing: 26/07/2022 To 26/07/2022

Tested by: Name (capital letters): LIAM KIMBLE Position: Electrical Test Engineer Date: 26/07/2022

Signature:

Wiring Types. A PVC/PVC, B PVC cables in metallic Conduit, C PVC cables in non-metallic Conduit, D PVC cables in metallic trunking, E PVC cables in non-metallic trunking, F PVC/SWA cables, G SWA/XPLE cables, H Mineral Insulated, MW Metal Work, FM Ferrous Metal, O Other
A/A1 - Single Core PVC Cables (4D1A), A/A2 - Multicore PVC Cables (4D2A), F/F1 - Single-core armoures PVC SWA Cables (4D3A), F/F2 - PVC SWA Cables (4D4A), A/A3 - PVC Twin & Earth (4D5), O/O1 - LSF single core cables 90°C rated (4E1A), O/O2 - Multi-core LSF cables 90°C rated (4E2A), G/G1 - Single-core armoured XLPE cables or 90°C rated (4E3A), G/G2 - Multi-core armoured XLPE cables or 90°C rated (4E4A), H/H1 - MICC exposed to touch (4G1A)

ELECTRICAL INSTALLATION CONDITION REPORT - Schedule of Tests

for Industrial/Commercial Premises

FT/EICR 110151231

Requirements for Electrical Installations
BS 7671:2018 (IET Wiring Regulations 18th Edition)

Company Name	PHS Compliance	**Company Address**	Kid Glove Road	**Postcode**	WA3 3GR	**Branch No.**	**Scheme No.**
Client	UPP Residential Services Ltd	**Installation Address**	Swansea University Bay Campus - Dryslwyn 1B & Nest 2, Reception - Ground Floor Tower Information Centre, Fabian Way, Crymlyn Burrows, Swansea, West Glamorgan	**Postcode**	SA1 8EN		

Distribution board details - Complete in every case

Location: Room 8 Riser [Schneider]
Designation: DB CL10/13
Num. of ways: 4 Num. of phases: 1
Supply polarity confirmed: ☑ Phase sequence confirmed: ☐

Complete only if the distribution board is not connected directly to the origin of the installation

Supply to distribution board is from: Sub Mains(DB CL10, 13/L3)
Overcurrent protective device for the distribution circuit: BS(EN) 61009 RCD/RCBO Type B Rating 32 A Voltage 230 V

Characteristics at this distribution board

Associated RCD(if any): BS (EN) 61008
Z_d 0.35 Ω No. of poles 2
I_{pf} 0.79 kA IΔn 30
Time delay (if applicable) N/A
Above 30mA Operating at 1 IΔn 28.2 ms
30mA or below Operating at 5 IΔn 27.6 ms
(if applicable)

Test instrument serial number(s)

Loop impedance 100701/4664
Insulation resistance 100701/4664
Continuity 100701/4664
RCD 100701/4664

CIRCUIT DETAILS / TEST RESULTS

Circuit No. and Line No.	Distribution board Designation / Circuit designation	Type of wiring	Ref. method	No. of points	Circuit conductors csa (mm²) L / N	Circuit conductors csa (mm²) CPC	Maximum disconnection	Overcurrent protective devices BS EN Number	Type No.	Rating (A)	Breaking capacity (KA)	RCD operating (mA)	BS 7671 Max. permitted Zs Other 80% (Ω)	Circuit impedance Ω Ring final circuits only (measured end-to-end) r1	rn	r2	Fig 8 check (✓)	All circuits to be completed using R1R2 or R2, not both R1 + R2	R2	Insulation resistance (Record lower reading) Test voltage V	L/L, L/N M(Ω)	L/E, N/E M(Ω)	Polarity (✓)	Max. Measured Zs (Ω)	RCD testing Above 30mA IΔn ms	30mA or below 5 IΔn ms	Manual test button operation RCD (✓)	AFDD (✓)
1/L3	Sockets	A	B	6	2.5	1.5	0.4	60898 MCB	B	10	6	N/A	3.49	N/A	N/A	N/A	N/A	0.13	N/A	250	LIM	>299	✓	0.64	N/A	N/A	N/A	N/A
2/L3	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
3/L3	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
4/L3	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Details of circuits and/or installed equipment vulnerable to damage when testing

Date(s) dead testing 26/07/2022 To 26/07/2022

Date(s) live testing 26/07/2022 To 26/07/2022

Tested by: Name (capital letters) LIAM KIMBLE Position Electrical Test Engineer Date 26/07/2022

Signature

Wiring Types. A PVC/PVC, B PVC cables in metallic Conduit, C PVC cables in non-metallic Conduit, D PVC cables in metallic trunking, E PVC cables in non-metallic trunking, F PVC/SWA cables, G SWA/XPLE cables, H Mineral Insulated, MW Metal Work, FM Ferrous Metal, O Other
A/A1 - Single Core PVC Cables (4D1A), A/A2 - Multicore PVC Cables (4D2A), F/F1 - Single-core armoures PVC SWA Cables (4D3A), F/F2 - PVC SWA Cables (4D4A), A/A3 - PVC Twin & Earth (4D5), O/O1 - LSF single core cables 90°C rated (4E1A), O/O2 - Multi-core LSF cables 90°C rated (4E2A), G/G1 - Single-core armoured XLPE cables or 90°C rated (4E3A), G/G2 - Multi-core armoured XLPE cables or 90°C rated (4E4A), H/H1 - MICC exposed to touch (4G1A)

ELECTRICAL INSTALLATION CONDITION REPORT - Schedule of Tests

for Industrial/Commercial Premises

FT/EICR 110151231

Requirements for Electrical Installations
BS 7671:2018 (IET Wiring Regulations 18th Edition)

Company Name	PHS Compliance	**Company Address**	Kid Glove Road	**Postcode**	WA3 3GR	**Branch No.**	**Scheme No.**
Client	UPP Residential Services Ltd	**Installation Address**	Swansea University Bay Campus - Dryslwyn 1B & Nest 2, Reception - Ground Floor Tower Information Centre, Fabian Way, Crymlyn Burrows, Swansea, West Glamorgan	**Postcode**	SA1 8EN		

Distribution board details - Complete in every case

Location: Room X Riser [Schneider]
Designation: DB CL10/13-1
Num. of ways: 4 Num. of phases: 1
Supply polarity confirmed: ☑ Phase sequence confirmed: ☐

Complete only if the distribution board is not connected directly to the origin of the installation

Supply to distribution board is from: Sub Mains(DB CL10, 13/L3)
Overcurrent protective device for the distribution circuit: BS(EN) 61009 RCD/RCBO Type B Rating 32 A Voltage 230 V

Characteristics at this distribution board

Associated RCD(if any): BS (EN) 61008
Z_d 0.35 Ω No. of poles 2
I_{pf} 0.79 kA IΔn 30
Time delay (if applicable) N/A
Operating at 1 IΔn: Above 30mA 28.2 ms
Operating at 5 IΔn: 30mA or below 27.6 ms
(if applicable)

Test instrument serial number(s)

Loop impedance: 100701/4664
Insulation resistance: 100701/4664
Continuity: 100701/4664
RCD: 100701/4664

CIRCUIT DETAILS / TEST RESULTS

Circuit No. and Line No.	Distribution board Designation / Circuit designation	Type of wiring	Ref. method	No. of points	Circuit conductors csa (mm²) L / N	Circuit conductors csa (mm²) CPC	Maximum disconnection	Overcurrent protective devices BS EN Number	Type No.	Rating (A)	Breaking capacity (KA)	RCD operating (mA)	BS 7671 Max. permitted Zs Other 80% (Ω)	Circuit impedance Ω Ring final circuits only (measured end-to-end) r1	rn	r2	Fig 8 check (✓)	All circuits to be completed using R1R2 or R2, not both R1 + R2	R2	Insulation resistance (Record lower reading) Test voltage V	L/L, L/N M(Ω)	L/E, N/E M(Ω)	Polarity (✓)	Max. Measured Zs (Ω)	RCD testing Above 30mA IΔn ms	30mA or below 5 IΔn ms	Manual test button operation RCD (✓)	AFDD (✓)
1/L3	Sockets	A	B	6	2.5	1.5	0.4	60898 MCB	B	10	6	N/A	3.49	N/A	N/A	N/A	N/A	0.17	N/A	250	LIM	>299	✓	0.74	N/A	N/A	N/A	N/A
2/L3	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
3/L3	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
4/L3	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Details of circuits and/or installed equipment vulnerable to damage when testing

Date(s) dead testing: 26/07/2022 To 26/07/2022

Date(s) live testing: 26/07/2022 To 26/07/2022

Tested by: Name (capital letters): LIAM KIMBLE Position: Electrical Test Engineer Date: 26/07/2022

Signature:

Wiring Types. A PVC/PVC, B PVC cables in metallic Conduit, C PVC cables in non-metallic Conduit, D PVC cables in metallic trunking, E PVC cables in non-metallic trunking, F PVC/SWA cables, G SWA/XPLE cables, H Mineral Insulated, MW Metal Work, FM Ferrous Metal, O Other
A/A1 - Single Core PVC Cables (4D1A), A/A2 - Multicore PVC Cables (4D2A), F/F1 - Single-core armoures PVC SWA Cables (4D3A), F/F2 - PVC SWA Cables (4D4A), A/A3 - PVC Twin & Earth (4D5), O/O1 - LSF single core cables 90°C rated (4E1A), O/O2 - Multi-core LSF cables 90°C rated (4E2A), G/G1 - Single-core armoured XLPE cables or 90°C rated (4E3A), G/G2 - Multi-core armoured XLPE cables or 90°C rated (4E4A), H/H1 - MICC exposed to touch (4G1A)

ELECTRICAL INSTALLATION CONDITION REPORT - Schedule of Tests

for Industrial/Commercial Premises

FT/EICR 110151231

Requirements for Electrical Installations
BS 7671:2018 (IET Wiring Regulations 18th Edition)

Company Name	PHS Compliance	**Company Address**	Kid Glove Road	**Postcode**	WA3 3GR	**Branch No.**	**Scheme No.**
Client	UPP Residential Services Ltd	**Installation Address**	Swansea University Bay Campus - Dryslwyn 1B & Nest 2, Reception - Ground Floor Tower Information Centre, Fabian Way, Crymlyn Burrows, Swansea, West Glamorgan	**Postcode**	SA1 8EN		

Distribution board details - Complete in every case

Location: Flat 7 Nest [Schneider]
Designation: DB CL14
Num. of ways: 18 Num. of phases: 1
Supply polarity confirmed: ☑ Phase sequence confirmed: ☐

Complete only if the distribution board is not connected directly to the origin of the installation

Supply to distribution board is from: Sub Mains(BB Nest, 6/L2)
Overcurrent protective device for the distribution circuit: BS(EN) 88-2 HRC Type gG Rating 63 A Voltage 230 V
Time delay (if applicable): N/A

Characteristics at this distribution board

Associated RCD(if any): BS (EN): N/A
Z_d 0.15 Ω No. of poles: N/A
I_{pf} 1.6 kA IΔn: N/A
Above 30mA Operating at 1 IΔn: N/A ms
30mA or below Operating at 5 IΔn: N/A ms
(if applicable)

Test instrument serial number(s)

Loop impedance: 100701/4664
Insulation resistance: 100701/4664
Continuity: 100701/4664
RCD: 100701/4664

CIRCUIT DETAILS / TEST RESULTS

Circuit No. and Line No.	Distribution board Designation / Circuit designation	Type of wiring	Ref. method	No. of points	Circuit conductors csa (mm²) L / N	Circuit conductors csa (mm²) CPC	Maximum disconnection	Overcurrent protective devices BS EN Number	Type No.	Rating (A)	Breaking capacity (KA)	RCD operating (mA)	BS 7671 Max. permitted Zs Other 80% (Ω)	Circuit impedance Ω: Ring final circuits only (measured end-to-end) r1	rn	r2	Fig 8 check (✓)	All circuits to be completed using R1R2 or R2, not both: R1 + R2	R2	Insulation resistance (Record lower reading): Test voltage V	L/L, L/N M(Ω)	L/E, N/E M(Ω)	Polarity (✓)	Max. Measured Zs (Ω)	RCD testing: Above 30mA IΔn ms	30mA or below 5 IΔn ms	Manual test button operation: RCD (✓)	AFDD (✓)
1/L2	Bedroom Lighting 6,7	A	B	8	1.5	1	0.4	61009 RCD/RCBO	C	10	10	30	1.75	N/A	N/A	N/A	N/A	0.32	N/A	250	LIM	>299	✓	0.60	28.4	26.4	✓	N/A
2/L2	Bedroom Lighting 8,9	A	B	8	1.5	1	0.4	61009 RCD/RCBO	C	10	10	30	1.75	N/A	N/A	N/A	N/A	0.44	N/A	250	LIM	>299	✓	0.69	28.6	27.2	✓	N/A
3/L2	Bedroom Lighting 3,4,5	A	B	12	1.5	1	0.4	61009 RCD/RCBO	C	10	10	30	1.75	N/A	N/A	N/A	N/A	0.51	N/A	250	LIM	>299	✓	0.72	28.8	27.9	✓	N/A
4/L2	Bedroom Lighting 1,2	A	B	8	1.5	1	0.4	61009 RCD/RCBO	C	10	10	30	1.75	N/A	N/A	N/A	N/A	0.34	N/A	250	LIM	>299	✓	0.62	29.4	28.0	✓	N/A
5/L2	Common Room Lighting	A	B	6	1.5	1	0.4	61009 RCD/RCBO	C	10	10	30	1.75	N/A	N/A	N/A	N/A	0.22	N/A	250	LIM	>299	✓	0.54	28.8	22.8	✓	N/A
6/L2	Common Room Ring 1	A	B	8	2x2.5	2x1.5	0.4	61009 RCD/RCBO	B	32	10	30	1.09	0.34	0.34	0.46	✓	0.20	N/A	250	LIM	>299	✓	0.34	28.4	26.4	✓	N/A
7/L2	Common Room Ring 2	A	B	8	2x2.5	2x1.5	0.4	61009 RCD/RCBO	B	32	10	30	1.09	0.42	0.42	0.54	✓	0.24	N/A	250	LIM	>299	✓	0.53	28.8	24.4	✓	N/A
8/L2	Isolated	A	B	LIM	10	4	0.4	61009 RCD/RCBO	B	32	10	30	1.09	N/A	N/A	N/A	N/A	LIM	N/A	250	LIM	>299	LIM	LIM	LIM	LIM	LIM	N/A
9/L2	Isolated	A	B	LIM	10	4	0.4	61009 RCD/RCBO	B	32	10	30	1.09	N/A	N/A	N/A	N/A	LIM	N/A	250	LIM	>299	LIM	LIM	LIM	LIM	LIM	N/A
10/L2	Sub Mains(DB CL14/10, DB CL14/10-1)	A	B	2	2x2.5	2x1.5	5	61009 RCD/RCBO	B	32	10	30	1.09	0.24	0.24	0.44	✓	0.19	N/A	250	LIM	>299	✓	0.32	28.5	20.0	✓	N/A
11/L2	Sub Mains(DB CL14/11, DB CL14/11-1, DB CL14/11-2)	A	B	3	2x2.5	2x1.5	5	61009 RCD/RCBO	B	32	10	30	1.09	0.32	0.32	0.48	✓	0.20	N/A	250	LIM	>299	✓	0.36	28.4	26.4	✓	N/A
12/L2	Sub Mains(DB CL14/12, DB CL14/12-1)	A	B	2	2x2.5	2x1.5	5	61009 RCD/RCBO	B	32	10	30	1.09	0.30	0.30	0.45	✓	0.19	N/A	250	LIM	>299	✓	0.30	28.8	24,0	✓	N/A
13/L2	Sub Mains(DB CL14/13, DB CL14/13-1)	A	B	2	2x2.5	2x1.5	5	61009 RCD/RCBO	B	32	10	30	1.09	0.32	0.32	0.48	✓	0.20	N/A	250	LIM	>299	✓	0.34	28.4	27.2	✓	N/A

Details of circuits and/or installed equipment vulnerable to damage when testing

Date(s) dead testing: 02/08/2022 To: 02/08/2022
Date(s) live testing: 02/08/2022 To: 02/08/2022

Tested by: Name (capital letters): LIAM KIMBLE Position: Electrical Test Engineer Date: 02/08/2022
Signature:

Wiring Types. A PVC/PVC, B PVC cables in metallic Conduit, C PVC cables in non-metallic Conduit, D PVC cables in metallic trunking, E PVC cables in non-metallic trunking, F PVC/SWA cables, G SWA/XPLE cables, H Mineral Insulated, MW Metal Work, FM Ferrous Metal, O Other
A/A1 - Single Core PVC Cables (4D1A), A/A2 - Multicore PVC Cables (4D2A), F/F1 - Single-core armoures PVC SWA Cables (4D3A), F/F2 - PVC SWA Cables (4D4A), A/A3 - PVC Twin & Earth (4D5), O/O1 - LSF single core cables 90°C rated (4E1A), O/O2 - Multi-core LSF cables 90°C rated (4E2A), G/G1 - Single-core armoured XLPE cables or 90°C rated (4E3A), G/G2 - Multi-core armoured XLPE cables or 90°C rated (4E4A), H/H1 - MICC exposed to touch (4G1A)

ELECTRICAL INSTALLATION CONDITION REPORT - Schedule of Tests

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for Industrial/Commercial Premises

Requirements for Electrical Installations
BS 7671:2018 (IET Wiring Regulations 18th Edition)

CIRCUIT DETAILS														TEST RESULTS																
Circuit No. and Line No.	Distribution board Designation / Circuit designation	Type of wiring	Ref. method	No. of points	Circuit conductors csa (mm²) L / N	Circuit conductors csa (mm²) CPC	Maximum disconnection	Overcurrent protective devices BS EN Number	Overcurrent protective devices Type No.	Overcurrent protective devices Rating (A)	Breaking capacity (KA)	RCD operating (mA)	BS 7671 Max. permitted Zs Other 80% (Ω)	Circuit impedance Ω Ring final circuits only (measured end-to-end) r1	rn	r2	Fig 8 check (✓)	All circuits to be completed using R1R2 or R2, not both R1 + R2	R2	Insulation resistance (Record lower reading) Test voltage V	L/L, L/N M(Ω)	L/E, N/E M(Ω)	Polarity (✓)	Max. Measured Zs (Ω)	RCD testing Above 30mA IΔn ms	30mA or below 5 IΔn ms	Manual test button operation RCD (✓)	AFDD (✓)
14/L2	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
15/L2	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
16/L2	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
17/L2	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
18/L2	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Details of circuits and/or installed equipment vulnerable to damage when testing

Date(s) dead testing 02/08/2022 To 02/08/2022

Date(s) live testing 02/08/2022 To 02/08/2022

Tested by: Name (capital letters) LIAM KIMBLE Position Electrical Test Engineer Date 02/08/2022

Signature

Wiring Types. A PVC/PVC, B PVC cables in metallic Conduit, C PVC cables in non-metallic Conduit, D PVC cables in metallic trunking, E PVC cables in non-metallic trunking, F PVC/SWA cables, G SWA/XPLE cables, H Mineral Insulated, MW Metal Work, FM Ferrous Metal, O Other
A/A1 - Single Core PVC Cables (4D1A), A/A2 - Multicore PVC Cables (4D2A), F/F1 - Single-core armoures PVC SWA Cables (4D3A), F/F2 - PVC SWA Cables (4D4A), A/A3 - PVC Twin & Earth (4D5), O/O1 - LSF single core cables 90°C rated (4E1A), O/O2 - Multi-core LSF cables 90°C rated (4E2A), G/G1 - Single-core armoured XLPE cables or 90°C rated (4E3A), G/G2 - Multi-core armoured XLPE cables or 90°C rated (4E4A), H/H1 - MICC exposed to touch (4G1A)

ELECTRICAL INSTALLATION CONDITION REPORT - Schedule of Tests

for Industrial/Commercial Premises

FT/EICR 110151231

Requirements for Electrical Installations
BS 7671:2018 (IET Wiring Regulations 18th Edition)

Company Name	PHS Compliance	**Company Address**	Kid Glove Road	**Postcode**	WA3 3GR	**Branch No.**	**Scheme No.**
Client	UPP Residential Services Ltd	**Installation Address**	Swansea University Bay Campus - Dryslwyn 1B & Nest 2, Reception - Ground Floor Tower Information Centre, Fabian Way, Crymlyn Burrows, Swansea, West Glamorgan	**Postcode**	SA1 8EN		

Distribution board details - Complete in every case

Location: Room 4 Riser [Schneider]
Designation: DB CL14/10
Num. of ways: 4 Num. of phases: 1
Supply polarity confirmed: ☑ Phase sequence confirmed: ☐

Complete only if the distribution board is not connected directly to the origin of the installation

Supply to distribution board is from: Sub Mains(DB CL14, 10/L2)
Overcurrent protective device for the distribution circuit: BS(EN) 61009 RCD/RCBO Type B Rating 32 A Voltage 230 V

Characteristics at this distribution board

Associated RCD(if any): BS (EN) 61008
Z_d 0.32 Ω No. of poles 2
I_{pf} 0.72 kA IΔn 30
Time delay (if applicable) N/A
Operating at 1 IΔn: Above 30mA 28.5 ms
Operating at 5 IΔn: 30mA or below 20.0 ms
(if applicable)

Test instrument serial number(s)

Loop impedance: 100701/4664
Insulation resistance: 100701/4664
Continuity: 100701/4664
RCD: 100701/4664

CIRCUIT DETAILS / TEST RESULTS

Circuit No. and Line No.	Distribution board Designation / Circuit designation	Type of wiring	Ref. method	No. of points	Circuit conductors csa (mm²) L / N	Circuit conductors csa (mm²) CPC	Maximum disconnection	Overcurrent protective devices BS EN Number	Type No.	Rating (A)	Breaking capacity (KA)	RCD operating (mA)	BS 7671 Max. permitted Zs Other 80% (Ω)	Circuit impedance Ω Ring final circuits only (measured end-to-end) r1	rn	r2	Fig 8 check (✓)	All circuits to be completed using R1R2 or R2, not both R1 + R2	R2	Insulation resistance (Record lower reading) Test voltage V	L/L, L/N M(Ω)	L/E, N/E M(Ω)	Polarity (✓)	Max. Measured Zs (Ω)	RCD testing Above 30mA IΔn ms	30mA or below 5 IΔn ms	Manual test button operation RCD (✓)	AFDD (✓)
1/L2	Sockets	A	B	6	2.5	1.5	0.4	60898 MCB	B	10	6	N/A	3.49	N/A	N/A	N/A	N/A	0.21	N/A	250	LIM	>299	✓	0.62	N/A	N/A	N/A	N/A
2/L2	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
3/L2	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
4/L2	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Details of circuits and/or installed equipment vulnerable to damage when testing

Date(s) dead testing: 26/07/2022 To 26/07/2022

Date(s) live testing: 26/07/2022 To 26/07/2022

Tested by: Name (capital letters): LIAM KIMBLE Position: Electrical Test Engineer Date: 26/07/2022

Signature:

Wiring Types. A PVC/PVC, B PVC cables in metallic Conduit, C PVC cables in non-metallic Conduit, D PVC cables in metallic trunking, E PVC cables in non-metallic trunking, F PVC/SWA cables, G SWA/XPLE cables, H Mineral Insulated, MW Metal Work, FM Ferrous Metal, O Other
A/A1 - Single Core PVC Cables (4D1A), A/A2 - Multicore PVC Cables (4D2A), F/F1 - Single-core armoures PVC SWA Cables (4D3A), F/F2 - PVC SWA Cables (4D4A), A/A3 - PVC Twin & Earth (4D5), O/O1 - LSF single core cables 90°C rated (4E1A), O/O2 - Multi-core LSF cables 90°C rated (4E2A), G/G1 - Single-core armoured XLPE cables or 90°C rated (4E3A), G/G2 - Multi-core armoured XLPE cables or 90°C rated (4E4A), H/H1 - MICC exposed to touch (4G1A)

ELECTRICAL INSTALLATION CONDITION REPORT - Schedule of Tests

for Industrial/Commercial Premises

FT/EICR 110151231

Requirements for Electrical Installations
BS 7671:2018 (IET Wiring Regulations 18th Edition)

Company Name	PHS Compliance	**Company Address**	Kid Glove Road	**Postcode**	WA3 3GR	**Branch No.**	**Scheme No.**
Client	UPP Residential Services Ltd	**Installation Address**	Swansea University Bay Campus - Dryslwyn 1B & Nest 2, Reception - Ground Floor Tower Information Centre, Fabian Way, Crymlyn Burrows, Swansea, West Glamorgan	**Postcode**	SA1 8EN		

Distribution board details - Complete in every case

Location: Room 5 Riser [Schneider]
Designation: DB CL14/10-1
Num. of ways: 4 Num. of phases: 1
Supply polarity confirmed: ☑ Phase sequence confirmed: ☐

Complete only if the distribution board is not connected directly to the origin of the installation

Supply to distribution board is from: Sub Mains(DB CL14, 10/L2)
Overcurrent protective device for the distribution circuit: BS(EN) 61009 RCD/RCBO Type B Rating 32 A Voltage 230 V

Characteristics at this distribution board

Associated RCD(if any): BS (EN) 61008
Z_d 0.32 Ω No. of poles 2
I_{pf} 0.72 kA IΔn 30
Time delay (if applicable) N/A
Operating at 1 IΔn Above 30mA 28.5 ms
Operating at 5 IΔn 30mA or below 20.0 ms
(if applicable)

Test instrument serial number(s)

Loop impedance 100701/4664
Insulation resistance 100701/4664
Continuity 100701/4664
RCD 100701/4664

CIRCUIT DETAILS / TEST RESULTS

Circuit No. and Line No.	Distribution board Designation / Circuit designation	Type of wiring	Ref. method	No. of points	Circuit conductors csa (mm²) L / N	Circuit conductors csa (mm²) CPC	Maximum disconnection	Overcurrent protective devices BS EN Number	Type No.	Rating (A)	Breaking capacity (KA)	RCD operating (mA)	BS 7671 Max. permitted Zs Other 80% (Ω)	Circuit impedance Ω Ring final circuits only (measured end-to-end) r1	rn	r2	Fig 8 check (✓)	All circuits to be completed using R1R2 or R2, not both R1 + R2	R2	Insulation resistance (Record lower reading) Test voltage V	L/L, L/N M(Ω)	L/E, N/E M(Ω)	Polarity (✓)	Max. Measured Zs (Ω)	RCD testing Above 30mA IΔn ms	30mA or below 5 IΔn ms	Manual test button operation RCD (✓)	AFDD (✓)
1/L2	Sockets	A	B	6	2.5	1.5	0.4	60898 MCB	B	10	6	N/A	3.49	N/A	N/A	N/A	N/A	0.15	N/A	250	LIM	>299	✓	0.55	N/A	N/A	N/A	N/A
2/L2	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
3/L2	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
4/L2	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Details of circuits and/or installed equipment vulnerable to damage when testing

Date(s) dead testing 26/07/2022 To 26/07/2022

Date(s) live testing 26/07/2022 To 26/07/2022

Tested by: Name (capital letters) LIAM KIMBLE Position Electrical Test Engineer Date 26/07/2022

Signature

Wiring Types. A PVC/PVC, B PVC cables in metallic Conduit, C PVC cables in non-metallic Conduit, D PVC cables in metallic trunking, E PVC cables in non-metallic trunking, F PVC/SWA cables, G SWA/XPLE cables, H Mineral Insulated, MW Metal Work, FM Ferrous Metal, O Other
A/A1 - Single Core PVC Cables (4D1A), A/A2 - Multicore PVC Cables (4D2A), F/F1 - Single-core armoures PVC SWA Cables (4D3A), F/F2 - PVC SWA Cables (4D4A), A/A3 - PVC Twin & Earth (4D5), O/O1 - LSF single core cables 90°C rated (4E1A), O/O2 - Multi-core LSF cables 90°C rated (4E2A), G/G1 - Single-core armoured XLPE cables or 90°C rated (4E3A), G/G2 - Multi-core armoured XLPE cables or 90°C rated (4E4A), H/H1 - MICC exposed to touch (4G1A)

ELECTRICAL INSTALLATION CONDITION REPORT - Schedule of Tests

for Industrial/Commercial Premises

FT/EICR 110151231

Requirements for Electrical Installations
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Company Name	PHS Compliance	**Company Address**	Kid Glove Road	**Postcode**	WA3 3GR	**Branch No.**	**Scheme No.**
Client	UPP Residential Services Ltd	**Installation Address**	Swansea University Bay Campus - Dryslwyn 1B & Nest 2, Reception - Ground Floor Tower Information Centre, Fabian Way, Crymlyn Burrows, Swansea, West Glamorgan	**Postcode**	SA1 8EN		

Distribution board details - Complete in every case

Location: Room 1 Riser [Schneider]
Designation: DB CL14/11
Num. of ways: 4 Num. of phases: 1
Supply polarity confirmed: ☑ Phase sequence confirmed: ☐

Complete only if the distribution board is not connected directly to the origin of the installation

Supply to distribution board is from: Sub Mains(DB CL14, 11/L2)
Overcurrent protective device for the distribution circuit: BS(EN) 61009 RCD/RCBO Type B Rating 32 A Voltage 230 V

Characteristics at this distribution board

Associated RCD(if any): BS (EN) 61008
Z_d 0.36 Ω No. of poles 2
I_{pf} 0.64 kA IΔn 30
Time delay (if applicable) N/A
Operating at 1 IΔn Above 30mA 28.4 ms
Operating at 5 IΔn 30mA or below 26.4 ms
(if applicable)

Test instrument serial number(s)

Loop impedance 100701/4664
Insulation resistance 100701/4664
Continuity 100701/4664
RCD 100701/4664

CIRCUIT DETAILS / TEST RESULTS

Circuit No. and Line No.	Distribution board Designation / Circuit designation	Type of wiring	Ref. method	No. of points	Circuit conductors csa (mm²) L / N	Circuit conductors csa (mm²) CPC	Maximum disconnection	Overcurrent protective devices BS EN Number	Type No.	Rating (A)	Breaking capacity (KA)	RCD operating (mA)	BS 7671 Max. permitted Zs Other 80% (Ω)	Circuit impedance Ω Ring final circuits only (measured end-to-end) r1	rn	r2	Fig 8 check (✓)	All circuits to be completed using R1R2 or R2, not both R1 + R2	R2	Insulation resistance (Record lower reading) Test voltage V	L/L, L/N M(Ω)	L/E, N/E M(Ω)	Polarity (✓)	Max. Measured Zs (Ω)	RCD testing Above 30mA IΔn ms	30mA or below 5 IΔn ms	Manual test button operation RCD (✓)	AFDD (✓)
1/L2	Sockets	A	B	6	2.5	1.5	0.4	60898 MCB	B	10	6	N/A	3.49	N/A	N/A	N/A	N/A	0.24	N/A	250	LIM	>299	✓	0.78	N/A	N/A	N/A	N/A
2/L2	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
3/L2	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
4/L2	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Details of circuits and/or installed equipment vulnerable to damage when testing

Date(s) dead testing 26/07/2022 To 26/07/2022

Date(s) live testing 26/07/2022 To 26/07/2022

Tested by: Name (capital letters) LIAM KIMBLE Position Electrical Test Engineer Date 26/07/2022

Signature

Wiring Types. A PVC/PVC, B PVC cables in metallic Conduit, C PVC cables in non-metallic Conduit, D PVC cables in metallic trunking, E PVC cables in non-metallic trunking, F PVC/SWA cables, G SWA/XPLE cables, H Mineral Insulated, MW Metal Work, FM Ferrous Metal, O Other
A/A1 - Single Core PVC Cables (4D1A), A/A2 - Multicore PVC Cables (4D2A), F/F1 - Single-core armoures PVC SWA Cables (4D3A), F/F2 - PVC SWA Cables (4D4A), A/A3 - PVC Twin & Earth (4D5), O/O1 - LSF single core cables 90°C rated (4E1A), O/O2 - Multi-core LSF cables 90°C rated (4E2A), G/G1 - Single-core armoured XLPE cables or 90°C rated (4E3A), G/G2 - Multi-core armoured XLPE cables or 90°C rated (4E4A), H/H1 - MICC exposed to touch (4G1A)

ELECTRICAL INSTALLATION CONDITION REPORT - Schedule of Tests

for Industrial/Commercial Premises

FT/EICR 110151231

Requirements for Electrical Installations
BS 7671:2018 (IET Wiring Regulations 18th Edition)

Company Name	PHS Compliance	**Company Address**	Kid Glove Road	**Postcode**	WA3 3GR	**Branch No.**	**Scheme No.**
Client	UPP Residential Services Ltd	**Installation Address**	Swansea University Bay Campus - Dryslwyn 1B & Nest 2, Reception - Ground Floor Tower Information Centre, Fabian Way, Crymlyn Burrows, Swansea, West Glamorgan	**Postcode**	SA1 8EN		

Distribution board details - Complete in every case

Location: Room 2 Riser [Schneider]
Designation: DB CL14/11-1
Num. of ways: 4 Num. of phases: 1
Supply polarity confirmed: ☑ Phase sequence confirmed: ☐

Complete only if the distribution board is not connected directly to the origin of the installation

Supply to distribution board is from: Sub Mains(DB CL14, 11/L2)
Overcurrent protective device for the distribution circuit: BS(EN) 61009 RCD/RCBO Type B Rating 32 A Voltage 230 V

Characteristics at this distribution board

Associated RCD(if any): BS (EN) 61008
Z_d 0.36 Ω No. of poles 2
I_{pf} 0.64 kA IΔn 30
Time delay (if applicable) N/A
Operating at 1 IΔn: Above 30mA 28.4 ms
Operating at 5 IΔn: 30mA or below 26.4 ms
(if applicable)

Test instrument serial number(s)

Loop impedance: 100701/4664
Insulation resistance: 100701/4664
Continuity: 100701/4664
RCD: 100701/4664

CIRCUIT DETAILS / TEST RESULTS

Circuit No. and Line No.	Distribution board Designation / Circuit designation	Type of wiring	Ref. method	No. of points	Circuit conductors csa (mm²) L / N	Circuit conductors csa (mm²) CPC	Maximum disconnection	Overcurrent protective devices BS EN Number	Type No.	Rating (A)	Breaking capacity (KA)	RCD operating (mA)	BS 7671 Max. permitted Zs Other 80% (Ω)	Circuit impedance Ω Ring final circuits only (measured end-to-end) r1	rn	r2	Fig 8 check (✓)	All circuits to be completed using R1R2 or R2, not both R1 + R2	R2	Insulation resistance (Record lower reading) Test voltage V	L/L, L/N M(Ω)	L/E, N/E M(Ω)	Polarity (✓)	Max. Measured Zs (Ω)	RCD testing Above 30mA IΔn ms	30mA or below 5 IΔn ms	Manual test button operation RCD (✓)	AFDD (✓)
1/L2	Sockets	A	B	6	2.5	1.5	0.4	60898 MCB	B	10	6	N/A	3.49	N/A	N/A	N/A	N/A	0.14	N/A	250	LIM	>299	✓	0.60	N/A	N/A	N/A	N/A
2/L2	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
3/L2	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
4/L2	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Details of circuits and/or installed equipment vulnerable to damage when testing

Date(s) dead testing: 26/07/2022 To 26/07/2022

Date(s) live testing: 26/07/2022 To 26/07/2022

Tested by: Name (capital letters): LIAM KIMBLE Position: Electrical Test Engineer Date: 26/07/2022

Signature:

Wiring Types. A PVC/PVC, B PVC cables in metallic Conduit, C PVC cables in non-metallic Conduit, D PVC cables in metallic trunking, E PVC cables in non-metallic trunking, F PVC/SWA cables, G SWA/XPLE cables, H Mineral Insulated, MW Metal Work, FM Ferrous Metal, O Other
A/A1 - Single Core PVC Cables (4D1A), A/A2 - Multicore PVC Cables (4D2A), F/F1 - Single-core armoures PVC SWA Cables (4D3A), F/F2 - PVC SWA Cables (4D4A), A/A3 - PVC Twin & Earth (4D5), O/O1 - LSF single core cables 90°C rated (4E1A), O/O2 - Multi-core LSF cables 90°C rated (4E2A), G/G1 - Single-core armoured XLPE cables or 90°C rated (4E3A), G/G2 - Multi-core armoured XLPE cables or 90°C rated (4E4A), H/H1 - MICC exposed to touch (4G1A)

ELECTRICAL INSTALLATION CONDITION REPORT - Schedule of Tests

for Industrial/Commercial Premises

FT/EICR 110151231

Requirements for Electrical Installations
BS 7671:2018 (IET Wiring Regulations 18th Edition)

Company Name	PHS Compliance	**Company Address**	Kid Glove Road	**Postcode**	WA3 3GR	**Branch No.**	**Scheme No.**
Client	UPP Residential Services Ltd	**Installation Address**	Swansea University Bay Campus - Dryslwyn 1B & Nest 2, Reception - Ground Floor Tower Information Centre, Fabian Way, Crymlyn Burrows, Swansea, West Glamorgan	**Postcode**	SA1 8EN		

Distribution board details - Complete in every case

Location: Room 3 Riser [Schneider]
Designation: DB CL14/11-2
Num. of ways: 4 Num. of phases: 1
Supply polarity confirmed: ☑ Phase sequence confirmed: ☐

Complete only if the distribution board is not connected directly to the origin of the installation

Supply to distribution board is from: Sub Mains(DB CL14, 11/L2)
Overcurrent protective device for the distribution circuit: BS(EN) 61009 RCD/RCBO Type B Rating 32 A Voltage 230 V

Characteristics at this distribution board

Associated RCD(if any): BS (EN) 61008
Z_d 0.36 Ω No. of poles 2
I_{pf} 0.64 kA IΔn 30
Time delay (if applicable) N/A
Operating at 1 IΔn: Above 30mA 28.4 ms
Operating at 5 IΔn: 30mA or below 26.4 ms
(if applicable)

Test instrument serial number(s)

Loop impedance: 100701/4664
Insulation resistance: 100701/4664
Continuity: 100701/4664
RCD: 100701/4664

CIRCUIT DETAILS / TEST RESULTS

Circuit No. and Line No.	Distribution board Designation / Circuit designation	Type of wiring	Ref. method	No. of points	Circuit conductors csa (mm²) L / N	Circuit conductors csa (mm²) CPC	Maximum disconnection	Overcurrent protective devices BS EN Number	Type No.	Rating (A)	Breaking capacity (KA)	RCD operating (mA)	BS 7671 Max. permitted Zs Other 80% (Ω)	Circuit impedance Ω Ring final circuits only (measured end-to-end) r1	rn	r2	Fig 8 check (✓)	All circuits to be completed using R1R2 or R2, not both R1 + R2	R2	Insulation resistance (Record lower reading) Test voltage V	L/L, L/N M(Ω)	L/E, N/E M(Ω)	Polarity (✓)	Max. Measured Zs (Ω)	RCD testing Above 30mA IΔn ms	30mA or below 5 IΔn ms	Manual test button operation RCD (✓)	AFDD (✓)
1/L2	Sockets	A	B	6	2.5	1.5	0.4	60898 MCB	B	10	6	N/A	3.49	N/A	N/A	N/A	N/A	0.16	N/A	250	LIM	>299	✓	0.68	N/A	N/A	N/A	N/A
2/L2	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
3/L2	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
4/L2	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Details of circuits and/or installed equipment vulnerable to damage when testing

Date(s) dead testing: 26/07/2022 To: 26/07/2022

Date(s) live testing: 26/07/2022 To: 26/07/2022

Tested by: Name (capital letters): LIAM KIMBLE Position: Electrical Test Engineer Date: 26/07/2022

Signature

Wiring Types. A PVC/PVC, B PVC cables in metallic Conduit, C PVC cables in non-metallic Conduit, D PVC cables in metallic trunking, E PVC cables in non-metallic trunking, F PVC/SWA cables, G SWA/XPLE cables, H Mineral Insulated, MW Metal Work, FM Ferrous Metal, O Other
A/A1 - Single Core PVC Cables (4D1A), A/A2 - Multicore PVC Cables (4D2A), F/F1 - Single-core armoures PVC SWA Cables (4D3A), F/F2 - PVC SWA Cables (4D4A), A/A3 - PVC Twin & Earth (4D5), O/O1 - LSF single core cables 90°C rated (4E1A), O/O2 - Multi-core LSF cables 90°C rated (4E2A), G/G1 - Single-core armoured XLPE cables or 90°C rated (4E3A), G/G2 - Multi-core armoured XLPE cables or 90°C rated (4E4A), H/H1 - MICC exposed to touch (4G1A)

ELECTRICAL INSTALLATION CONDITION REPORT - Schedule of Tests

for Industrial/Commercial Premises

FT/EICR 110151231

Requirements for Electrical Installations
BS 7671:2018 (IET Wiring Regulations 18th Edition)

Company Name	PHS Compliance	**Company Address**	Kid Glove Road	**Postcode**	WA3 3GR	**Branch No.**	**Scheme No.**
Client	UPP Residential Services Ltd	**Installation Address**	Swansea University Bay Campus - Dryslwyn 1B & Nest 2, Reception - Ground Floor Tower Information Centre, Fabian Way, Crymlyn Burrows, Swansea, West Glamorgan	**Postcode**	SA1 8EN		

Distribution board details - Complete in every case

Location: Room 6 Riser [Schneider]
Designation: DB CL14/12
Num. of ways: 4 Num. of phases: 1
Supply polarity confirmed: ☑ Phase sequence confirmed: ☐

Complete only if the distribution board is not connected directly to the origin of the installation

Supply to distribution board is from: Sub Mains(DB CL14, 12/L2)
Overcurrent protective device for the distribution circuit: BS(EN) 61009 RCD/RCBO Type B Rating 32 A Voltage 230 V

Characteristics at this distribution board

Associated RCD(if any): BS (EN) 61008
Z_d 0.30 Ω No. of poles 2
I_{pf} 0.77 kA IΔn 30
Time delay (if applicable) N/A
Operating at 1 IΔn Above 30mA 28.8 ms
30mA or below
Operating at 5 IΔn 24,0 ms
(if applicable)

Test instrument serial number(s)

Loop impedance 100701/4664
Insulation resistance 100701/4664
Continuity 100701/4664
RCD 100701/4664

CIRCUIT DETAILS / TEST RESULTS

Circuit No. and Line No.	Distribution board Designation / Circuit designation	Type of wiring	Ref. method	No. of points	Circuit conductors csa (mm²) L / N	Circuit conductors csa (mm²) CPC	Maximum disconnection	Overcurrent protective devices BS EN Number	Type No.	Rating (A)	Breaking capacity (KA)	RCD operating (mA)	BS 7671 Max. permitted Zs Other 80% (Ω)	Circuit impedance Ω Ring final circuits only (measured end-to-end) r1	rn	r2	Fig 8 check (✓)	All circuits to be completed using R1R2 or R2, not both R1 + R2	R2	Insulation resistance (Record lower reading) Test voltage V	L/L, L/N M(Ω)	L/E, N/E M(Ω)	Polarity (✓)	Max. Measured Zs (Ω)	RCD testing Above 30mA IΔn ms	30mA or below 5 IΔn ms	Manual test button operation RCD (✓)	AFDD (✓)
1/L2	Sockets	A	B	6	2.5	1.5	0.4	60898 MCB	B	10	6	N/A	3.49	N/A	N/A	N/A	N/A	0.14	N/A	250	LIM	>299	✓	0.66	N/A	N/A	N/A	N/A
2/L2	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
3/L2	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
4/L2	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Details of circuits and/or installed equipment vulnerable to damage when testing

Date(s) dead testing 26/07/2022 To 26/07/2022

Date(s) live testing 26/07/2022 To 26/07/2022

Tested by: Name (capital letters) LIAM KIMBLE Position Electrical Test Engineer Date 26/07/2022

Signature

Wiring Types. A PVC/PVC, B PVC cables in metallic Conduit, C PVC cables in non-metallic Conduit, D PVC cables in metallic trunking, E PVC cables in non-metallic trunking, F PVC/SWA cables, G SWA/XPLE cables, H Mineral Insulated, MW Metal Work, FM Ferrous Metal, O Other
A/A1 - Single Core PVC Cables (4D1A), A/A2 - Multicore PVC Cables (4D2A), F/F1 - Single-core armoures PVC SWA Cables (4D3A), F/F2 - PVC SWA Cables (4D4A), A/A3 - PVC Twin & Earth (4D5), O/O1 - LSF single core cables 90°C rated (4E1A), O/O2 - Multi-core LSF cables 90°C rated (4E2A), G/G1 - Single-core armoured XLPE cables or 90°C rated (4E3A), G/G2 - Multi-core armoured XLPE cables or 90°C rated (4E4A), H/H1 - MICC exposed to touch (4G1A)

ELECTRICAL INSTALLATION CONDITION REPORT - Schedule of Tests

for Industrial/Commercial Premises

FT/EICR 110151231

Requirements for Electrical Installations
BS 7671:2018 (IET Wiring Regulations 18th Edition)

Company Name	PHS Compliance	**Company Address**	Kid Glove Road	**Postcode**	WA3 3GR	**Branch No.**	**Scheme No.**
Client	UPP Residential Services Ltd	**Installation Address**	Swansea University Bay Campus - Dryslwyn 1B & Nest 2, Reception - Ground Floor Tower Information Centre, Fabian Way, Crymlyn Burrows, Swansea, West Glamorgan	**Postcode**	SA1 8EN		

Distribution board details - Complete in every case

Location: Room 7 Riser [Schneider]
Designation: DB CL14/12-1
Num. of ways: 4 Num. of phases: 1
Supply polarity confirmed: ☑ Phase sequence confirmed: ☐

Complete only if the distribution board is not connected directly to the origin of the installation

Supply to distribution board is from: Sub Mains(DB CL14, 12/L2)
Overcurrent protective device for the distribution circuit: BS(EN) 61009 RCD/RCBO Type B Rating 32 A Voltage 230 V

Characteristics at this distribution board

Associated RCD(if any): BS (EN) 61008
Z_d 0.30 Ω No. of poles 2
I_{pf} 0.77 kA IΔn 30
Time delay (if applicable) N/A
Operating at 1 IΔn: Above 30mA 28.8 ms
Operating at 5 IΔn: 30mA or below 24,0 ms
(if applicable)

Test instrument serial number(s)

Loop impedance: 100701/4664
Insulation resistance: 100701/4664
Continuity: 100701/4664
RCD: 100701/4664

CIRCUIT DETAILS / TEST RESULTS

Circuit No. and Line No.	Distribution board Designation / Circuit designation	Type of wiring	Ref. method	No. of points	Circuit conductors csa (mm²) L / N	Circuit conductors csa (mm²) CPC	Maximum disconnection	Overcurrent protective devices BS EN Number	Type No.	Rating (A)	Breaking capacity (KA)	RCD operating (mA)	BS 7671 Max. permitted Zs Other 80% (Ω)	Circuit impedance Ω Ring final circuits only (measured end-to-end) r1	rn	r2	Fig 8 check (✓)	All circuits to be completed using R1R2 or R2, not both R1 + R2	R2	Insulation resistance (Record lower reading) Test voltage V	L/L, L/N M(Ω)	L/E, N/E M(Ω)	Polarity (✓)	Max. Measured Zs (Ω)	RCD testing Above 30mA IΔn ms	30mA or below 5 IΔn ms	Manual test button operation RCD (✓)	AFDD (✓)
1/L2	Sockets	A	B	6	2.5	1.5	0.4	60898 MCB	B	10	6	N/A	3.49	N/A	N/A	N/A	N/A	0.18	N/A	250	LIM	>299	✓	0.74	N/A	N/A	N/A	N/A
2/L2	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
3/L2	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
4/L2	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Details of circuits and/or installed equipment vulnerable to damage when testing

Date(s) dead testing: 26/07/2022 To 26/07/2022

Date(s) live testing: 26/07/2022 To 26/07/2022

Tested by: Name (capital letters): LIAM KIMBLE Position: Electrical Test Engineer Date: 26/07/2022

Signature:

Wiring Types. A PVC/PVC, B PVC cables in metallic Conduit, C PVC cables in non-metallic Conduit, D PVC cables in metallic trunking, E PVC cables in non-metallic trunking, F PVC/SWA cables, G SWA/XPLE cables, H Mineral Insulated, MW Metal Work, FM Ferrous Metal, O Other
A/A1 - Single Core PVC Cables (4D1A), A/A2 - Multicore PVC Cables (4D2A), F/F1 - Single-core armoures PVC SWA Cables (4D3A), F/F2 - PVC SWA Cables (4D4A), A/A3 - PVC Twin & Earth (4D5), O/O1 - LSF single core cables 90°C rated (4E1A), O/O2 - Multi-core LSF cables 90°C rated (4E2A), G/G1 - Single-core armoured XLPE cables or 90°C rated (4E3A), G/G2 - Multi-core armoured XLPE cables or 90°C rated (4E4A), H/H1 - MICC exposed to touch (4G1A)

ELECTRICAL INSTALLATION CONDITION REPORT - Schedule of Tests

for Industrial/Commercial Premises

FT/EICR 110151231

Requirements for Electrical Installations
BS 7671:2018 (IET Wiring Regulations 18th Edition)

Company Name	PHS Compliance	**Company Address**	Kid Glove Road	**Postcode**	WA3 3GR	**Branch No.**	**Scheme No.**
Client	UPP Residential Services Ltd	**Installation Address**	Swansea University Bay Campus - Dryslwyn 1B & Nest 2, Reception - Ground Floor Tower Information Centre, Fabian Way, Crymlyn Burrows, Swansea, West Glamorgan	**Postcode**	SA1 8EN		

Distribution board details - Complete in every case

Location: Room 8 Riser [Schneider]
Designation: DB CL14/13
Num. of ways: 4 Num. of phases: 1
Supply polarity confirmed: ☑ Phase sequence confirmed: ☐

Complete only if the distribution board is not connected directly to the origin of the installation

Supply to distribution board is from: Sub Mains(DB CL14, 13/L2)
Overcurrent protective device for the distribution circuit: BS(EN) 61009 RCD/RCBO Type B Rating 32 A Voltage 230 V

Characteristics at this distribution board

Associated RCD(if any): BS (EN) 61008
Z_d 0.34 Ω No. of poles 2
I_{pf} 0.72 kA IΔn 30
Time delay (if applicable) N/A
Operating at 1 IΔn: Above 30mA 28.4 ms
Operating at 5 IΔn: 30mA or below 27.2 ms
(if applicable)

Test instrument serial number(s)

Loop impedance: 100701/4664
Insulation resistance: 100701/4664
Continuity: 100701/4664
RCD: 100701/4664

CIRCUIT DETAILS / TEST RESULTS

Circuit No. and Line No.	Distribution board Designation / Circuit designation	Type of wiring	Ref. method	No. of points	Circuit conductors csa (mm²) L / N	Circuit conductors csa (mm²) CPC	Maximum disconnection	Overcurrent protective devices BS EN Number	Type No.	Rating (A)	Breaking capacity (KA)	RCD operating (mA)	BS 7671 Max. permitted Zs Other 80% (Ω)	Circuit impedance Ω: Ring final circuits only (measured end-to-end) r1	rn	r2	Fig 8 check (✓)	All circuits to be completed using R1R2 or R2, not both: R1 + R2	R2	Insulation resistance (Record lower reading): Test voltage V	L/L, L/N M(Ω)	L/E, N/E M(Ω)	Polarity (✓)	Max. Measured Zs (Ω)	RCD testing: Above 30mA IΔn ms	30mA or below 5 IΔn ms	Manual test button operation: RCD (✓)	AFDD (✓)
1/L2	Sockets	A	B	6	2.5	1.5	0.4	60898 MCB	B	10	6	N/A	3.49	N/A	N/A	N/A	N/A	0.18	N/A	250	LIM	>299	✓	0.57	N/A	N/A	N/A	N/A
2/L2	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
3/L2	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
4/L2	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Details of circuits and/or installed equipment vulnerable to damage when testing

Date(s) dead testing: 26/07/2022 To 26/07/2022

Date(s) live testing: 26/07/2022 To 26/07/2022

Tested by: Name (capital letters): LIAM KIMBLE Position: Electrical Test Engineer Date: 26/07/2022

Signature:

Wiring Types. A PVC/PVC, B PVC cables in metallic Conduit, C PVC cables in non-metallic Conduit, D PVC cables in metallic trunking, E PVC cables in non-metallic trunking, F PVC/SWA cables, G SWA/XPLE cables, H Mineral Insulated, MW Metal Work, FM Ferrous Metal, O Other
A/A1 - Single Core PVC Cables (4D1A), A/A2 - Multicore PVC Cables (4D2A), F/F1 - Single-core armoures PVC SWA Cables (4D3A), F/F2 - PVC SWA Cables (4D4A), A/A3 - PVC Twin & Earth (4D5), O/O1 - LSF single core cables 90°C rated (4E1A), O/O2 - Multi-core LSF cables 90°C rated (4E2A), G/G1 - Single-core armoured XLPE cables or 90°C rated (4E3A), G/G2 - Multi-core armoured XLPE cables or 90°C rated (4E4A), H/H1 - MICC exposed to touch (4G1A)

ELECTRICAL INSTALLATION CONDITION REPORT - Schedule of Tests

for Industrial/Commercial Premises

FT/EICR 110151231

Requirements for Electrical Installations
BS 7671:2018 (IET Wiring Regulations 18th Edition)

Company Name	PHS Compliance	**Company Address**	Kid Glove Road	**Postcode**	WA3 3GR	**Branch No.**	**Scheme No.**
Client	UPP Residential Services Ltd	**Installation Address**	Swansea University Bay Campus - Dryslwyn 1B & Nest 2, Reception - Ground Floor Tower Information Centre, Fabian Way, Crymlyn Burrows, Swansea, West Glamorgan	**Postcode**	SA1 8EN		

Distribution board details - Complete in every case

Location: Room X Riser [Schneider]
Designation: DB CL14/13-1
Num. of ways: 4 Num. of phases: 1
Supply polarity confirmed: ☑ Phase sequence confirmed: ☐

Complete only if the distribution board is not connected directly to the origin of the installation

Supply to distribution board is from: Sub Mains(DB CL14, 13/L2)
Overcurrent protective device for the distribution circuit: BS(EN) 61009 RCD/RCBO Type B Rating 32 A Voltage 230 V

Characteristics at this distribution board

Associated RCD(if any): BS (EN) 61008
Z_d 0.34 Ω No. of poles 2
I_{pf} 0.72 kA IΔn 30
Time delay (if applicable) N/A
Operating at 1 IΔn Above 30mA 28.4 ms
Operating at 5 IΔn 30mA or below 27.2 ms
(if applicable)

Test instrument serial number(s)

Loop impedance 100701/4664
Insulation resistance 100701/4664
Continuity 100701/4664
RCD 100701/4664

CIRCUIT DETAILS / TEST RESULTS

Circuit No. and Line No.	Distribution board Designation / Circuit designation	Type of wiring	Ref. method	No. of points	Circuit conductors csa (mm²) L / N	Circuit conductors csa (mm²) CPC	Maximum disconnection	Overcurrent protective devices BS EN Number	Type No.	Rating (A)	Breaking capacity (KA)	RCD operating (mA)	BS 7671 Max. permitted Zs Other 80% (Ω)	Circuit impedance Ω Ring final circuits only (measured end-to-end) r1	rn	r2	Fig 8 check (✓)	All circuits to be completed using R1R2 or R2, not both R1 + R2	R2	Insulation resistance (Record lower reading) Test voltage V	L/L, L/N M(Ω)	L/E, N/E M(Ω)	Polarity (✓)	Max. Measured Zs (Ω)	RCD testing Above 30mA IΔn ms	30mA or below 5 IΔn ms	Manual test button operation RCD (✓)	AFDD (✓)
1/L2	Sockets	A	B	6	2.5	1.5	0.4	60898 MCB	B	10	6	N/A	3.49	N/A	N/A	N/A	N/A	0.16	N/A	250	LIM	>299	✓	0.66	N/A	N/A	N/A	N/A
2/L2	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
3/L2	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
4/L2	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Details of circuits and/or installed equipment vulnerable to damage when testing

Date(s) dead testing 26/07/2022 To 26/07/2022

Date(s) live testing 26/07/2022 To 26/07/2022

Tested by: Name (capital letters) LIAM KIMBLE Position Electrical Test Engineer Date 26/07/2022

Signature

Wiring Types. A PVC/PVC, B PVC cables in metallic Conduit, C PVC cables in non-metallic Conduit, D PVC cables in metallic trunking, E PVC cables in non-metallic trunking, F PVC/SWA cables, G SWA/XPLE cables, H Mineral Insulated, MW Metal Work, FM Ferrous Metal, O Other
A/A1 - Single Core PVC Cables (4D1A), A/A2 - Multicore PVC Cables (4D2A), F/F1 - Single-core armoures PVC SWA Cables (4D3A), F/F2 - PVC SWA Cables (4D4A), A/A3 - PVC Twin & Earth (4D5), O/O1 - LSF single core cables 90°C rated (4E1A), O/O2 - Multi-core LSF cables 90°C rated (4E2A), G/G1 - Single-core armoured XLPE cables or 90°C rated (4E3A), G/G2 - Multi-core armoured XLPE cables or 90°C rated (4E4A), H/H1 - MICC exposed to touch (4G1A)

ELECTRICAL INSTALLATION CONDITION REPORT - Schedule of Tests

for Industrial/Commercial Premises

FT/EICR 110151231

Requirements for Electrical Installations
BS 7671:2018 (IET Wiring Regulations 18th Edition)

Company Name	PHS Compliance	**Company Address**	Kid Glove Road	**Postcode**	WA3 3GR	**Branch No.**	**Scheme No.**
Client	UPP Residential Services Ltd	**Installation Address**	Swansea University Bay Campus - Dryslwyn 1B & Nest 2, Reception - Ground Floor Tower Information Centre, Fabian Way, Crymlyn Burrows, Swansea, West Glamorgan	**Postcode**	SA1 8EN		

Distribution board details - Complete in every case

Location: Flat 9 Nest [Schneider]
Designation: DB CL18
Num. of ways: 18 Num. of phases: 1
Supply polarity confirmed: ☑ Phase sequence confirmed: ☐

Complete only if the distribution board is not connected directly to the origin of the installation

Supply to distribution board is from: Sub Mains(BB Nest, 9/L2)
Overcurrent protective device for the distribution circuit: BS(EN) 88-2 HRC Type gG Rating 63 A Voltage 230 V
Time delay (if applicable): N/A

Characteristics at this distribution board

Associated RCD(if any): BS (EN) N/A
Z_d 0.14 Ω No. of poles N/A
I_{pf} 1.8 kA IΔn N/A
Operating at 1 IΔn: Above 30mA N/A ms
Operating at 5 IΔn: 30mA or below N/A ms
(if applicable)

Test instrument serial number(s)

Loop impedance: 100701/4664
Insulation resistance: 100701/4664
Continuity: 100701/4664
RCD: 100701/4664

CIRCUIT DETAILS / TEST RESULTS

Circuit No. and Line No.	Distribution board Designation / Circuit designation	Type of wiring	Ref. method	No. of points	Circuit conductors csa (mm²) L / N	Circuit conductors csa (mm²) CPC	Maximum disconnection	Overcurrent protective devices BS EN Number	Type No.	Rating (A)	Breaking capacity (KA)	RCD operating (mA)	BS 7671 Max. permitted Zs Other 80% (Ω)	Circuit impedance Ω Ring final circuits only (measured end-to-end) r1	rn	r2	Fig 8 check (✓)	All circuits to be completed using R1R2 or R2, not both R1 + R2	R2	Insulation resistance (Record lower reading) Test voltage V	L/L, L/N M(Ω)	L/E, N/E M(Ω)	Polarity (✓)	Max. Measured Zs (Ω)	RCD testing Above 30mA IΔn ms	30mA or below 5 IΔn ms	Manual test button operation RCD (✓)	AFDD (✓)
1/L2	Bedroom Lighting 6,7	A	B	8	1.5	1	0.4	61009 RCD/RCBO	C	10	10	30	1.75	N/A	N/A	N/A	N/A	0.42	N/A	250	LIM	>299	✓	0.62	28.8	27.2	✓	N/A
2/L2	Bedroom Lighting 8,9	A	B	8	1.5	1	0.4	61009 RCD/RCBO	C	10	10	30	1.75	N/A	N/A	N/A	N/A	0.51	N/A	250	LIM	>299	✓	0.82	20.4	15.4	✓	N/A
3/L2	Bedroom Lighting 3,4,5	A	B	12	1.5	1	0.4	61009 RCD/RCBO	C	10	10	30	1.75	N/A	N/A	N/A	N/A	0.44	N/A	250	LIM	>299	✓	0.71	28.4	27.0	✓	N/A
4/L2	Bedroom Lighting 1,2	A	B	8	1.5	1	0.4	61009 RCD/RCBO	C	10	10	30	1.75	N/A	N/A	N/A	N/A	0.25	N/A	250	LIM	>299	✓	0.52	29.0	28.5	✓	N/A
5/L2	Common Room Lighting	A	B	8	1.5	1	0.4	61009 RCD/RCBO	C	10	10	30	1.75	N/A	N/A	N/A	N/A	0.30	N/A	250	LIM	>299	✓	0.48	28.4	27.9	✓	N/A
6/L2	Common Room Ring 1	A	B	8	2x2.5	2x1.5	0.4	61009 RCD/RCBO	B	32	10	30	1.09	0.38	0.38	0.62	✓	0.25	N/A	250	LIM	>299	✓	0.38	28.4	27.2	✓	N/A
7/L2	Common Room Ring 2	A	B	8	2x2.5	2x1.5	0.4	61009 RCD/RCBO	B	32	10	30	1.09	0.42	0.42	0.62	✓	0.26	N/A	250	LIM	>299	✓	0.40	28.8	20.4	✓	N/A
8/L2	Isolated	A	B	LIM	10	4	0.4	61009 RCD/RCBO	B	32	10	30	1.09	N/A	N/A	N/A	N/A	LIM	N/A	250	LIM	>299	LIM	LIM	LIM	LIM	LIM	N/A
9/L2	Isolated	A	B	LIM	10	4	0.4	61009 RCD/RCBO	B	32	10	30	1.09	N/A	N/A	N/A	N/A	LIM	N/A	250	LIM	>299	LIM	LIM	LIM	LIM	LIM	N/A
10/L2	Sub Mains(DB CL18/10, DB CL18/10-1)	A	B	2	2x2.5	2x1.5	5	61009 RCD/RCBO	B	32	10	30	1.09	0.32	0.32	0.52	✓	0.21	N/A	250	LIM	>299	✓	0.39	28.5	25.2	✓	N/A
11/L2	Sub Mains(DB CL18/11, DB CL18/11-1, DB CL18/11-2)	A	B	3	2x2.5	2x1.5	5	61009 RCD/RCBO	B	32	10	30	1.09	0.60	0.60	0.70	✓	0.33	N/A	250	LIM	>299	✓	0.50	28.8	27.9	✓	N/A
12/L2	Sub Mains(DB CL18/12, DB CL18/12-1)	A	B	2	2x2.5	2x1.5	5	61009 RCD/RCBO	B	32	10	30	1.09	0.40	0.40	0.52	✓	0.23	N/A	250	LIM	>299	✓	0.38	28.5	25,4	✓	N/A
13/L2	Sub Mains(DB CL18/13, DB CL18/13-1)	A	B	2	2x2.5	2x1.5	5	61009 RCD/RCBO	B	32	10	30	1.09	0.47	0.47	0.58	✓	0.26	N/A	250	LIM	>299	✓	0.40	28.8	27.2	✓	N/A

Details of circuits and/or installed equipment vulnerable to damage when testing

Date(s) dead testing: 02/08/2022 To: 02/08/2022
Date(s) live testing: 02/08/2022 To: 02/08/2022

Tested by: Name (capital letters): LIAM KIMBLE Position: Electrical Test Engineer Date: 02/08/2022
Signature:

Wiring Types. A PVC/PVC, B PVC cables in metallic Conduit, C PVC cables in non-metallic Conduit, D PVC cables in metallic trunking, E PVC cables in non-metallic trunking, F PVC/SWA cables, G SWA/XPLE cables, H Mineral Insulated, MW Metal Work, FM Ferrous Metal, O Other
A/A1 - Single Core PVC Cables (4D1A), A/A2 - Multicore PVC Cables (4D2A), F/F1 - Single-core armoures PVC SWA Cables (4D3A), F/F2 - PVC SWA Cables (4D4A), A/A3 - PVC Twin & Earth (4D5), O/O1 - LSF single core cables 90°C rated (4E1A), O/O2 - Multi-core LSF cables 90°C rated (4E2A), G/G1 - Single-core armoured XLPE cables or 90°C rated (4E3A), G/G2 - Multi-core armoured XLPE cables or 90°C rated (4E4A), H/H1 - MICC exposed to touch (4G1A)

ELECTRICAL INSTALLATION CONDITION REPORT - Schedule of Tests

FT/EICR 110151231

for Industrial/Commercial Premises

Requirements for Electrical Installations
BS 7671:2018 (IET Wiring Regulations 18th Edition)

CIRCUIT DETAILS														TEST RESULTS																
Circuit No. and Line No.	Distribution board Designation / Circuit designation	Type of wiring	Ref. method	No. of points	Circuit conductors csa (mm²) L / N	Circuit conductors csa (mm²) CPC	Maximum disconnection	Overcurrent protective devices BS EN Number	Overcurrent protective devices Type No.	Overcurrent protective devices Rating (A)	Breaking capacity (KA)	RCD operating (mA)	BS 7671 Max. permitted Zs Other 80% (Ω)	Circuit impedance Ω Ring final circuits only (measured end-to-end) r1	rn	r2	Fig 8 check (✓)	All circuits to be completed using R1R2 or R2, not both R1 + R2	R2	Insulation resistance (Record lower reading) Test voltage V	L/L, L/N M(Ω)	L/E, N/E M(Ω)	Polarity (✓)	Max. Measured Zs (Ω)	RCD testing Above 30mA IΔn ms	30mA or below 5 IΔn ms	Manual test button operation RCD (✓)	AFDD (✓)
14/L2	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
15/L2	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
16/L2	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
17/L2	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
18/L2	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Details of circuits and/or installed equipment vulnerable to damage when testing

Date(s) dead testing 02/08/2022 To 02/08/2022

Date(s) live testing 02/08/2022 To 02/08/2022

Tested by: Name (capital letters) LIAM KIMBLE Position Electrical Test Engineer Date 02/08/2022

Signature

Wiring Types. A PVC/PVC, B PVC cables in metallic Conduit, C PVC cables in non-metallic Conduit, D PVC cables in metallic trunking, E PVC cables in non-metallic trunking, F PVC/SWA cables, G SWA/XPLE cables, H Mineral Insulated, MW Metal Work, FM Ferrous Metal, O Other
A/A1 - Single Core PVC Cables (4D1A), A/A2 - Multicore PVC Cables (4D2A), F/F1 - Single-core armoures PVC SWA Cables (4D3A), F/F2 - PVC SWA Cables (4D4A), A/A3 - PVC Twin & Earth (4D5), O/O1 - LSF single core cables 90°C rated (4E1A), O/O2 - Multi-core LSF cables 90°C rated (4E2A), G/G1 - Single-core armoured XLPE cables or 90°C rated (4E3A), G/G2 - Multi-core armoured XLPE cables or 90°C rated (4E4A), H/H1 - MICC exposed to touch (4G1A)

ELECTRICAL INSTALLATION CONDITION REPORT - Schedule of Tests

for Industrial/Commercial Premises

FT/EICR 110151231

Requirements for Electrical Installations
BS 7671:2018 (IET Wiring Regulations 18th Edition)

Company Name	PHS Compliance	**Company Address**	Kid Glove Road	**Postcode**	WA3 3GR	**Branch No.**	**Scheme No.**
Client	UPP Residential Services Ltd	**Installation Address**	Swansea University Bay Campus - Dryslwyn 1B & Nest 2, Reception - Ground Floor Tower Information Centre, Fabian Way, Crymlyn Burrows, Swansea, West Glamorgan	**Postcode**	SA1 8EN		

Distribution board details - Complete in every case

Location: Room 4 Riser [Schneider]
Designation: DB CL18/10
Num. of ways: 4 Num. of phases: 1
Supply polarity confirmed: ☑ Phase sequence confirmed: ☐

Complete only if the distribution board is not connected directly to the origin of the installation

Supply to distribution board is from: Sub Mains(DB CL18, 10/L2)
Overcurrent protective device for the distribution circuit: BS(EN) 61009 RCD/RCBO Type B Rating 32 A Voltage 230 V

Characteristics at this distribution board

Associated RCD(if any): BS (EN) 61008
Z_d 0.39 Ω No. of poles 2
I_{pf} 0.57 kA IΔn 30
Time delay (if applicable) N/A
Above 30mA Operating at 1 IΔn 28.5 ms
30mA or below Operating at 5 IΔn 25.2 ms
(if applicable)

Test instrument serial number(s)

Loop impedance: 100701/4664
Insulation resistance: 100701/4664
Continuity: 100701/4664
RCD: 100701/4664

CIRCUIT DETAILS / TEST RESULTS

Circuit No. and Line No.	Distribution board Designation / Circuit designation	Type of wiring	Ref. method	No. of points	Circuit conductors csa (mm²) L / N	Circuit conductors csa (mm²) CPC	Maximum disconnection	Overcurrent protective devices BS EN Number	Type No.	Rating (A)	Breaking capacity (KA)	RCD operating (mA)	BS 7671 Max. permitted Zs Other 80% (Ω)	Circuit impedance Ω Ring final circuits only (measured end-to-end) r1	rn	r2	Fig 8 check (✓)	All circuits to be completed using R1R2 or R2, not both R1 + R2	R2	Insulation resistance (Record lower reading) Test voltage V	L/L, L/N M(Ω)	L/E, N/E M(Ω)	Polarity (✓)	Max. Measured Zs (Ω)	RCD testing Above 30mA IΔn ms	30mA or below 5 IΔn ms	Manual test button operation RCD (✓)	AFDD (✓)
1/L2	Sockets	A	B	6	2.5	1.5	0.4	60898 MCB	B	10	6	N/A	3.49	N/A	N/A	N/A	N/A	0.12	N/A	250	LIM	>299	✓	0.62	N/A	N/A	N/A	N/A
2/L2	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
3/L2	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
4/L2	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Details of circuits and/or installed equipment vulnerable to damage when testing

Date(s) dead testing: 26/07/2022 To 26/07/2022

Date(s) live testing: 26/07/2022 To 26/07/2022

Tested by: Name (capital letters): LIAM KIMBLE Position: Electrical Test Engineer Date: 26/07/2022

Signature:

Wiring Types. A PVC/PVC, B PVC cables in metallic Conduit, C PVC cables in non-metallic Conduit, D PVC cables in metallic trunking, E PVC cables in non-metallic trunking, F PVC/SWA cables, G SWA/XPLE cables, H Mineral Insulated, MW Metal Work, FM Ferrous Metal, O Other
A/A1 - Single Core PVC Cables (4D1A), A/A2 - Multicore PVC Cables (4D2A), F/F1 - Single-core armoures PVC SWA Cables (4D3A), F/F2 - PVC SWA Cables (4D4A), A/A3 - PVC Twin & Earth (4D5), O/O1 - LSF single core cables 90°C rated (4E1A), O/O2 - Multi-core LSF cables 90°C rated (4E2A), G/G1 - Single-core armoured XLPE cables or 90°C rated (4E3A), G/G2 - Multi-core armoured XLPE cables or 90°C rated (4E4A), H/H1 - MICC exposed to touch (4G1A)

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FT/EICR 110151231

Requirements for Electrical Installations
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Company Name	PHS Compliance	**Company Address**	Kid Glove Road	**Postcode**	WA3 3GR	**Branch No.**	**Scheme No.**
Client	UPP Residential Services Ltd	**Installation Address**	Swansea University Bay Campus - Dryslwyn 1B & Nest 2, Reception - Ground Floor Tower Information Centre, Fabian Way, Crymlyn Burrows, Swansea, West Glamorgan	**Postcode**	SA1 8EN		

Distribution board details - Complete in every case

Location: Room 5 Riser [Schneider]
Designation: DB CL18/10-1
Num. of ways: 4 Num. of phases: 1
Supply polarity confirmed: ☑ Phase sequence confirmed: ☐

Complete only if the distribution board is not connected directly to the origin of the installation

Supply to distribution board is from: Sub Mains(DB CL18, 10/L2)
Overcurrent protective device for the distribution circuit: BS(EN) 61009 RCD/RCBO Type B Rating 32 A Voltage 230 V

Characteristics at this distribution board

Associated RCD(if any): BS (EN) 61008
Z_d 0.39 Ω No. of poles 2
I_{pf} 0.57 kA IΔn 30
Time delay (if applicable) N/A
Operating at 1 IΔn: Above 30mA 28.5 ms
Operating at 5 IΔn: 30mA or below 25.2 ms
(if applicable)

Test instrument serial number(s)

Loop impedance: 100701/4664
Insulation resistance: 100701/4664
Continuity: 100701/4664
RCD: 100701/4664

CIRCUIT DETAILS / TEST RESULTS

Circuit No. and Line No.	Distribution board Designation / Circuit designation	Type of wiring	Ref. method	No. of points	Circuit conductors csa (mm²) L / N	Circuit conductors csa (mm²) CPC	Maximum disconnection	Overcurrent protective devices BS EN Number	Type No.	Rating (A)	Breaking capacity (KA)	RCD operating (mA)	BS 7671 Max. permitted Zs Other 80% (Ω)	Circuit impedance Ω Ring final circuits only (measured end-to-end) r1	rn	r2	Fig 8 check (✓)	All circuits to be completed using R1R2 or R2, not both R1 + R2	R2	Insulation resistance (Record lower reading) Test voltage V	L/L, L/N M(Ω)	L/E, N/E M(Ω)	Polarity (✓)	Max. Measured Zs (Ω)	RCD testing Above 30mA IΔn ms	30mA or below 5 IΔn ms	Manual test button operation RCD (✓)	AFDD (✓)
1/L2	Sockets	A	B	6	2.5	1.5	0.4	60898 MCB	B	10	6	N/A	3.49	N/A	N/A	N/A	N/A	0.19	N/A	250	LIM	>299	✓	0.66	N/A	N/A	N/A	N/A
2/L2	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
3/L2	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
4/L2	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Details of circuits and/or installed equipment vulnerable to damage when testing

Date(s) dead testing: 26/07/2022 To 26/07/2022

Date(s) live testing: 26/07/2022 To 26/07/2022

Tested by: Name (capital letters): LIAM KIMBLE Position: Electrical Test Engineer Date: 26/07/2022

Signature:

Wiring Types. A PVC/PVC, B PVC cables in metallic Conduit, C PVC cables in non-metallic Conduit, D PVC cables in metallic trunking, E PVC cables in non-metallic trunking, F PVC/SWA cables, G SWA/XPLE cables, H Mineral Insulated, MW Metal Work, FM Ferrous Metal, O Other
A/A1 - Single Core PVC Cables (4D1A), A/A2 - Multicore PVC Cables (4D2A), F/F1 - Single-core armoures PVC SWA Cables (4D3A), F/F2 - PVC SWA Cables (4D4A), A/A3 - PVC Twin & Earth (4D5), O/O1 - LSF single core cables 90°C rated (4E1A), O/O2 - Multi-core LSF cables 90°C rated (4E2A), G/G1 - Single-core armoured XLPE cables or 90°C rated (4E3A), G/G2 - Multi-core armoured XLPE cables or 90°C rated (4E4A), H/H1 - MICC exposed to touch (4G1A)

ELECTRICAL INSTALLATION CONDITION REPORT - Schedule of Tests

for Industrial/Commercial Premises

FT/EICR 110151231

Requirements for Electrical Installations
BS 7671:2018 (IET Wiring Regulations 18th Edition)

Company Name	PHS Compliance	**Company Address**	Kid Glove Road	**Postcode**	WA3 3GR	**Branch No.**	**Scheme No.**
Client	UPP Residential Services Ltd	**Installation Address**	Swansea University Bay Campus - Dryslwyn 1B & Nest 2, Reception - Ground Floor Tower Information Centre, Fabian Way, Crymlyn Burrows, Swansea, West Glamorgan	**Postcode**	SA1 8EN		

Distribution board details - Complete in every case

Location: Room 1 Riser [Schneider]
Designation: DB CL18/11
Num. of ways: 4 Num. of phases: 1
Supply polarity confirmed: ☑ Phase sequence confirmed: ☐

Complete only if the distribution board is not connected directly to the origin of the installation

Supply to distribution board is from: Sub Mains(DB CL18, 11/L2)
Overcurrent protective device for the distribution circuit: BS(EN) 61009 RCD/RCBO Type B Rating 32 A Voltage 230 V

Characteristics at this distribution board

Associated RCD(if any): BS (EN) 61008
Z_d 0.50 Ω No. of poles 2
I_{pf} 0.44 kA IΔn 30
Time delay (if applicable) N/A
Operating at 1 IΔn Above 30mA 28.8 ms
Operating at 5 IΔn 30mA or below 27.9 ms
(if applicable)

Test instrument serial number(s)

Loop impedance 100701/4664
Insulation resistance 100701/4664
Continuity 100701/4664
RCD 100701/4664

CIRCUIT DETAILS / TEST RESULTS

Circuit No. and Line No.	Distribution board Designation / Circuit designation	Type of wiring	Ref. method	No. of points	Circuit conductors csa (mm²) L / N	Circuit conductors csa (mm²) CPC	Maximum disconnection	Overcurrent protective devices BS EN Number	Type No.	Rating (A)	Breaking capacity (KA)	RCD operating (mA)	BS 7671 Max. permitted Zs Other 80% (Ω)	Circuit impedance Ω Ring final circuits only (measured end-to-end) r1	rn	r2	Fig 8 check (✓)	All circuits to be completed using R1R2 or R2, not both R1 + R2	R2	Insulation resistance (Record lower reading) Test voltage V	L/L, L/N M(Ω)	L/E, N/E M(Ω)	Polarity (✓)	Max. Measured Zs (Ω)	RCD testing Above 30mA IΔn ms	30mA or below 5 IΔn ms	Manual test button operation RCD (✓)	AFDD (✓)
1/L2	Sockets	A	B	6	2.5	1.5	0.4	60898 MCB	B	10	6	N/A	3.49	N/A	N/A	N/A	N/A	0.14	N/A	250	LIM	>299	✓	0.66	N/A	N/A	N/A	N/A
2/L2	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
3/L2	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
4/L2	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Details of circuits and/or installed equipment vulnerable to damage when testing

Date(s) dead testing 26/07/2022 To 26/07/2022

Date(s) live testing 26/07/2022 To 26/07/2022

Tested by: Name (capital letters) LIAM KIMBLE Position Electrical Test Engineer Date 26/07/2022

Signature

Wiring Types. A PVC/PVC, B PVC cables in metallic Conduit, C PVC cables in non-metallic Conduit, D PVC cables in metallic trunking, E PVC cables in non-metallic trunking, F PVC/SWA cables, G SWA/XPLE cables, H Mineral Insulated, MW Metal Work, FM Ferrous Metal, O Other
A/A1 - Single Core PVC Cables (4D1A), A/A2 - Multicore PVC Cables (4D2A), F/F1 - Single-core armoures PVC SWA Cables (4D3A), F/F2 - PVC SWA Cables (4D4A), A/A3 - PVC Twin & Earth (4D5), O/O1 - LSF single core cables 90°C rated (4E1A), O/O2 - Multi-core LSF cables 90°C rated (4E2A), G/G1 - Single-core armoured XLPE cables or 90°C rated (4E3A), G/G2 - Multi-core armoured XLPE cables or 90°C rated (4E4A), H/H1 - MICC exposed to touch (4G1A)

ELECTRICAL INSTALLATION CONDITION REPORT - Schedule of Tests

for Industrial/Commercial Premises

FT/EICR 110151231

Requirements for Electrical Installations
BS 7671:2018 (IET Wiring Regulations 18th Edition)

Company Name	PHS Compliance	**Company Address**	Kid Glove Road	**Postcode**	WA3 3GR	**Branch No.**	**Scheme No.**
Client	UPP Residential Services Ltd	**Installation Address**	Swansea University Bay Campus - Dryslwyn 1B & Nest 2, Reception - Ground Floor Tower Information Centre, Fabian Way, Crymlyn Burrows, Swansea, West Glamorgan	**Postcode**	SA1 8EN		

Distribution board details - Complete in every case

Location: Room 2 Riser [Schneider]
Designation: DB CL18/11-1
Num. of ways: 4 Num. of phases: 1
Supply polarity confirmed: ☑ Phase sequence confirmed: ☐

Complete only if the distribution board is not connected directly to the origin of the installation

Supply to distribution board is from: Sub Mains(DB CL18, 11/L2)
Overcurrent protective device for the distribution circuit: BS(EN) 61009 RCD/RCBO Type B Rating 32 A Voltage 230 V

Characteristics at this distribution board

Associated RCD(if any): BS (EN) 61008
Z_d 0.50 Ω No. of poles 2
I_{pf} 0.44 kA IΔn 30
Time delay (if applicable) N/A
Operating at 1 IΔn Above 30mA 28.8 ms
Operating at 5 IΔn 30mA or below 27.9 ms
(if applicable)

Test instrument serial number(s)

Loop impedance 100701/4664
Insulation resistance 100701/4664
Continuity 100701/4664
RCD 100701/4664

CIRCUIT DETAILS / TEST RESULTS

Circuit No. and Line No.	Distribution board Designation / Circuit designation	Type of wiring	Ref. method	No. of points	Circuit conductors csa (mm²) L / N	Circuit conductors csa (mm²) CPC	Maximum disconnection	Overcurrent protective devices BS EN Number	Type No.	Rating (A)	Breaking capacity (KA)	RCD operating (mA)	BS 7671 Max. permitted Zs Other 80% (Ω)	Circuit impedance Ω Ring final circuits only (measured end-to-end) r1	rn	r2	Fig 8 check (✓)	All circuits to be completed using R1R2 or R2, not both R1 + R2	R2	Insulation resistance (Record lower reading) Test voltage V	L/L, L/N M(Ω)	L/E, N/E M(Ω)	Polarity (✓)	Max. Measured Zs (Ω)	RCD testing Above 30mA IΔn ms	30mA or below 5 IΔn ms	Manual test button operation RCD (✓)	AFDD (✓)
1/L2	Sockets	A	B	6	2.5	1.5	0.4	60898 MCB	B	10	6	N/A	3.49	N/A	N/A	N/A	N/A	0.20	N/A	250	LIM	>299	✓	0.75	N/A	N/A	N/A	N/A
2/L2	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
3/L2	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
4/L2	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Details of circuits and/or installed equipment vulnerable to damage when testing

Date(s) dead testing 26/07/2022 To 26/07/2022

Date(s) live testing 26/07/2022 To 26/07/2022

Tested by: Name (capital letters) LIAM KIMBLE Position Electrical Test Engineer Date 26/07/2022

Signature

Wiring Types. A PVC/PVC, B PVC cables in metallic Conduit, C PVC cables in non-metallic Conduit, D PVC cables in metallic trunking, E PVC cables in non-metallic trunking, F PVC/SWA cables, G SWA/XPLE cables, H Mineral Insulated, MW Metal Work, FM Ferrous Metal, O Other
A/A1 - Single Core PVC Cables (4D1A), A/A2 - Multicore PVC Cables (4D2A), F/F1 - Single-core armoures PVC SWA Cables (4D3A), F/F2 - PVC SWA Cables (4D4A), A/A3 - PVC Twin & Earth (4D5), O/O1 - LSF single core cables 90°C rated (4E1A), O/O2 - Multi-core LSF cables 90°C rated (4E2A), G/G1 - Single-core armoured XLPE cables or 90°C rated (4E3A), G/G2 - Multi-core armoured XLPE cables or 90°C rated (4E4A), H/H1 - MICC exposed to touch (4G1A)

ELECTRICAL INSTALLATION CONDITION REPORT - Schedule of Tests

for Industrial/Commercial Premises

FT/EICR 110151231

Requirements for Electrical Installations
BS 7671:2018 (IET Wiring Regulations 18th Edition)

Company Name	PHS Compliance	**Company Address**	Kid Glove Road	**Postcode**	WA3 3GR	**Branch No.**	**Scheme No.**
Client	UPP Residential Services Ltd	**Installation Address**	Swansea University Bay Campus - Dryslwyn 1B & Nest 2, Reception - Ground Floor Tower Information Centre, Fabian Way, Crymlyn Burrows, Swansea, West Glamorgan	**Postcode**	SA1 8EN		

Distribution board details - Complete in every case

Location: Room 3 Riser [Schneider]
Designation: DB CL18/11-2
Num. of ways: 4 Num. of phases: 1
Supply polarity confirmed: ☑ Phase sequence confirmed: ☐

Complete only if the distribution board is not connected directly to the origin of the installation

Supply to distribution board is from: Sub Mains(DB CL18, 11/L2)
Overcurrent protective device for the distribution circuit: BS(EN) 61009 RCD/RCBO Type B Rating 32 A Voltage 230 V

Characteristics at this distribution board

Associated RCD(if any): BS (EN) 61008
Z_d 0.50 Ω No. of poles 2
I_{pf} 0.44 kA IΔn 30
Time delay (if applicable) N/A
Operating at 1 IΔn: Above 30mA 28.8 ms
Operating at 5 IΔn: 30mA or below 27.9 ms
(if applicable)

Test instrument serial number(s)

Loop impedance: 100701/4664
Insulation resistance: 100701/4664
Continuity: 100701/4664
RCD: 100701/4664

CIRCUIT DETAILS / TEST RESULTS

Circuit No. and Line No.	Distribution board Designation / Circuit designation	Type of wiring	Ref. method	No. of points	Circuit conductors csa (mm²) L / N	Circuit conductors csa (mm²) CPC	Maximum disconnection	Overcurrent protective devices BS EN Number	Type No.	Rating (A)	Breaking capacity (KA)	RCD operating (mA)	BS 7671 Max. permitted Zs Other 80% (Ω)	Circuit impedance Ω Ring final circuits only (measured end-to-end) r1	rn	r2	Fig 8 check (✓)	All circuits to be completed using R1R2 or R2, not both R1 + R2	R2	Insulation resistance (Record lower reading) Test voltage V	L/L, L/N M(Ω)	L/E, N/E M(Ω)	Polarity (✓)	Max. Measured Zs (Ω)	RCD testing Above 30mA IΔn ms	30mA or below 5 IΔn ms	Manual test button operation RCD (✓)	AFDD (✓)
1/L2	Sockets	A	B	6	2.5	1.5	0.4	60898 MCB	B	10	6	N/A	3.49	N/A	N/A	N/A	N/A	0.14	N/A	250	LIM	>299	✓	0.55	N/A	N/A	N/A	N/A
2/L2	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
3/L2	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
4/L2	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Details of circuits and/or installed equipment vulnerable to damage when testing

Date(s) dead testing: 26/07/2022 To: 26/07/2022

Date(s) live testing: 26/07/2022 To: 26/07/2022

Tested by: Name (capital letters): LIAM KIMBLE Position: Electrical Test Engineer Date: 26/07/2022

Signature

Wiring Types. A PVC/PVC, B PVC cables in metallic Conduit, C PVC cables in non-metallic Conduit, D PVC cables in metallic trunking, E PVC cables in non-metallic trunking, F PVC/SWA cables, G SWA/XPLE cables, H Mineral Insulated, MW Metal Work, FM Ferrous Metal, O Other
A/A1 - Single Core PVC Cables (4D1A), A/A2 - Multicore PVC Cables (4D2A), F/F1 - Single-core armoures PVC SWA Cables (4D3A), F/F2 - PVC SWA Cables (4D4A), A/A3 - PVC Twin & Earth (4D5), O/O1 - LSF single core cables 90°C rated (4E1A), O/O2 - Multi-core LSF cables 90°C rated (4E2A), G/G1 - Single-core armoured XLPE cables or 90°C rated (4E3A), G/G2 - Multi-core armoured XLPE cables or 90°C rated (4E4A), H/H1 - MICC exposed to touch (4G1A)

ELECTRICAL INSTALLATION CONDITION REPORT - Schedule of Tests

for Industrial/Commercial Premises

FT/EICR 110151231

Requirements for Electrical Installations
BS 7671:2018 (IET Wiring Regulations 18th Edition)

Company Name	PHS Compliance	**Company Address**	Kid Glove Road	**Postcode**	WA3 3GR	**Branch No.**	**Scheme No.**
Client	UPP Residential Services Ltd	**Installation Address**	Swansea University Bay Campus - Dryslwyn 1B & Nest 2, Reception - Ground Floor Tower Information Centre, Fabian Way, Crymlyn Burrows, Swansea, West Glamorgan	**Postcode**	SA1 8EN		

Distribution board details - Complete in every case

Location: Room 6 Riser [Schneider]
Designation: DB CL18/12
Num. of ways: 4 Num. of phases: 1
Supply polarity confirmed: ☑ Phase sequence confirmed: ☐

Complete only if the distribution board is not connected directly to the origin of the installation

Supply to distribution board is from: Sub Mains(DB CL18, 12/L2)
Overcurrent protective device for the distribution circuit: BS(EN) 61009 RCD/RCBO Type B Rating 32 A Voltage 230 V

Characteristics at this distribution board

Associated RCD(if any): BS (EN) 61008
Z_d 0.38 Ω No. of poles 2
I_{pf} 0.62 kA IΔn 30
Time delay (if applicable) N/A
Operating at 1 IΔn: Above 30mA 28.5 ms
Operating at 5 IΔn: 30mA or below 25,4 ms
(if applicable)

Test instrument serial number(s)

Loop impedance: 100701/4664
Insulation resistance: 100701/4664
Continuity: 100701/4664
RCD: 100701/4664

CIRCUIT DETAILS / TEST RESULTS

Circuit No. and Line No.	Distribution board Designation / Circuit designation	Type of wiring	Ref. method	No. of points	Circuit conductors csa (mm²) L / N	Circuit conductors csa (mm²) CPC	Maximum disconnection	Overcurrent protective devices BS EN Number	Type No.	Rating (A)	Breaking capacity (KA)	RCD operating (mA)	BS 7671 Max. permitted Zs Other 80% (Ω)	Circuit impedance Ω Ring final circuits only (measured end-to-end) r1	rn	r2	Fig 8 check (✓)	All circuits to be completed using R1R2 or R2, not both R1 + R2	R2	Insulation resistance (Record lower reading) Test voltage V	L/L, L/N M(Ω)	L/E, N/E M(Ω)	Polarity (✓)	Max. Measured Zs (Ω)	RCD testing Above 30mA IΔn ms	30mA or below 5 IΔn ms	Manual test button operation RCD (✓)	AFDD (✓)
1/L2	Sockets	A	B	6	2.5	1.5	0.4	60898 MCB	B	10	6	N/A	3.49	N/A	N/A	N/A	N/A	0.16	N/A	250	LIM	>299	✓	0.59	N/A	N/A	N/A	N/A
2/L2	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
3/L2	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
4/L2	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Details of circuits and/or installed equipment vulnerable to damage when testing

Date(s) dead testing: 26/07/2022 To 26/07/2022

Date(s) live testing: 26/07/2022 To 26/07/2022

Tested by: Name (capital letters): LIAM KIMBLE Position: Electrical Test Engineer Date: 26/07/2022

Signature

Wiring Types. A PVC/PVC, B PVC cables in metallic Conduit, C PVC cables in non-metallic Conduit, D PVC cables in metallic trunking, E PVC cables in non-metallic trunking, F PVC/SWA cables, G SWA/XPLE cables, H Mineral Insulated, MW Metal Work, FM Ferrous Metal, O Other
A/A1 - Single Core PVC Cables (4D1A), A/A2 - Multicore PVC Cables (4D2A), F/F1 - Single-core armoures PVC SWA Cables (4D3A), F/F2 - PVC SWA Cables (4D4A), A/A3 - PVC Twin & Earth (4D5), O/O1 - LSF single core cables 90°C rated (4E1A), O/O2 - Multi-core LSF cables 90°C rated (4E2A), G/G1 - Single-core armoured XLPE cables or 90°C rated (4E3A), G/G2 - Multi-core armoured XLPE cables or 90°C rated (4E4A), H/H1 - MICC exposed to touch (4G1A)

ELECTRICAL INSTALLATION CONDITION REPORT - Schedule of Tests

for Industrial/Commercial Premises

FT/EICR 110151231

Requirements for Electrical Installations
BS 7671:2018 (IET Wiring Regulations 18th Edition)

Company Name	PHS Compliance	**Company Address**	Kid Glove Road	**Postcode**	WA3 3GR	**Branch No.**	**Scheme No.**
Client	UPP Residential Services Ltd	**Installation Address**	Swansea University Bay Campus - Dryslwyn 1B & Nest 2, Reception - Ground Floor Tower Information Centre, Fabian Way, Crymlyn Burrows, Swansea, West Glamorgan	**Postcode**	SA1 8EN		

Distribution board details - Complete in every case

Location: Room 7 Riser [Schneider]
Designation: DB CL18/12-1
Num. of ways: 4 Num. of phases: 1
Supply polarity confirmed: ☑ Phase sequence confirmed: ☐

Complete only if the distribution board is not connected directly to the origin of the installation

Supply to distribution board is from: Sub Mains(DB CL18, 12/L2)
Overcurrent protective device for the distribution circuit: BS(EN) 61009 RCD/RCBO Type B Rating 32 A Voltage 230 V

Characteristics at this distribution board

Associated RCD(if any): BS (EN) 61008
Z_d 0.38 Ω No. of poles 2
I_{pf} 0.62 kA IΔn 30
Time delay (if applicable) N/A
Operating at 1 IΔn: Above 30mA 28.5 ms
Operating at 5 IΔn: 30mA or below 25,4 ms
(if applicable)

Test instrument serial number(s)

Loop impedance: 100701/4664
Insulation resistance: 100701/4664
Continuity: 100701/4664
RCD: 100701/4664

CIRCUIT DETAILS / TEST RESULTS

Circuit No. and Line No.	Distribution board Designation / Circuit designation	Type of wiring	Ref. method	No. of points	Circuit conductors csa (mm²) L / N	Circuit conductors csa (mm²) CPC	Maximum disconnection	Overcurrent protective devices BS EN Number	Type No.	Rating (A)	Breaking capacity (KA)	RCD operating (mA)	BS 7671 Max. permitted Zs Other 80% (Ω)	Circuit impedance Ω: Ring final circuits only (measured end-to-end) r1	rn	r2	Fig 8 check (✓)	All circuits to be completed using R1R2 or R2, not both: R1 + R2	R2	Insulation resistance (Record lower reading): Test voltage V	L/L, L/N M(Ω)	L/E, N/E M(Ω)	Polarity (✓)	Max. Measured Zs (Ω)	RCD testing: Above 30mA IΔn ms	30mA or below 5 IΔn ms	Manual test button operation: RCD (✓)	AFDD (✓)
1/L2	Sockets	A	B	6	2.5	1.5	0.4	60898 MCB	B	10	6	N/A	3.49	N/A	N/A	N/A	N/A	0.15	N/A	250	LIM	>299	✓	0.55	N/A	N/A	N/A	N/A
2/L2	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
3/L2	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
4/L2	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Details of circuits and/or installed equipment vulnerable to damage when testing

Date(s) dead testing: 26/07/2022 To: 26/07/2022

Date(s) live testing: 26/07/2022 To: 26/07/2022

Tested by: Name (capital letters): LIAM KIMBLE Position: Electrical Test Engineer Date: 26/07/2022

Signature

Wiring Types. A PVC/PVC, B PVC cables in metallic Conduit, C PVC cables in non-metallic Conduit, D PVC cables in metallic trunking, E PVC cables in non-metallic trunking, F PVC/SWA cables, G SWA/XPLE cables, H Mineral Insulated, MW Metal Work, FM Ferrous Metal, O Other
A/A1 - Single Core PVC Cables (4D1A), A/A2 - Multicore PVC Cables (4D2A), F/F1 - Single-core armoures PVC SWA Cables (4D3A), F/F2 - PVC SWA Cables (4D4A), A/A3 - PVC Twin & Earth (4D5), O/O1 - LSF single core cables 90°C rated (4E1A), O/O2 - Multi-core LSF cables 90°C rated (4E2A), G/G1 - Single-core armoured XLPE cables or 90°C rated (4E3A), G/G2 - Multi-core armoured XLPE cables or 90°C rated (4E4A), H/H1 - MICC exposed to touch (4G1A)

ELECTRICAL INSTALLATION CONDITION REPORT - Schedule of Tests

for Industrial/Commercial Premises

FT/EICR 110151231

Requirements for Electrical Installations
BS 7671:2018 (IET Wiring Regulations 18th Edition)

Company Name	PHS Compliance	**Company Address**	Kid Glove Road	**Postcode**	WA3 3GR	**Branch No.**	**Scheme No.**
Client	UPP Residential Services Ltd	**Installation Address**	Swansea University Bay Campus - Dryslwyn 1B & Nest 2, Reception - Ground Floor Tower Information Centre, Fabian Way, Crymlyn Burrows, Swansea, West Glamorgan	**Postcode**	SA1 8EN		

Distribution board details - Complete in every case

Location: Room 8 Riser [Schneider]
Designation: DB CL18/13
Num. of ways: 4 Num. of phases: 1
Supply polarity confirmed: ☑ Phase sequence confirmed: ☐

Complete only if the distribution board is not connected directly to the origin of the installation

Supply to distribution board is from: Sub Mains(DB CL18, 13/L2)
Overcurrent protective device for the distribution circuit: BS(EN) 61009 RCD/RCBO Type B Rating 32 A Voltage 230 V

Characteristics at this distribution board

Associated RCD(if any): BS (EN) 61008
Z_d 0.40 Ω No. of poles 2
I_{pf} 0.55 kA IΔn 30
Time delay (if applicable) N/A
Operating at 1 IΔn Above 30mA 28.8 ms
Operating at 5 IΔn 30mA or below 27.2 ms
(if applicable)

Test instrument serial number(s)

Loop impedance 100701/4664
Insulation resistance 100701/4664
Continuity 100701/4664
RCD 100701/4664

CIRCUIT DETAILS / TEST RESULTS

Circuit No. and Line No.	Distribution board Designation / Circuit designation	Type of wiring	Ref. method	No. of points	Circuit conductors csa (mm²) L / N	Circuit conductors csa (mm²) CPC	Maximum disconnection	Overcurrent protective devices BS EN Number	Type No.	Rating (A)	Breaking capacity (KA)	RCD operating (mA)	BS 7671 Max. permitted Zs Other 80% (Ω)	Circuit impedance Ω Ring final circuits only (measured end-to-end) r1	rn	r2	Fig 8 check (✓)	All circuits to be completed using R1R2 or R2, not both R1 + R2	R2	Insulation resistance (Record lower reading) Test voltage V	L/L, L/N M(Ω)	L/E, N/E M(Ω)	Polarity (✓)	Max. Measured Zs (Ω)	RCD testing Above 30mA IΔn ms	30mA or below 5 IΔn ms	Manual test button operation RCD (✓)	AFDD (✓)
1/L2	Sockets	A	B	6	2.5	1.5	0.4	60898 MCB	B	10	6	N/A	3.49	N/A	N/A	N/A	N/A	0.12	N/A	250	LIM	>299	✓	0.59	N/A	N/A	N/A	N/A
2/L2	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
3/L2	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
4/L2	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Details of circuits and/or installed equipment vulnerable to damage when testing

Date(s) dead testing 26/07/2022 To 26/07/2022

Date(s) live testing 26/07/2022 To 26/07/2022

Tested by: Name (capital letters) LIAM KIMBLE Position Electrical Test Engineer Date 26/07/2022

Signature

Wiring Types. A PVC/PVC, B PVC cables in metallic Conduit, C PVC cables in non-metallic Conduit, D PVC cables in metallic trunking, E PVC cables in non-metallic trunking, F PVC/SWA cables, G SWA/XPLE cables, H Mineral Insulated, MW Metal Work, FM Ferrous Metal, O Other
A/A1 - Single Core PVC Cables (4D1A), A/A2 - Multicore PVC Cables (4D2A), F/F1 - Single-core armoures PVC SWA Cables (4D3A), F/F2 - PVC SWA Cables (4D4A), A/A3 - PVC Twin & Earth (4D5), O/O1 - LSF single core cables 90°C rated (4E1A), O/O2 - Multi-core LSF cables 90°C rated (4E2A), G/G1 - Single-core armoured XLPE cables or 90°C rated (4E3A), G/G2 - Multi-core armoured XLPE cables or 90°C rated (4E4A), H/H1 - MICC exposed to touch (4G1A)

ELECTRICAL INSTALLATION CONDITION REPORT - Schedule of Tests

for Industrial/Commercial Premises

FT/EICR 110151231

Requirements for Electrical Installations
BS 7671:2018 (IET Wiring Regulations 18th Edition)

Company Name	PHS Compliance	**Company Address**	Kid Glove Road	**Postcode**	WA3 3GR	**Branch No.**	**Scheme No.**
Client	UPP Residential Services Ltd	**Installation Address**	Swansea University Bay Campus - Dryslwyn 1B & Nest 2, Reception - Ground Floor Tower Information Centre, Fabian Way, Crymlyn Burrows, Swansea, West Glamorgan	**Postcode**	SA1 8EN		

Distribution board details - Complete in every case

Location: Room 9 Riser [Schneider]
Designation: DB CL18/13-1
Num. of ways: 4 Num. of phases: 1
Supply polarity confirmed: ☑ Phase sequence confirmed: ☐

Complete only if the distribution board is not connected directly to the origin of the installation

Supply to distribution board is from: Sub Mains(DB CL18, 13/L2)
Overcurrent protective device for the distribution circuit: BS(EN) 61009 RCD/RCBO Type B Rating 32 A Voltage 230 V

Characteristics at this distribution board

Associated RCD(if any): BS (EN) 61008
Z_d 0.40 Ω No. of poles 2
I_{pf} 0.55 kA IΔn 30
Time delay (if applicable) N/A
Operating at 1 IΔn: Above 30mA 28.8 ms
Operating at 5 IΔn: 30mA or below 27.2 ms
(if applicable)

Test instrument serial number(s)

Loop impedance: 100701/4664
Insulation resistance: 100701/4664
Continuity: 100701/4664
RCD: 100701/4664

CIRCUIT DETAILS / TEST RESULTS

Circuit No. and Line No.	Distribution board Designation / Circuit designation	Type of wiring	Ref. method	No. of points	Circuit conductors csa (mm²) L / N	Circuit conductors csa (mm²) CPC	Maximum disconnection	Overcurrent protective devices BS EN Number	Type No.	Rating (A)	Breaking capacity (KA)	RCD operating (mA)	BS 7671 Max. permitted Zs Other 80% (Ω)	Circuit impedance Ω Ring final circuits only (measured end-to-end) r1	rn	r2	Fig 8 check (✓)	All circuits to be completed using R1R2 or R2, not both R1 + R2	R2	Insulation resistance (Record lower reading) Test voltage V	L/L, L/N M(Ω)	L/E, N/E M(Ω)	Polarity (✓)	Max. Measured Zs (Ω)	RCD testing Above 30mA IΔn ms	30mA or below 5 IΔn ms	Manual test button operation RCD (✓)	AFDD (✓)
1/L2	Sockets	A	B	6	2.5	1.5	0.4	60898 MCB	B	10	6	N/A	3.49	N/A	N/A	N/A	N/A	0.22	N/A	250	LIM	>299	✓	0.67	N/A	N/A	N/A	N/A
2/L2	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
3/L2	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
4/L2	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Details of circuits and/or installed equipment vulnerable to damage when testing

Date(s) dead testing: 26/07/2022 To: 26/07/2022

Date(s) live testing: 26/07/2022 To: 26/07/2022

Tested by: Name (capital letters): LIAM KIMBLE Position: Electrical Test Engineer Date: 26/07/2022

Signature

Wiring Types. A PVC/PVC, B PVC cables in metallic Conduit, C PVC cables in non-metallic Conduit, D PVC cables in metallic trunking, E PVC cables in non-metallic trunking, F PVC/SWA cables, G SWA/XPLE cables, H Mineral Insulated, MW Metal Work, FM Ferrous Metal, O Other
A/A1 - Single Core PVC Cables (4D1A), A/A2 - Multicore PVC Cables (4D2A), F/F1 - Single-core armoures PVC SWA Cables (4D3A), F/F2 - PVC SWA Cables (4D4A), A/A3 - PVC Twin & Earth (4D5), O/O1 - LSF single core cables 90°C rated (4E1A), O/O2 - Multi-core LSF cables 90°C rated (4E2A), G/G1 - Single-core armoured XLPE cables or 90°C rated (4E3A), G/G2 - Multi-core armoured XLPE cables or 90°C rated (4E4A), H/H1 - MICC exposed to touch (4G1A)

ELECTRICAL INSTALLATION CONDITION REPORT - Schedule of Tests

for Industrial/Commercial Premises

FT/EICR 110151231

Requirements for Electrical Installations
BS 7671:2018 (IET Wiring Regulations 18th Edition)

Company Name	PHS Compliance	**Company Address**	Kid Glove Road	**Postcode**	WA3 3GR	**Branch No.**	**Scheme No.**
Client	UPP Residential Services Ltd	**Installation Address**	Swansea University Bay Campus - Dryslwyn 1B & Nest 2, Reception - Ground Floor Tower Information Centre, Fabian Way, Crymlyn Burrows, Swansea, West Glamorgan	**Postcode**	SA1 8EN		

Distribution board details - Complete in every case

Location: 4th Floor Kitchen [Schneider]
Designation: DB CL19
Num. of ways: 18 Num. of phases: 1
Supply polarity confirmed: ☑ Phase sequence confirmed: ☐

Complete only if the distribution board is not connected directly to the origin of the installation

Supply to distribution board is from: Sub Mains(BB Nest, 10/L3)
Overcurrent protective device for the distribution circuit: BS(EN) 88-2 HRC Type gG Rating 63 A Voltage 230 V

Characteristics at this distribution board

Associated RCD(if any): BS (EN) N/A
Z_d 0.14 Ω No. of poles N/A
I_{pf} 1.6 kA IΔn N/A
Time delay (if applicable) N/A
Operating at 1 IΔn: Above 30mA N/A ms
Operating at 5 IΔn: 30mA or below N/A ms
(if applicable)

Test instrument serial number(s)

Loop impedance 100701/4664
Insulation resistance 100701/4664
Continuity 100701/4664
RCD 100701/4664

CIRCUIT DETAILS / TEST RESULTS

Circuit No. and Line No.	Distribution board Designation / Circuit designation	Type of wiring	Ref. method	No. of points	Circuit conductors csa (mm²) L / N	Circuit conductors csa (mm²) CPC	Maximum disconnection	Overcurrent protective devices BS EN Number	Type No.	Rating (A)	Breaking capacity (KA)	RCD operating (mA)	BS 7671 Max. permitted Zs Other 80% (Ω)	Circuit impedance Ω: Ring final circuits only (measured end-to-end) r1	rn	r2	Fig 8 check (✓)	All circuits to be completed using R1R2 or R2, not both: R1 + R2	R2	Insulation resistance (Record lower reading): Test voltage V	L/L, L/N M(Ω)	L/E, N/E M(Ω)	Polarity (✓)	Max. Measured Zs (Ω)	RCD testing: Above 30mA IΔn ms	30mA or below 5 IΔn ms	Manual test button operation: RCD (✓)	AFDD (✓)
1/L3	Lighting Bedrooms 7,8	A	B	10	1.5	1	0.4	61009 RCD/RCBO	C	10	10	30	1.75	N/A	N/A	N/A	N/A	0.26	N/A	250	LIM	>299	✓	0.38	24.4	21.3	✓	N/A
2/L3	Lighting Bedrooms 5,6	A	B	10	1.5	1	0.4	61009 RCD/RCBO	C	10	10	30	1.75	N/A	N/A	N/A	N/A	0.30	N/A	250	LIM	>299	✓	0.44	27.4	27.2	✓	N/A
3/L3	Lighting Bedrooms 1,2	A	B	10	1.5	1	0.4	61009 RCD/RCBO	C	10	10	30	1.75	N/A	N/A	N/A	N/A	0.31	N/A	250	LIM	>299	✓	0.52	26.2	22.6	✓	N/A
4/L3	Lighting Bedrooms 3,4	A	B	10	1.5	1	0.4	61009 RCD/RCBO	C	10	10	30	1.75	N/A	N/A	N/A	N/A	0.34	N/A	250	LIM	>299	✓	0.46	25.4	21.4	✓	N/A
5/L3	Common Room Lighting	A	B	6	1.5	1	0.4	61009 RCD/RCBO	C	10	10	30	1.75	N/A	N/A	N/A	N/A	0.20	N/A	250	LIM	>299	✓	0.40	18.6	18.0	✓	N/A
6/L3	Common Room Ring 1	A	B	10	2x2.5	2x1.5	0.4	61009 RCD/RCBO	B	32	10	30	1.09	0.34	0.32	0.42	✓	0.19	N/A	250	LIM	>299	✓	0.32	28.0	25.4	✓	N/A
7/L3	Common Room Ring 2	A	B	6	2x2.5	2x1.5	0.4	61009 RCD/RCBO	B	32	10	30	1.09	0.30	0.30	0.38	✓	0.17	N/A	250	LIM	>299	✓	0.30	28.8	24.0	✓	N/A
8/L3	Isolated	A	B	LIM	10	4	0.4	61009 RCD/RCBO	B	32	10	30	1.09	N/A	N/A	N/A	N/A	LIM	N/A	250	LIM	>299	LIM	LIM	LIM	LIM	LIM	N/A
9/L3	Isolated	A	B	LIM	10	4	0.4	61009 RCD/RCBO	B	32	10	30	1.09	N/A	N/A	N/A	N/A	LIM	N/A	250	LIM	>299	LIM	LIM	LIM	LIM	LIM	N/A
10/L3	Sub Mains(DB CL19/10-1, DB CL19/10)	A	B	2	2x2.5	2x1.5	5	61009 RCD/RCBO	B	32	10	30	1.09	0.20	0.20	0.28	✓	0.12	N/A	250	LIM	>299	✓	0.28	28.2	29.0	✓	N/A
11/L3	Sub Mains(DB CL19/11-1, DB CL19/11)	A	B	2	2x2.5	2x1.5	5	61009 RCD/RCBO	B	32	10	30	1.09	0.32	0.32	0.48	✓	0.20	N/A	250	LIM	>299	✓	0.33	28.8	27.7	✓	N/A
12/L3	Sub Mains(DB CL19/12, DB CL19/12-2)	A	B	2	2x2.5	2x1.5	5	61009 RCD/RCBO	B	32	10	30	1.09	0.27	0.27	0.44	✓	0.18	N/A	250	LIM	>299	✓	0.25	26.4	27.2	✓	N/A
13/L3	Sub Mains(DB CL19/13-1, DB CL19/13)	A	B	2	2x2.5	2x1.5	5	61009 RCD/RCBO	B	32	10	30	1.09	0.42	0.42	0.55	✓	0.24	N/A	250	LIM	>299	✓	0.40	28.8	27.0	✓	N/A

Details of circuits and/or installed equipment vulnerable to damage when testing

Date(s) dead testing: 15/08/2022 To 15/08/2022

Date(s) live testing: 15/08/2022 To 15/08/2022

Signature

Tested by: Name (capital letters): LIAM KIMBLE Position: Electrical Test Engineer Date: 15/08/2022

Wiring Types. A PVC/PVC, B PVC cables in metallic Conduit, C PVC cables in non-metallic Conduit, D PVC cables in metallic trunking, E PVC cables in non-metallic trunking, F PVC/SWA cables, G SWA/XPLE cables, H Mineral Insulated, MW Metal Work, FM Ferrous Metal, O Other
A/A1 - Single Core PVC Cables (4D1A), A/A2 - Multicore PVC Cables (4D2A), F/F1 - Single-core armoures PVC SWA Cables (4D3A), F/F2 - PVC SWA Cables (4D4A), A/A3 - PVC Twin & Earth (4D5), O/O1 - LSF single core cables 90°C rated (4E1A), O/O2 - Multi-core LSF cables 90°C rated (4E2A), G/G1 - Single-core armoured XLPE cables or 90°C rated (4E3A), G/G2 - Multi-core armoured XLPE cables or 90°C rated (4E4A), H/H1 - MICC exposed to touch (4G1A)

ELECTRICAL INSTALLATION CONDITION REPORT - Schedule of Tests

FT/EICR 110151231

for Industrial/Commercial Premises

Requirements for Electrical Installations
BS 7671:2018 (IET Wiring Regulations 18th Edition)

CIRCUIT DETAILS														TEST RESULTS																
Circuit No. and Line No.	Distribution board Designation / Circuit designation	Type of wiring	Ref. method	No. of points	Circuit conductors csa (mm²) L / N	Circuit conductors csa (mm²) CPC	Maximum disconnection	Overcurrent protective devices BS EN Number	Overcurrent protective devices Type No.	Overcurrent protective devices Rating (A)	Breaking capacity (KA)	RCD operating (mA)	BS 7671 Max. permitted Zs Other 80% (Ω)	Circuit impedance Ω Ring final circuits only (measured end-to-end) r1	rn	r2	Fig 8 check (✓)	All circuits to be completed using R1R2 or R2, not both R1 + R2	R2	Insulation resistance (Record lower reading) Test voltage V	L/L, L/N M(Ω)	L/E, N/E M(Ω)	Polarity (✓)	Max. Measured Zs (Ω)	RCD testing Above 30mA IΔn ms	30mA or below 5 IΔn ms	Manual test button operation RCD (✓)	AFDD (✓)
14/L3	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
15/L3	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
16/L3	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
17/L3	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
18/L3	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Details of circuits and/or installed equipment vulnerable to damage when testing

Date(s) dead testing 15/08/2022 To 15/08/2022

Date(s) live testing 15/08/2022 To 15/08/2022

Tested by: Name (capital letters) LIAM KIMBLE

Position Electrical Test Engineer

Date 15/08/2022

Signature

Wiring Types. A PVC/PVC, B PVC cables in metallic Conduit, C PVC cables in non-metallic Conduit, D PVC cables in metallic trunking, E PVC cables in non-metallic trunking, F PVC/SWA cables, G SWA/XPLE cables, H Mineral Insulated, MW Metal Work, FM Ferrous Metal, O Other
A/A1 - Single Core PVC Cables (4D1A), A/A2 - Multicore PVC Cables (4D2A), F/F1 - Single-core armoures PVC SWA Cables (4D3A), F/F2 - PVC SWA Cables (4D4A), A/A3 - PVC Twin & Earth (4D5), O/O1 - LSF single core cables 90°C rated (4E1A), O/O2 - Multi-core LSF cables 90°C rated (4E2A), G/G1 - Single-core armoured XLPE cables or 90°C rated (4E3A), G/G2 - Multi-core armoured XLPE cables or 90°C rated (4E4A), H/H1 - MICC exposed to touch (4G1A)

ELECTRICAL INSTALLATION CONDITION REPORT - Schedule of Tests

for Industrial/Commercial Premises

FT/EICR 110151231

Requirements for Electrical Installations
BS 7671:2018 (IET Wiring Regulations 18th Edition)

Company Name	PHS Compliance	**Company Address**	Kid Glove Road	**Postcode**	WA3 3GR	**Branch No.**	**Scheme No.**
Client	UPP Residential Services Ltd	**Installation Address**	Swansea University Bay Campus - Dryslwyn 1B & Nest 2, Reception - Ground Floor Tower Information Centre, Fabian Way, Crymlyn Burrows, Swansea, West Glamorgan	**Postcode**	SA1 8EN		

Distribution board details - Complete in every case

Location: Room 7 Riser [Schneider]
Designation: DB CL19/10
Num. of ways: 4 Num. of phases: 1
Supply polarity confirmed: ☑ Phase sequence confirmed: ☐

Complete only if the distribution board is not connected directly to the origin of the installation

Supply to distribution board is from: Sub Mains(DB CL19, 10/L3)
Overcurrent protective device for the distribution circuit: BS(EN) 61009 RCD/RCBO Type B Rating 32 A Voltage 230 V

Characteristics at this distribution board

Associated RCD(if any): BS (EN) 61008
Z_d 0.28 Ω No. of poles 2
I_{pf} 0.94 kA IΔn 30
Time delay (if applicable) N/A
Operating at 1 IΔn: Above 30mA 28.2 ms
Operating at 5 IΔn: 30mA or below 29.0 ms
(if applicable)

Test instrument serial number(s)

Loop impedance: 100701/4664
Insulation resistance: 100701/4664
Continuity: 100701/4664
RCD: 100701/4664

CIRCUIT DETAILS / TEST RESULTS

Circuit No. and Line No.	Distribution board Designation / Circuit designation	Type of wiring	Ref. method	No. of points	Circuit conductors csa (mm²) L / N	Circuit conductors csa (mm²) CPC	Maximum disconnection	Overcurrent protective devices BS EN Number	Type No.	Rating (A)	Breaking capacity (KA)	RCD operating (mA)	BS 7671 Max. permitted Zs Other 80% (Ω)	Circuit impedance Ω Ring final circuits only (measured end-to-end) r1	rn	r2	Fig 8 check (✓)	All circuits to be completed using R1R2 or R2, not both R1 + R2	R2	Insulation resistance (Record lower reading) Test voltage V	L/L, L/N M(Ω)	L/E, N/E M(Ω)	Polarity (✓)	Max. Measured Zs (Ω)	RCD testing Above 30mA IΔn ms	30mA or below 5 IΔn ms	Manual test button operation RCD (✓)	AFDD (✓)
1/L3	Sockets	A	B	6	2.5	1.5	0.4	60898 MCB	B	10	6	N/A	3.49	N/A	N/A	N/A	N/A	0.12	N/A	250	LIM	>299	✓	0.48	N/A	N/A	N/A	N/A
2/L3	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
3/L3	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
4/L3	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Details of circuits and/or installed equipment vulnerable to damage when testing

Date(s) dead testing: 26/07/2022 To 26/07/2022

Date(s) live testing: 26/07/2022 To 26/07/2022

Tested by: Name (capital letters): LIAM KIMBLE Position: Electrical Test Engineer Date: 26/07/2022

Signature:

Wiring Types. A PVC/PVC, B PVC cables in metallic Conduit, C PVC cables in non-metallic Conduit, D PVC cables in metallic trunking, E PVC cables in non-metallic trunking, F PVC/SWA cables, G SWA/XPLE cables, H Mineral Insulated, MW Metal Work, FM Ferrous Metal, O Other
A/A1 - Single Core PVC Cables (4D1A), A/A2 - Multicore PVC Cables (4D2A), F/F1 - Single-core armoures PVC SWA Cables (4D3A), F/F2 - PVC SWA Cables (4D4A), A/A3 - PVC Twin & Earth (4D5), O/O1 - LSF single core cables 90°C rated (4E1A), O/O2 - Multi-core LSF cables 90°C rated (4E2A), G/G1 - Single-core armoured XLPE cables or 90°C rated (4E3A), G/G2 - Multi-core armoured XLPE cables or 90°C rated (4E4A), H/H1 - MICC exposed to touch (4G1A)

ELECTRICAL INSTALLATION CONDITION REPORT - Schedule of Tests

for Industrial/Commercial Premises

FT/EICR 110151231

Requirements for Electrical Installations
BS 7671:2018 (IET Wiring Regulations 18th Edition)

Company Name	PHS Compliance	**Company Address**	Kid Glove Road	**Postcode**	WA3 3GR	**Branch No.**	**Scheme No.**
Client	UPP Residential Services Ltd	**Installation Address**	Swansea University Bay Campus - Dryslwyn 1B & Nest 2, Reception - Ground Floor Tower Information Centre, Fabian Way, Crymlyn Burrows, Swansea, West Glamorgan	**Postcode**	SA1 8EN		

Distribution board details - Complete in every case

Location: Room 8 Riser [Schneider]
Designation: DB CL19/10-1
Num. of ways: 4 Num. of phases: 1
Supply polarity confirmed: ☑ Phase sequence confirmed: ☐

Complete only if the distribution board is not connected directly to the origin of the installation

Supply to distribution board is from: Sub Mains(DB CL19, 10/L3)
Overcurrent protective device for the distribution circuit: BS(EN) 61009 RCD/RCBO Type B Rating 32 A Voltage 230 V

Characteristics at this distribution board

Associated RCD(if any): BS (EN) 61008
Z_d 0.28 Ω No. of poles 2
I_{pf} 0.94 kA IΔn 30
Time delay (if applicable) N/A
Above 30mA Operating at 1 IΔn 28.2 ms
30mA or below Operating at 5 IΔn 29.0 ms
(if applicable)

Test instrument serial number(s)

Loop impedance: 100701/4664
Insulation resistance: 100701/4664
Continuity: 100701/4664
RCD: 100701/4664

CIRCUIT DETAILS / TEST RESULTS

Circuit No. and Line No.	Distribution board Designation / Circuit designation	Type of wiring	Ref. method	No. of points	Circuit conductors csa (mm²) L / N	Circuit conductors csa (mm²) CPC	Maximum disconnection	Overcurrent protective devices BS EN Number	Type No.	Rating (A)	Breaking capacity (KA)	RCD operating (mA)	BS 7671 Max. permitted Zs Other 80% (Ω)	Circuit impedance Ω Ring final circuits only (measured end-to-end) r1	rn	r2	Fig 8 check (✓)	All circuits to be completed using R1R2 or R2, not both R1 + R2	R2	Insulation resistance (Record lower reading) Test voltage V	L/L, L/N M(Ω)	L/E, N/E M(Ω)	Polarity (✓)	Max. Measured Zs (Ω)	RCD testing Above 30mA IΔn ms	30mA or below 5 IΔn ms	Manual test button operation RCD (✓)	AFDD (✓)
1/L3	Sockets	A	B	6	2.5	1.5	0.4	60898 MCB	B	10	6	N/A	3.49	N/A	N/A	N/A	N/A	0.10	N/A	250	LIM	>299	✓	0.44	N/A	N/A	N/A	N/A
2/L3	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
3/L3	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
4/L3	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Details of circuits and/or installed equipment vulnerable to damage when testing

Date(s) dead testing: 26/07/2022 To: 26/07/2022

Date(s) live testing: 26/07/2022 To: 26/07/2022

Tested by: Name (capital letters): LIAM KIMBLE Position: Electrical Test Engineer Date: 26/07/2022

Signature

Wiring Types. A PVC/PVC, B PVC cables in metallic Conduit, C PVC cables in non-metallic Conduit, D PVC cables in metallic trunking, E PVC cables in non-metallic trunking, F PVC/SWA cables, G SWA/XPLE cables, H Mineral Insulated, MW Metal Work, FM Ferrous Metal, O Other
A/A1 - Single Core PVC Cables (4D1A), A/A2 - Multicore PVC Cables (4D2A), F/F1 - Single-core armoures PVC SWA Cables (4D3A), F/F2 - PVC SWA Cables (4D4A), A/A3 - PVC Twin & Earth (4D5), O/O1 - LSF single core cables 90°C rated (4E1A), O/O2 - Multi-core LSF cables 90°C rated (4E2A), G/G1 - Single-core armoured XLPE cables or 90°C rated (4E3A), G/G2 - Multi-core armoured XLPE cables or 90°C rated (4E4A), H/H1 - MICC exposed to touch (4G1A)

ELECTRICAL INSTALLATION CONDITION REPORT - Schedule of Tests

for Industrial/Commercial Premises

FT/EICR 110151231

Requirements for Electrical Installations
BS 7671:2018 (IET Wiring Regulations 18th Edition)

Company Name	PHS Compliance	**Company Address**	Kid Glove Road	**Postcode**	WA3 3GR	**Branch No.**	**Scheme No.**
Client	UPP Residential Services Ltd	**Installation Address**	Swansea University Bay Campus - Dryslwyn 1B & Nest 2, Reception - Ground Floor Tower Information Centre, Fabian Way, Crymlyn Burrows, Swansea, West Glamorgan	**Postcode**	SA1 8EN		

Distribution board details - Complete in every case

Location: Room 1 Riser [Schneider]
Designation: DB CL19/11
Num. of ways: 4 Num. of phases: 1
Supply polarity confirmed: ☑ Phase sequence confirmed: ☐

Complete only if the distribution board is not connected directly to the origin of the installation

Supply to distribution board is from: Sub Mains(DB CL19, 11/L3)
Overcurrent protective device for the distribution circuit: BS(EN) 61009 RCD/RCBO Type B Rating 32 A Voltage 230 V

Characteristics at this distribution board

Associated RCD(if any): BS (EN) 61008
Z_d 0.33 Ω No. of poles 2
I_{pf} 0.72 kA IΔn 30
Time delay (if applicable) N/A
Operating at 1 IΔn Above 30mA 28.8 ms
Operating at 5 IΔn 30mA or below 27.7 ms
(if applicable)

Test instrument serial number(s)

Loop impedance 100701/4664
Insulation resistance 100701/4664
Continuity 100701/4664
RCD 100701/4664

CIRCUIT DETAILS / TEST RESULTS

Circuit No. and Line No.	Distribution board Designation / Circuit designation	Type of wiring	Ref. method	No. of points	Circuit conductors csa (mm²) L / N	Circuit conductors csa (mm²) CPC	Maximum disconnection	Overcurrent protective devices BS EN Number	Type No.	Rating (A)	Breaking capacity (KA)	RCD operating (mA)	BS 7671 Max. permitted Zs Other 80% (Ω)	Circuit impedance Ω Ring final circuits only (measured end-to-end) r1	rn	r2	Fig 8 check (✓)	All circuits to be completed using R1R2 or R2, not both R1 + R2	R2	Insulation resistance (Record lower reading) Test voltage V	L/L, L/N M(Ω)	L/E, N/E M(Ω)	Polarity (✓)	Max. Measured Zs (Ω)	RCD testing Above 30mA IΔn ms	30mA or below 5 IΔn ms	Manual test button operation RCD (✓)	AFDD (✓)
1/L3	Sockets	A	B	6	2.5	1.5	0.4	60898 MCB	B	10	6	N/A	3.49	N/A	N/A	N/A	N/A	0.14	N/A	250	LIM	>299	✓	0.52	N/A	N/A	N/A	N/A
2/L3	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
3/L3	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
4/L3	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Details of circuits and/or installed equipment vulnerable to damage when testing

Date(s) dead testing 26/07/2022 To 26/07/2022

Date(s) live testing 26/07/2022 To 26/07/2022

Tested by: Name (capital letters) LIAM KIMBLE Position Electrical Test Engineer Date 26/07/2022

Signature

Wiring Types. A PVC/PVC, B PVC cables in metallic Conduit, C PVC cables in non-metallic Conduit, D PVC cables in metallic trunking, E PVC cables in non-metallic trunking, F PVC/SWA cables, G SWA/XPLE cables, H Mineral Insulated, MW Metal Work, FM Ferrous Metal, O Other
A/A1 - Single Core PVC Cables (4D1A), A/A2 - Multicore PVC Cables (4D2A), F/F1 - Single-core armoures PVC SWA Cables (4D3A), F/F2 - PVC SWA Cables (4D4A), A/A3 - PVC Twin & Earth (4D5), O/O1 - LSF single core cables 90°C rated (4E1A), O/O2 - Multi-core LSF cables 90°C rated (4E2A), G/G1 - Single-core armoured XLPE cables or 90°C rated (4E3A), G/G2 - Multi-core armoured XLPE cables or 90°C rated (4E4A), H/H1 - MICC exposed to touch (4G1A)

ELECTRICAL INSTALLATION CONDITION REPORT - Schedule of Tests

for Industrial/Commercial Premises

FT/EICR 110151231

Requirements for Electrical Installations
BS 7671:2018 (IET Wiring Regulations 18th Edition)

Company Name	PHS Compliance	**Company Address**	Kid Glove Road	**Postcode**	WA3 3GR	**Branch No.**	**Scheme No.**
Client	UPP Residential Services Ltd	**Installation Address**	Swansea University Bay Campus - Dryslwyn 1B & Nest 2, Reception - Ground Floor Tower Information Centre, Fabian Way, Crymlyn Burrows, Swansea, West Glamorgan	**Postcode**	SA1 8EN		

Distribution board details - Complete in every case

Location: Room 2 Riser [Schneider]
Designation: DB CL19/11-1
Num. of ways: 4 Num. of phases: 1
Supply polarity confirmed: ☑ Phase sequence confirmed: ☐

Complete only if the distribution board is not connected directly to the origin of the installation

Supply to distribution board is from: Sub Mains(DB CL19, 11/L3)
Overcurrent protective device for the distribution circuit: BS(EN) 61009 RCD/RCBO Type B Rating 32 A Voltage 230 V

Characteristics at this distribution board

Associated RCD(if any): BS (EN) 61008
Z_d 0.33 Ω No. of poles 2
I_{pf} 0.72 kA IΔn 30
Time delay (if applicable) N/A
Above 30mA Operating at 1 IΔn 28.8 ms
30mA or below Operating at 5 IΔn 27.7 ms
(if applicable)

Test instrument serial number(s)

Loop impedance 100701/4664
Insulation resistance 100701/4664
Continuity 100701/4664
RCD 100701/4664

CIRCUIT DETAILS / TEST RESULTS

Circuit No. and Line No.	Distribution board Designation / Circuit designation	Type of wiring	Ref. method	No. of points	Circuit conductors csa (mm²) L / N	Circuit conductors csa (mm²) CPC	Maximum disconnection	Overcurrent protective devices BS EN Number	Type No.	Rating (A)	Breaking capacity (KA)	RCD operating (mA)	BS 7671 Max. permitted Zs Other 80% (Ω)	Circuit impedance Ω Ring final circuits only (measured end-to-end) r1	rn	r2	Fig 8 check (✓)	All circuits to be completed using R1R2 or R2, not both R1 + R2	R2	Insulation resistance (Record lower reading) Test voltage V	L/L, L/N M(Ω)	L/E, N/E M(Ω)	Polarity (✓)	Max. Measured Zs (Ω)	RCD testing Above 30mA IΔn ms	30mA or below 5 IΔn ms	Manual test button operation RCD (✓)	AFDD (✓)
1/L3	Sockets	A	B	6	2.5	1.5	0.4	60898 MCB	B	10	6	N/A	3.49	N/A	N/A	N/A	N/A	0.14	N/A	250	LIM	>299	✓	0.55	N/A	N/A	N/A	N/A
2/L3	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
3/L3	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
4/L3	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Details of circuits and/or installed equipment vulnerable to damage when testing

Date(s) dead testing 26/07/2022 To 26/07/2022

Date(s) live testing 26/07/2022 To 26/07/2022

Tested by: Name (capital letters) LIAM KIMBLE Position Electrical Test Engineer Date 26/07/2022

Signature

Wiring Types. A PVC/PVC, B PVC cables in metallic Conduit, C PVC cables in non-metallic Conduit, D PVC cables in metallic trunking, E PVC cables in non-metallic trunking, F PVC/SWA cables, G SWA/XPLE cables, H Mineral Insulated, MW Metal Work, FM Ferrous Metal, O Other
A/A1 - Single Core PVC Cables (4D1A), A/A2 - Multicore PVC Cables (4D2A), F/F1 - Single-core armoures PVC SWA Cables (4D3A), F/F2 - PVC SWA Cables (4D4A), A/A3 - PVC Twin & Earth (4D5), O/O1 - LSF single core cables 90°C rated (4E1A), O/O2 - Multi-core LSF cables 90°C rated (4E2A), G/G1 - Single-core armoured XLPE cables or 90°C rated (4E3A), G/G2 - Multi-core armoured XLPE cables or 90°C rated (4E4A), H/H1 - MICC exposed to touch (4G1A)

ELECTRICAL INSTALLATION CONDITION REPORT - Schedule of Tests

for Industrial/Commercial Premises

FT/EICR 110151231

Requirements for Electrical Installations
BS 7671:2018 (IET Wiring Regulations 18th Edition)

Company Name	PHS Compliance	**Company Address**	Kid Glove Road	**Postcode**	WA3 3GR	**Branch No.**	**Scheme No.**
Client	UPP Residential Services Ltd	**Installation Address**	Swansea University Bay Campus - Dryslwyn 1B & Nest 2, Reception - Ground Floor Tower Information Centre, Fabian Way, Crymlyn Burrows, Swansea, West Glamorgan	**Postcode**	SA1 8EN		

Distribution board details - Complete in every case

Location: Room X Riser [Schneider]
Designation: DB CL19/12
Num. of ways: 4 Num. of phases: 1
Supply polarity confirmed: ☑ Phase sequence confirmed: ☐

Complete only if the distribution board is not connected directly to the origin of the installation

Supply to distribution board is from: Sub Mains(DB CL19, 12/L3)
Overcurrent protective device for the distribution circuit: BS(EN) 61009 RCD/RCBO Type B Rating 32 A Voltage 230 V

Characteristics at this distribution board

Associated RCD(if any): BS (EN) 61008
Z_d 0.25 Ω No. of poles 2
I_{pf} 0.84 kA IΔn 30
Time delay (if applicable) N/A
Operating at 1 IΔn Above 30mA 26.4 ms
Operating at 5 IΔn 30mA or below 27.2 ms
(if applicable)

Test instrument serial number(s)

Loop impedance 100701/4664
Insulation resistance 100701/4664
Continuity 100701/4664
RCD 100701/4664

CIRCUIT DETAILS / TEST RESULTS

Circuit No. and Line No.	Distribution board Designation / Circuit designation	Type of wiring	Ref. method	No. of points	Circuit conductors csa (mm²) L / N	Circuit conductors csa (mm²) CPC	Maximum disconnection	Overcurrent protective devices BS EN Number	Type No.	Rating (A)	Breaking capacity (KA)	RCD operating (mA)	BS 7671 Max. permitted Zs Other 80% (Ω)	Circuit impedance Ω Ring final circuits only (measured end-to-end) r1	rn	r2	Fig 8 check (✓)	All circuits to be completed using R1R2 or R2, not both R1 + R2	R2	Insulation resistance (Record lower reading) Test voltage V	L/L, L/N M(Ω)	L/E, N/E M(Ω)	Polarity (✓)	Max. Measured Zs (Ω)	RCD testing Above 30mA IΔn ms	30mA or below 5 IΔn ms	Manual test button operation RCD (✓)	AFDD (✓)
1/L3	Sockets	A	B	6	2.5	1.5	0.4	60898 MCB	B	10	6	N/A	3.49	N/A	N/A	N/A	N/A	0.12	N/A	250	LIM	>299	✓	0.46	N/A	N/A	N/A	N/A
2/L3	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
3/L3	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
4/L3	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Details of circuits and/or installed equipment vulnerable to damage when testing

Date(s) dead testing 26/07/2022 To 26/07/2022

Date(s) live testing 26/07/2022 To 26/07/2022

Tested by: Name (capital letters) LIAM KIMBLE Position Electrical Test Engineer Date 26/07/2022

Signature

Wiring Types. A PVC/PVC, B PVC cables in metallic Conduit, C PVC cables in non-metallic Conduit, D PVC cables in metallic trunking, E PVC cables in non-metallic trunking, F PVC/SWA cables, G SWA/XPLE cables, H Mineral Insulated, MW Metal Work, FM Ferrous Metal, O Other
A/A1 - Single Core PVC Cables (4D1A), A/A2 - Multicore PVC Cables (4D2A), F/F1 - Single-core armoures PVC SWA Cables (4D3A), F/F2 - PVC SWA Cables (4D4A), A/A3 - PVC Twin & Earth (4D5), O/O1 - LSF single core cables 90°C rated (4E1A), O/O2 - Multi-core LSF cables 90°C rated (4E2A), G/G1 - Single-core armoured XLPE cables or 90°C rated (4E3A), G/G2 - Multi-core armoured XLPE cables or 90°C rated (4E4A), H/H1 - MICC exposed to touch (4G1A)

ELECTRICAL INSTALLATION CONDITION REPORT - Schedule of Tests

for Industrial/Commercial Premises

FT/EICR 110151231

Requirements for Electrical Installations
BS 7671:2018 (IET Wiring Regulations 18th Edition)

Company Name	PHS Compliance	**Company Address**	Kid Glove Road	**Postcode**	WA3 3GR	**Branch No.**	**Scheme No.**
Client	UPP Residential Services Ltd	**Installation Address**	Swansea University Bay Campus - Dryslwyn 1B & Nest 2, Reception - Ground Floor Tower Information Centre, Fabian Way, Crymlyn Burrows, Swansea, West Glamorgan	**Postcode**	SA1 8EN		

Distribution board details - Complete in every case

Location: Room 6 Riser [Schneider]
Designation: DB CL19/12-2
Num. of ways: 4 Num. of phases: 1
Supply polarity confirmed: ☑ Phase sequence confirmed: ☐

Complete only if the distribution board is not connected directly to the origin of the installation

Supply to distribution board is from: Sub Mains(DB CL19, 12/L3)
Overcurrent protective device for the distribution circuit: BS(EN) 61009 RCD/RCBO Type B Rating 32 A Voltage 230 V

Characteristics at this distribution board

Associated RCD(if any): BS (EN) 61008
Z_d 0.25 Ω No. of poles 2
I_{pf} 0.84 kA IΔn 30
Time delay (if applicable) N/A
Above 30mA Operating at 1 IΔn 26.4 ms
30mA or below Operating at 5 IΔn 27.2 ms
(if applicable)

Test instrument serial number(s)

Loop impedance: 100701/4664
Insulation resistance: 100701/4664
Continuity: 100701/4664
RCD: 100701/4664

CIRCUIT DETAILS / TEST RESULTS

Circuit No. and Line No.	Distribution board Designation / Circuit designation	Type of wiring	Ref. method	No. of points	Circuit conductors csa (mm²) L / N	Circuit conductors csa (mm²) CPC	Maximum disconnection	Overcurrent protective devices BS EN Number	Type No.	Rating (A)	Breaking capacity (KA)	RCD operating (mA)	BS 7671 Max. permitted Zs Other 80% (Ω)	Circuit impedance Ω Ring final circuits only (measured end-to-end) r1	rn	r2	Fig 8 check (✓)	All circuits to be completed using R1R2 or R2, not both R1 + R2	R2	Insulation resistance (Record lower reading) Test voltage V	L/L, L/N M(Ω)	L/E, N/E M(Ω)	Polarity (✓)	Max. Measured Zs (Ω)	RCD testing Above 30mA IΔn ms	30mA or below 5 IΔn ms	Manual test button operation RCD (✓)	AFDD (✓)
1/L3	Sockets	A	B	6	2.5	1.5	0.4	60898 MCB	B	10	6	N/A	3.49	N/A	N/A	N/A	N/A	0.14	N/A	250	LIM	>299	✓	0.58	N/A	N/A	N/A	N/A
2/L3	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
3/L3	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
4/L3	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Details of circuits and/or installed equipment vulnerable to damage when testing

Date(s) dead testing: 26/07/2022 To: 26/07/2022

Date(s) live testing: 26/07/2022 To: 26/07/2022

Tested by: Name (capital letters): LIAM KIMBLE Position: Electrical Test Engineer Date: 26/07/2022

Signature

Wiring Types. A PVC/PVC, B PVC cables in metallic Conduit, C PVC cables in non-metallic Conduit, D PVC cables in metallic trunking, E PVC cables in non-metallic trunking, F PVC/SWA cables, G SWA/XPLE cables, H Mineral Insulated, MW Metal Work, FM Ferrous Metal, O Other
A/A1 - Single Core PVC Cables (4D1A), A/A2 - Multicore PVC Cables (4D2A), F/F1 - Single-core armoures PVC SWA Cables (4D3A), F/F2 - PVC SWA Cables (4D4A), A/A3 - PVC Twin & Earth (4D5), O/O1 - LSF single core cables 90°C rated (4E1A), O/O2 - Multi-core LSF cables 90°C rated (4E2A), G/G1 - Single-core armoured XLPE cables or 90°C rated (4E3A), G/G2 - Multi-core armoured XLPE cables or 90°C rated (4E4A), H/H1 - MICC exposed to touch (4G1A)

ELECTRICAL INSTALLATION CONDITION REPORT - Schedule of Tests

for Industrial/Commercial Premises

FT/EICR 110151231

Requirements for Electrical Installations
BS 7671:2018 (IET Wiring Regulations 18th Edition)

Company Name	PHS Compliance	**Company Address**	Kid Glove Road	**Postcode**	WA3 3GR	**Branch No.**	**Scheme No.**
Client	UPP Residential Services Ltd	**Installation Address**	Swansea University Bay Campus - Dryslwyn 1B & Nest 2, Reception - Ground Floor Tower Information Centre, Fabian Way, Crymlyn Burrows, Swansea, West Glamorgan	**Postcode**	SA1 8EN		

Distribution board details - Complete in every case

Location: Room 3 Riser [Schneider]
Designation: DB CL19/13
Num. of ways: 4 Num. of phases: 1
Supply polarity confirmed: ☑ Phase sequence confirmed: ☐

Complete only if the distribution board is not connected directly to the origin of the installation

Supply to distribution board is from: Sub Mains(DB CL19, 13/L3)
Overcurrent protective device for the distribution circuit: BS(EN) 61009 RCD/RCBO Type B Rating 32 A Voltage 230 V

Characteristics at this distribution board

Associated RCD(if any): BS (EN) 61008
Z_d 0.40 Ω No. of poles 2
I_{pf} 0.55 kA IΔn 30
Time delay (if applicable) N/A
Operating at 1 IΔn: Above 30mA 28.8 ms
Operating at 5 IΔn: 30mA or below 27.0 ms
(if applicable)

Test instrument serial number(s)

Loop impedance: 100701/4664
Insulation resistance: 100701/4664
Continuity: 100701/4664
RCD: 100701/4664

CIRCUIT DETAILS / TEST RESULTS

Circuit No. and Line No.	Distribution board Designation / Circuit designation	Type of wiring	Ref. method	No. of points	Circuit conductors csa (mm²) L / N	Circuit conductors csa (mm²) CPC	Maximum disconnection	Overcurrent protective devices BS EN Number	Type No.	Rating (A)	Breaking capacity (KA)	RCD operating (mA)	BS 7671 Max. permitted Zs Other 80% (Ω)	Circuit impedance Ω Ring final circuits only (measured end-to-end) r1	rn	r2	Fig 8 check (✓)	All circuits to be completed using R1R2 or R2, not both R1 + R2	R2	Insulation resistance (Record lower reading) Test voltage V	L/L, L/N M(Ω)	L/E, N/E M(Ω)	Polarity (✓)	Max. Measured Zs (Ω)	RCD testing Above 30mA IΔn ms	30mA or below 5 IΔn ms	Manual test button operation RCD (✓)	AFDD (✓)
1/L3	Sockets	A	B	6	2.5	1.5	0.4	60898 MCB	B	10	6	N/A	3.49	N/A	N/A	N/A	N/A	0.16	N/A	250	LIM	>299	✓	0.71	N/A	N/A	N/A	N/A
2/L3	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
3/L3	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
4/L3	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Details of circuits and/or installed equipment vulnerable to damage when testing

Date(s) dead testing: 26/07/2022 To 26/07/2022

Date(s) live testing: 26/07/2022 To 26/07/2022

Tested by: Name (capital letters): LIAM KIMBLE Position: Electrical Test Engineer Date: 26/07/2022

Signature:

Wiring Types. A PVC/PVC, B PVC cables in metallic Conduit, C PVC cables in non-metallic Conduit, D PVC cables in metallic trunking, E PVC cables in non-metallic trunking, F PVC/SWA cables, G SWA/XPLE cables, H Mineral Insulated, MW Metal Work, FM Ferrous Metal, O Other
A/A1 - Single Core PVC Cables (4D1A), A/A2 - Multicore PVC Cables (4D2A), F/F1 - Single-core armoures PVC SWA Cables (4D3A), F/F2 - PVC SWA Cables (4D4A), A/A3 - PVC Twin & Earth (4D5), O/O1 - LSF single core cables 90°C rated (4E1A), O/O2 - Multi-core LSF cables 90°C rated (4E2A), G/G1 - Single-core armoured XLPE cables or 90°C rated (4E3A), G/G2 - Multi-core armoured XLPE cables or 90°C rated (4E4A), H/H1 - MICC exposed to touch (4G1A)

ELECTRICAL INSTALLATION CONDITION REPORT - Schedule of Tests

for Industrial/Commercial Premises

FT/EICR 110151231

Requirements for Electrical Installations
BS 7671:2018 (IET Wiring Regulations 18th Edition)

Company Name	PHS Compliance	**Company Address**	Kid Glove Road	**Postcode**	WA3 3GR	**Branch No.**	**Scheme No.**
Client	UPP Residential Services Ltd	**Installation Address**	Swansea University Bay Campus - Dryslwyn 1B & Nest 2, Reception - Ground Floor Tower Information Centre, Fabian Way, Crymlyn Burrows, Swansea, West Glamorgan	**Postcode**	SA1 8EN		

Distribution board details - Complete in every case

Location: Room 4 Riser [Schneider]
Designation: DB CL19/13-1
Num. of ways: 4 Num. of phases: 1
Supply polarity confirmed: ☑ Phase sequence confirmed: ☐

Complete only if the distribution board is not connected directly to the origin of the installation

Supply to distribution board is from: Sub Mains(DB CL19, 13/L3)
Overcurrent protective device for the distribution circuit: BS(EN) 61009 RCD/RCBO Type B Rating 32 A Voltage 230 V

Characteristics at this distribution board

Associated RCD(if any): BS (EN) 61008
Z_d 0.40 Ω No. of poles 2
I_{pf} 0.55 kA IΔn 30
Time delay (if applicable) N/A
Above 30mA Operating at 1 IΔn 28.8 ms
30mA or below Operating at 5 IΔn 27.0 ms
(if applicable)

Test instrument serial number(s)

Loop impedance 100701/4664
Insulation resistance 100701/4664
Continuity 100701/4664
RCD 100701/4664

CIRCUIT DETAILS / TEST RESULTS

Circuit No. and Line No.	Distribution board Designation / Circuit designation	Type of wiring	Ref. method	No. of points	Circuit conductors csa (mm²) L / N	Circuit conductors csa (mm²) CPC	Maximum disconnection	Overcurrent protective devices BS EN Number	Type No.	Rating (A)	Breaking capacity (KA)	RCD operating (mA)	BS 7671 Max. permitted Zs Other 80% (Ω)	Circuit impedance Ω Ring final circuits only (measured end-to-end) r1	rn	r2	Fig 8 check (✓)	All circuits to be completed using R1R2 or R2, not both R1 + R2	R2	Insulation resistance (Record lower reading) Test voltage V	L/L, L/N M(Ω)	L/E, N/E M(Ω)	Polarity (✓)	Max. Measured Zs (Ω)	RCD testing Above 30mA IΔn ms	30mA or below 5 IΔn ms	Manual test button operation RCD (✓)	AFDD (✓)
1/L3	Sockets	A	B	6	2.5	1.5	0.4	60898 MCB	B	10	6	N/A	3.49	N/A	N/A	N/A	N/A	0.15	N/A	250	LIM	>299	✓	0.74	N/A	N/A	N/A	N/A
2/L3	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
3/L3	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
4/L3	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Details of circuits and/or installed equipment vulnerable to damage when testing

Date(s) dead testing 26/07/2022 To 26/07/2022

Date(s) live testing 26/07/2022 To 26/07/2022

Tested by: Name (capital letters) LIAM KIMBLE Position Electrical Test Engineer Date 26/07/2022

Signature

Wiring Types. A PVC/PVC, B PVC cables in metallic Conduit, C PVC cables in non-metallic Conduit, D PVC cables in metallic trunking, E PVC cables in non-metallic trunking, F PVC/SWA cables, G SWA/XPLE cables, H Mineral Insulated, MW Metal Work, FM Ferrous Metal, O Other
A/A1 - Single Core PVC Cables (4D1A), A/A2 - Multicore PVC Cables (4D2A), F/F1 - Single-core armoures PVC SWA Cables (4D3A), F/F2 - PVC SWA Cables (4D4A), A/A3 - PVC Twin & Earth (4D5), O/O1 - LSF single core cables 90°C rated (4E1A), O/O2 - Multi-core LSF cables 90°C rated (4E2A), G/G1 - Single-core armoured XLPE cables or 90°C rated (4E3A), G/G2 - Multi-core armoured XLPE cables or 90°C rated (4E4A), H/H1 - MICC exposed to touch (4G1A)

ELECTRICAL INSTALLATION CONDITION REPORT - Schedule of Tests

for Industrial/Commercial Premises

FT/EICR 110151231

Requirements for Electrical Installations
BS 7671:2018 (IET Wiring Regulations 18th Edition)

Company Name	PHS Compliance	**Company Address**	Kid Glove Road	**Postcode**	WA3 3GR	**Branch No.**	**Scheme No.**
Client	UPP Residential Services Ltd	**Installation Address**	Swansea University Bay Campus - Dryslwyn 1B & Nest 2, Reception - Ground Floor Tower Information Centre, Fabian Way, Crymlyn Burrows, Swansea, West Glamorgan	**Postcode**	SA1 8EN		

Distribution board details - Complete in every case

Location: 4th Floor Riser [Schneider]
Designation: DB LL4/P
Num. of ways: 8 Num. of phases: 3
Supply polarity confirmed ☑ Phase sequence confirmed ☑

Complete only if the distribution board is not connected directly to the origin of the installation

Supply to distribution board is from: Sub Mains(BB Nest, 8/TP)
Overcurrent protective device for the distribution circuit: BS(EN) 88-2 HRC Type gG Rating 100 A Voltage 400 V

Characteristics at this distribution board

Associated RCD(if any): BS (EN) N/A
Z_d 0.12 Ω No. of poles N/A
I_{pf} 3.3 kA IΔn N/A
Time delay (if applicable) N/A
Operating at 1 IΔn Above 30mA N/A ms
Operating at 5 IΔn 30mA or below N/A ms
(if applicable)

Test instrument serial number(s)

Loop impedance 100701/4664
Insulation resistance 100701/4664
Continuity 100701/4664
RCD 100701/4664

CIRCUIT DETAILS / TEST RESULTS

Circuit No. and Line No.	Distribution board Designation / Circuit designation	Type of wiring	Ref. method	No. of points	Circuit conductors csa (mm²) L / N	Circuit conductors csa (mm²) CPC	Maximum disconnection	Overcurrent protective devices BS EN Number	Type No.	Rating (A)	Breaking capacity (KA)	RCD operating (mA)	BS 7671 Max. permitted Zs Other 80% (Ω)	Circuit impedance Ω Ring final circuits only (measured end-to-end) r1	rn	r2	Fig 8 check (✓)	All circuits to be completed using R1R2 or R2, not both R1 + R2	R2	Insulation resistance (Record lower reading) Test voltage V	L/L, L/N M(Ω)	L/E, N/E M(Ω)	Polarity (✓)	Max. Measured Zs (Ω)	RCD testing Above 30mA IΔn ms	30mA or below 5 IΔn ms	Manual test button operation RCD (✓)	AFDD (✓)
1/L1	4th Floor Cleaners Sockets	A	E	14	2x2.5	2x1.5	0.4	61009 RCD/RCBO	B	32	10	30	1.09	0.90	0.90	1.30	✓	0.55	N/A	250	LIM	>299	✓	0.68	28.8	24.0	✓	N/A
1/L2	3rd Floor Cleaners Sockets	A	E	14	2x2.5	2x1.5	0.4	61009 RCD/RCBO	B	32	10	30	1.09	1.00	1.00	1.48	✓	0.62	N/A	250	LIM	>299	✓	0.82	28.4	20.2	✓	N/A
1/L3	5th Floor Cleaners Sockets	A	E	14	2x2.5	2x1.5	0.4	61009 RCD/RCBO	B	32	10	30	1.09	0.94	0.94	1.28	✓	0.56	N/A	250	LIM	>299	✓	0.82	28.8	26.0	✓	N/A
2/L1	4th Floor Smoke Shaft AOD	O	E	1	2.5	2.5	0.4	61009 RCD/RCBO	C	16	10	30	1.09	N/A	N/A	N/A	N/A	0.20	N/A	250	LIM	>299	✓	0.38	25.2	22.5	✓	N/A
2/L2	3rd Floor Smoke Shaft AOD	O	E	1	2.5	2.5	0.4	60898 MCB	C	16	10	N/A	1.09	N/A	N/A	N/A	N/A	0.17	N/A	250	LIM	>299	✓	0.33	N/A	N/A	N/A	N/A
2/L3	5th Floor Smoke Shaft	O	E	1	2.5	2.5	0.4	60898 MCB	C	16	10	N/A	1.09	N/A	N/A	N/A	N/A	0.20	N/A	250	LIM	>299	✓	0.40	N/A	N/A	N/A	N/A
3/L1	4th Floor End Of Corridor AOV	O	E	1	2.5	2.5	0.4	60898 MCB	C	16	10	N/A	1.09	N/A	N/A	N/A	N/A	0.16	N/A	250	LIM	>299	✓	0.32	N/A	N/A	N/A	N/A
3/L2	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
3/L3	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
4/L1	6th Floor Cleaners Sockets	A	E	4	2x2.5	2x1.5	0.4	61009 RCD/RCBO	B	32	10	30	1.09	1.00	1.04	1.42	✓	0.61	N/A	250	LIM	>299	✓	0.88	28.4	27.2	✓	N/A
4/L2	5th Floor Comms Room Commando Socket	A	E	1	2.5	1.5	0.4	60898 MCB	C	16	10	N/A	1.09	N/A	N/A	N/A	N/A	LIM	N/A	LIM	LIM	LIM	✓	0.44	N/A	N/A	N/A	N/A
4/L3	5th Floor Maglocks	A	E	2	2.5	1.5	0.4	61009 RCD/RCBO	B	16	10	30	2.18	N/A	N/A	N/A	N/A	0.77	N/A	250	LIM	>299	✓	0.94	28.8	24.4	✓	N/A
5/L1	6th Floor Smoke Shaft AOD	O	E	1	2.5	2.5	0.4	60898 MCB	C	16	10	N/A	1.09	N/A	N/A	N/A	N/A	0.52	N/A	250	LIM	>299	✓	0.71	N/A	N/A	N/A	N/A
5/L2	5th Floor Comms Room Commando Socket 2	A	E	1	2.5	1.5	0.4	60898 MCB	B	16	10	N/A	2.18	N/A	N/A	N/A	N/A	LIM	N/A	LIM	LIM	LIM	✓	0.50	N/A	N/A	N/A	N/A

Details of circuits and/or installed equipment vulnerable to damage when testing

Date(s) dead testing 15/08/2022 To 15/08/2022

Date(s) live testing 15/08/2022 To 15/08/2022

Tested by: Name (capital letters) LIAM KIMBLE Position Electrical Test Engineer Date 15/08/2022

Signature

Wiring Types. A PVC/PVC, B PVC cables in metallic Conduit, C PVC cables in non-metallic Conduit, D PVC cables in metallic trunking, E PVC cables in non-metallic trunking, F PVC/SWA cables, G SWA/XPLE cables, H Mineral Insulated, MW Metal Work, FM Ferrous Metal, O Other
A/A1 - Single Core PVC Cables (4D1A), A/A2 - Multicore PVC Cables (4D2A), F/F1 - Single-core armoures PVC SWA Cables (4D3A), F/F2 - PVC SWA Cables (4D4A), A/A3 - PVC Twin & Earth (4D5), O/O1 - LSF single core cables 90°C rated (4E1A), O/O2 - Multi-core LSF cables 90°C rated (4E2A), G/G1 - Single-core armoured XLPE cables or 90°C rated (4E3A), G/G2 - Multi-core armoured XLPE cables or 90°C rated (4E4A), H/H1 - MICC exposed to touch (4G1A)

ELECTRICAL INSTALLATION CONDITION REPORT - Schedule of Tests

FT/EICR 110151231

for Industrial/Commercial Premises

Requirements for Electrical Installations
BS 7671:2018 (IET Wiring Regulations 18th Edition)

CIRCUIT DETAILS														TEST RESULTS														
Circuit No. and Line No.	Distribution board Designation / Circuit designation	Type of wiring	Ref. method	No. of points	Circuit conductors csa (mm²) L / N	Circuit conductors csa (mm²) CPC	Maximum disconnection	Overcurrent protective devices BS EN Number	Overcurrent protective devices Type No.	Overcurrent protective devices Rating (A)	Breaking capacity (KA)	RCD operating (mA)	BS 7671 Max. permitted Zs Other 80% (Ω)	Circuit impedance Ω Ring final circuits only (measured end-to-end) r1	r1	rn	r2	Fig 8 check (✓)	All circuits to be completed using R1R2 or R2, not both R1 + R2	R2	Insulation resistance (Record lower reading) Test voltage V	L/L, L/N M(Ω)	L/E, N/E M(Ω)	Polarity (✓)	Max. Measured Zs (Ω)	RCD testing Above 30mA IΔn ms	30mA or below 5 IΔn ms	Manual test button operation RCD (✓)	AFDD (✓)
5/L3	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
6/L1	6th Floor Head of Stair Core AOV	O	E	1	2.5	2.5	0.4	60898 MCB	C	16	10	N/A	1.09	N/A	N/A	N/A	N/A	N/A	0.33	N/A	250	LIM	>299	✓	0.58	N/A	N/A	N/A	N/A
6/L2	3rd Floor Maglocks	A	E	2	2.5	1.5	0.4	60898 MCB	B	16	10	N/A	2.18	N/A	N/A	N/A	N/A	N/A	0.60	N/A	250	LIM	>299	✓	0.79	N/A	N/A	N/A	N/A
6/L3	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
7/L1	Untraced	O	E	LIM	2.5	2.5	0.4	60898 MCB	B	16	10	N/A	2.18	N/A	N/A	N/A	N/A	N/A	LIM	N/A	250	LIM	>299	LIM	LIM	N/A	N/A	N/A	N/A
7/L2	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
7/L3	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
8/L1	4th Floor Maglocks	A	E	2	2.5	1.5	0.4	60898 MCB	B	16	10	N/A	2.18	N/A	N/A	N/A	N/A	N/A	0.70	N/A	250	LIM	>299	✓	1.02	N/A	N/A	N/A	N/A
8/L2	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
8/L3	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Details of circuits and/or installed equipment vulnerable to damage when testing

Date(s) dead testing 15/08/2022 To 15/08/2022

Date(s) live testing 15/08/2022 To 15/08/2022

Tested by: Name (capital letters) LIAM KIMBLE Position Electrical Test Engineer Date 15/08/2022

Signature

Wiring Types. A PVC/PVC, B PVC cables in metallic Conduit, C PVC cables in non-metallic Conduit, D PVC cables in metallic trunking, E PVC cables in non-metallic trunking, F PVC/SWA cables, G SWA/XPLE cables, H Mineral Insulated, MW Metal Work, FM Ferrous Metal, O Other
A/A1 - Single Core PVC Cables (4D1A), A/A2 - Multicore PVC Cables (4D2A), F/F1 - Single-core armoures PVC SWA Cables (4D3A), F/F2 - PVC SWA Cables (4D4A), A/A3 - PVC Twin & Earth (4D5), O/O1 - LSF single core cables 90°C rated (4E1A), O/O2 - Multi-core LSF cables 90°C rated (4E2A), G/G1 - Single-core armoured XLPE cables or 90°C rated (4E3A), G/G2 - Multi-core armoured XLPE cables or 90°C rated (4E4A), H/H1 - MICC exposed to touch (4G1A)

ELECTRICAL INSTALLATION CONDITION REPORT - Schedule of Tests

for Industrial/Commercial Premises

FT/EICR 110151231

Requirements for Electrical Installations
BS 7671:2018 (IET Wiring Regulations 18th Edition)

Company Name	PHS Compliance	**Company Address**	Kid Glove Road	**Postcode**	WA3 3GR	**Branch No.**	**Scheme No.**
Client	UPP Residential Services Ltd	**Installation Address**	Swansea University Bay Campus - Dryslwyn 1B & Nest 2, Reception - Ground Floor Tower Information Centre, Fabian Way, Crymlyn Burrows, Swansea, West Glamorgan	**Postcode**	SA1 8EN		

Distribution board details - Complete in every case

Location: 4th Floor Riser Flat 10 [Schneider]
Designation: DB LL4/L
Num. of ways: 6 Num. of phases: 3
Supply polarity confirmed ☑ Phase sequence confirmed ☑

Complete only if the distribution board is not connected directly to the origin of the installation

Supply to distribution board is from: Sub Mains(BB Nest, 8/TP)
Overcurrent protective device for the distribution circuit: BS(EN) 88-2 HRC gG; Type gG; Rating 100 A; Voltage 400 V
Time delay (if applicable): N/A

Characteristics at this distribution board

Associated RCD(if any): BS (EN): N/A
Z_d 0.12 Ω; No. of poles: N/A
I_{pf} 3.3 kA; IΔn: N/A
Above 30mA: Operating at 1 IΔn N/A ms
30mA or below: Operating at 5 IΔn N/A ms
(if applicable)

Test instrument serial number(s)

Loop impedance: 100701/4664
Insulation resistance: 100701/4664
Continuity: 100701/4664
RCD: 100701/4664

CIRCUIT DETAILS / TEST RESULTS

Circuit No. and Line No.	Distribution board Designation / Circuit designation	Type of wiring	Ref. method	No. of points	Circuit conductors csa (mm²) L / N	Circuit conductors csa (mm²) CPC	Maximum disconnection	Overcurrent protective devices BS EN Number	Type No.	Rating (A)	Breaking capacity (KA)	RCD operating (mA)	BS 7671 Max. permitted Zs Other 80% (Ω)	Circuit impedance Ω: Ring final circuits only (measured end-to-end) r1	rn	r2	Fig 8 check (✓)	All circuits to be completed using R1R2 or R2, not both: R1 + R2	R2	Insulation resistance (Record lower reading) Test voltage V	L/L, L/N M(Ω)	L/E, N/E M(Ω)	Polarity (✓)	Max. Measured Zs (Ω)	RCD testing: Above 30mA IΔn ms	30mA or below 5 IΔn ms	Manual test button operation: RCD (✓)	AFDD (✓)
1/L1	3rd Floor Corridor Lighting	A	E	10	1.5	1	0.4	61009 RCD/RCBO	C	10	10	30	1.75	N/A	N/A	N/A	N/A	0.66	N/A	250	LIM	>299	✓	0.88	28.8	25.2	✓	N/A
1/L2	4th FLoor Corridor Lighting	A	E	9	1.5	1	0.4	61009 RCD/RCBO	C	10	10	30	1.75	N/A	N/A	N/A	N/A	0.54	N/A	250	LIM	>299	✓	0.77	28.0	27.2	✓	N/A
1/L3	5th Floor Corridor Lighting	A	E	9	1.5	1	0.4	61009 RCD/RCBO	C	10	10	30	1.75	N/A	N/A	N/A	N/A	0.58	N/A	250	LIM	>299	✓	0.75	27.2	21.0	✓	N/A
2/L1	3rd Floor Corridor Lighting 2	A	E	10	1.5	1	0.4	61009 RCD/RCBO	C	10	10	30	1.75	N/A	N/A	N/A	N/A	0.62	N/A	250	LIM	>299	✓	0.79	28.8	27.8	✓	N/A
2/L2	4th FLoor Corridor Lighting 2	A	E	10	1.5	1	0.4	61009 RCD/RCBO	C	10	10	30	1.75	N/A	N/A	N/A	N/A	0.59	N/A	250	LIM	>299	✓	0.82	25.4	27.2	✓	N/A
2/L3	5th Floor Corridor Lighting 2	A	E	11	1.5	1	0.4	61009 RCD/RCBO	C	10	10	30	1.75	N/A	N/A	N/A	N/A	0.64	N/A	250	LIM	>299	✓	0.75	28.2	25.4	✓	N/A
3/L1	3rd Floor Stair Lighting	A	E	9	1.5	1	0.4	61009 RCD/RCBO	C	10	10	30	1.75	N/A	N/A	N/A	N/A	0.58	N/A	250	LIM	>299	✓	0.82	25.4	20.4	✓	N/A
3/L2	4th Floor Stair Lighting	A	E	7	1.5	1	0.4	61009 RCD/RCBO	C	10	10	30	1.75	N/A	N/A	N/A	N/A	0.62	N/A	250	LIM	>299	✓	0.75	20.2	14.0	✓	N/A
3/L3	5th Floor Stair Lighting	A	E	7	1.5	1	0.4	61009 RCD/RCBO	C	10	10	30	1.75	N/A	N/A	N/A	N/A	0.55	N/A	250	LIM	>299	✓	0.83	27.2	27.2	✓	N/A
4/L1	6th Floor Corridor Lighting	A	E	10	1.5	1	0.4	61009 RCD/RCBO	C	10	10	30	1.75	N/A	N/A	N/A	N/A	0.60	N/A	250	LIM	>299	✓	0.82	28.8	24.0	✓	N/A
4/L2	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
4/L3	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
5/L1	6th Floor Stair Lighting	A	E	7	1.5	1	0.4	61009 RCD/RCBO	C	10	10	30	1.75	N/A	N/A	N/A	N/A	0.58	N/A	250	LIM	>299	✓	0.75	25.4	21.0	✓	N/A
5/L2	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Details of circuits and/or installed equipment vulnerable to damage when testing

Date(s) dead testing: 15/08/2022 To: 15/08/2022

Date(s) live testing: 15/08/2022 To: 15/08/2022

Tested by: Name (capital letters): LIAM KIMBLE Position: Electrical Test Engineer Date: 15/08/2022

Signature

Wiring Types. A PVC/PVC, B PVC cables in metallic Conduit, C PVC cables in non-metallic Conduit, D PVC cables in metallic trunking, E PVC cables in non-metallic trunking, F PVC/SWA cables, G SWA/XPLE cables, H Mineral Insulated, MW Metal Work, FM Ferrous Metal, O Other
A/A1 - Single Core PVC Cables (4D1A), A/A2 - Multicore PVC Cables (4D2A), F/F1 - Single-core armoures PVC SWA Cables (4D3A), F/F2 - PVC SWA Cables (4D4A), A/A3 - PVC Twin & Earth (4D5), O/O1 - LSF single core cables 90°C rated (4E1A), O/O2 - Multi-core LSF cables 90°C rated (4E2A), G/G1 - Single-core armoured XLPE cables or 90°C rated (4E3A), G/G2 - Multi-core armoured XLPE cables or 90°C rated (4E4A), H/H1 - MICC exposed to touch (4G1A)

ELECTRICAL INSTALLATION CONDITION REPORT - Schedule of Tests

FT/EICR 110151231

for Industrial/Commercial Premises

Requirements for Electrical Installations
BS 7671:2018 (IET Wiring Regulations 18th Edition)

CIRCUIT DETAILS														TEST RESULTS																
Circuit No. and Line No.	Distribution board Designation / Circuit designation	Type of wiring	Ref. method	No. of points	Circuit conductors csa (mm²)		Maximum disconnection	Overcurrent protective devices			Breaking capacity	RCD operating	BS 7671 Max. permitted Zs Other	Circuit impedance Ω						Insulation resistance (Record lower reading)			Polarity	Max. Measured Zs	RCD testing		Manual test button operation	
	DB LL4/L													Ring final circuits only (measured end-to-end)			Fig 8 check	All circuits to be completed using R1R2 or R2, not both		Test voltage	L/L, L/N	L/E, N/E			Above 30mA IΔn	30mA or below 5 IΔn	RCD	AFDD
					L / N	CPC		BS EN Number	Type No.	Rating (A)	(KA)	(mA)	80% (Ω)	r1	rn	r2	(✓)	R1 + R2	R2	V	M(Ω)	M(Ω)	(✓)	Zs (Ω)	ms	ms	(✓)	(✓)
5/L3	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
6/TP	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Details of circuits and/or installed equipment vulnerable to damage when testing

Date(s) dead testing 15/08/2022 To 15/08/2022

Date(s) live testing 15/08/2022 To 15/08/2022

Tested by: Name (capital letters) LIAM KIMBLE

Position Electrical Test Engineer

Date 15/08/2022

Signature

Wiring Types. A PVC/PVC, B PVC cables in metallic Conduit, C PVC cables in non-metallic Conduit, D PVC cables in metallic trunking, E PVC cables in non-metallic trunking, F PVC/SWA cables, G SWA/XPLE cables, H Mineral Insulated, MW Metal Work, FM Ferrous Metal, O Other
A/A1 - Single Core PVC Cables (4D1A), A/A2 - Multicore PVC Cables (4D2A), F/F1 - Single-core armoures PVC SWA Cables (4D3A), F/F2 - PVC SWA Cables (4D4A), A/A3 - PVC Twin & Earth (4D5), O/O1 - LSF single core cables 90°C rated (4E1A), O/O2 - Multi-core LSF cables 90°C rated (4E2A), G/G1 - Single-core armoured XLPE cables or 90°C rated (4E3A), G/G2 - Multi-core armoured XLPE cables or 90°C rated (4E4A), H/H1 - MICC exposed to touch (4G1A)

ELECTRICAL INSTALLATION CONDITION REPORT - Schedule of Tests

for Industrial/Commercial Premises

FT/EICR 110151231

Requirements for Electrical Installations
BS 7671:2018 (IET Wiring Regulations 18th Edition)

Company Name	PHS Compliance	**Company Address**	Kid Glove Road	**Postcode**	WA3 3GR	**Branch No.**	**Scheme No.**
Client	UPP Residential Services Ltd	**Installation Address**	Swansea University Bay Campus - Dryslwyn 1B & Nest 2, Reception - Ground Floor Tower Information Centre, Fabian Way, Crymlyn Burrows, Swansea, West Glamorgan	**Postcode**	SA1 8EN		

Distribution board details - Complete in every case

Location: 3rd Floor [Schneider]
Designation: DB CL15
Num. of ways: 18 Num. of phases: 1
Supply polarity confirmed ☑ Phase sequence confirmed ☑

Complete only if the distribution board is not connected directly to the origin of the installation

Supply to distribution board is from: Sub Mains(BB Nest, 7/L3)
Overcurrent protective device for the distribution circuit: BS(EN) 88-2 HRC Type gG Rating 63 A Voltage 230 V
Time delay (if applicable) N/A

Characteristics at this distribution board

Associated RCD(if any): BS (EN) N/A
Z_d 0.16 Ω No. of poles N/A
I_{pf} 1.4 kA IΔn N/A
Operating at 1 IΔn Above 30mA N/A ms
Operating at 5 IΔn 30mA or below N/A ms
(if applicable)

Test instrument serial number(s)

Loop impedance 100701/4664
Insulation resistance 100701/4664
Continuity 100701/4664
RCD 100701/4664

CIRCUIT DETAILS / TEST RESULTS

Circuit No. and Line No.	Distribution board Designation / Circuit designation	Type of wiring	Ref. method	No. of points	Circuit conductors csa (mm²) L / N	Circuit conductors csa (mm²) CPC	Maximum disconnection	Overcurrent protective devices BS EN Number	Type No.	Rating (A)	Breaking capacity (KA)	RCD operating (mA)	BS 7671 Max. permitted Zs Other 80% (Ω)	Circuit impedance Ω Ring final circuits only (measured end-to-end) r1	rn	r2	Fig 8 check (✓)	All circuits to be completed using R1R2 or R2, not both R1 + R2	R2	Insulation resistance (Record lower reading) Test voltage V	L/L, L/N M(Ω)	L/E, N/E M(Ω)	Polarity (✓)	Max. Measured Zs (Ω)	RCD testing Above 30mA IΔn ms	30mA or below 5 IΔn ms	Manual test button operation RCD (✓)	AFDD (✓)
1/L3	Bedroom Lighting 7,8	A	B	10	1.5	1	0.4	61009 RCD/RCBO	C	10	10	30	1.75	N/A	N/A	N/A	N/A	0.64	N/A	250	LIM	>299	✓	0.93	32.6	28.2	✓	N/A
2/L3	Bedroom Lighting 5,6	A	B	10	1.5	1	0.4	61009 RCD/RCBO	C	10	10	30	1.75	N/A	N/A	N/A	N/A	0.70	N/A	250	LIM	>299	✓	0.84	28.4	26.4	✓	N/A
3/L3	Bedroom Lighting 3,4	A	B	10	1.5	1	0.4	61009 RCD/RCBO	C	10	10	30	1.75	N/A	N/A	N/A	N/A	0.63	N/A	250	LIM	>299	✓	0.88	26.4	20.0	✓	N/A
4/L3	Bedroom Lighting 1,2	A	B	10	1.5	1	0.4	61009 RCD/RCBO	C	10	10	30	1.75	N/A	N/A	N/A	N/A	0.72	N/A	250	LIM	>299	✓	0.79	25.4	23.2	✓	N/A
5/L3	Common Room Lighting	A	B	6	1.5	1	0.4	61009 RCD/RCBO	C	10	10	30	1.75	N/A	N/A	N/A	N/A	0.68	N/A	250	LIM	>299	✓	0.86	28.8	25.6	✓	N/A
6/L3	Common Room Ring 1	A	B	10	2x2.5	2x1.5	0.4	61009 RCD/RCBO	B	32	10	30	1.09	0.29	0.29	0.44	✓	0.18	N/A	250	LIM	>299	✓	0.44	28.4	26.2	✓	N/A
7/L3	Common Room Ring 2	A	B	8	2x2.5	2x1.5	0.4	61009 RCD/RCBO	B	32	10	30	1.09	0.40	0.40	0.52	✓	0.23	N/A	250	LIM	>299	✓	0.51	28.4	27.2	✓	N/A
8/L3	Isolated	A	B	LIM	10	4	0.4	61009 RCD/RCBO	B	32	10	30	1.09	N/A	N/A	N/A	N/A	LIM	N/A	250	LIM	>299	LIM	LIM	LIM	LIM	LIM	N/A
9/L3	Isolated	A	B	LIM	10	4	0.4	61009 RCD/RCBO	B	32	10	30	1.09	N/A	N/A	N/A	N/A	LIM	N/A	250	LIM	>299	LIM	LIM	LIM	LIM	LIM	N/A
10/L3	Sub Mains(DB CL15/10, DB CL15/10-1)	A	B	2	2x2.5	2x1.5	5	61009 RCD/RCBO	B	32	10	30	1.09	0.24	0.24	0.44	✓	0.17	N/A	250	LIM	>299	✓	0.39	28.2	27.2	✓	N/A
11/L3	Sub Mains(DB CL15/11, DB CL15/11-1)	A	B	2	2x2.5	2x1.5	5	61009 RCD/RCBO	B	32	10	30	1.09	0.40	0.40	0.52	✓	0.23	N/A	250	LIM	>299	✓	0.40	28.8	20.8	✓	N/A
12/L3	Sub Mains(DB CL15/12, DB CL15/12-1)	A	B	2	2x2.5	2x1.5	5	61009 RCD/RCBO	B	32	10	30	1.09	0.32	0.32	0.40	✓	0.18	N/A	250	LIM	>299	✓	0.27	28.6	27.6	✓	N/A
13/L3	Sub Mains(DB CL15/13, DB CL15/13-1)	A	B	2	2x2.5	2x1.5	5	61009 RCD/RCBO	B	32	10	30	1.09	0.40	0.40	0.49	✓	0.23	N/A	250	LIM	>299	✓	0.44	28.2	22.4	✓	N/A

Details of circuits and/or installed equipment vulnerable to damage when testing

Date(s) dead testing 15/08/2022 To 15/08/2022

Date(s) live testing 15/08/2022 To 15/08/2022

Signature

Tested by: Name (capital letters) LIAM KIMBLE Position Electrical Test Engineer Date 15/08/2022

Wiring Types. A PVC/PVC, B PVC cables in metallic Conduit, C PVC cables in non-metallic Conduit, D PVC cables in metallic trunking, E PVC cables in non-metallic trunking, F PVC/SWA cables, G SWA/XPLE cables, H Mineral Insulated, MW Metal Work, FM Ferrous Metal, O Other
A/A1 - Single Core PVC Cables (4D1A), A/A2 - Multicore PVC Cables (4D2A), F/F1 - Single-core armoures PVC SWA Cables (4D3A), F/F2 - PVC SWA Cables (4D4A), A/A3 - PVC Twin & Earth (4D5), O/O1 - LSF single core cables 90°C rated (4E1A), O/O2 - Multi-core LSF cables 90°C rated (4E2A), G/G1 - Single-core armoured XLPE cables or 90°C rated (4E3A), G/G2 - Multi-core armoured XLPE cables or 90°C rated (4E4A), H/H1 - MICC exposed to touch (4G1A)

ELECTRICAL INSTALLATION CONDITION REPORT - Schedule of Tests

FT/EICR 110151231

for Industrial/Commercial Premises

Requirements for Electrical Installations
BS 7671:2018 (IET Wiring Regulations 18th Edition)

CIRCUIT DETAILS														TEST RESULTS																
Circuit No. and Line No.	Distribution board Designation: DB CL15 / Circuit designation	Type of wiring	Ref. method	No. of points	Circuit conductors csa (mm²) L / N	Circuit conductors csa (mm²) CPC	Maximum disconnection	Overcurrent protective devices BS EN Number	Overcurrent protective devices Type No.	Overcurrent protective devices Rating (A)	Breaking capacity (KA)	RCD operating (mA)	BS 7671 Max. permitted Zs Other 80% (Ω)	Circuit impedance Ω: Ring final circuits only (measured end-to-end) r1	rn	r2	Fig 8 check (✓)	All circuits to be completed using R1R2 or R2, not both: R1 + R2	R2	Insulation resistance (Record lower reading): Test voltage V	L/L, L/N M(Ω)	L/E, N/E M(Ω)	Polarity (✓)	Max. Measured Zs (Ω)	RCD testing: Above 30mA IΔn ms	30mA or below 5 IΔn ms	Manual test button operation: RCD (✓)	AFDD (✓)
14/L3	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
15/L3	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
16/L3	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
17/L3	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
18/L3	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Details of circuits and/or installed equipment vulnerable to damage when testing

Date(s) dead testing 15/08/2022 To 15/08/2022

Date(s) live testing 15/08/2022 To 15/08/2022

Tested by: Name (capital letters) LIAM KIMBLE

Position Electrical Test Engineer

Date 15/08/2022

Signature

Wiring Types. A PVC/PVC, B PVC cables in metallic Conduit, C PVC cables in non-metallic Conduit, D PVC cables in metallic trunking, E PVC cables in non-metallic trunking, F PVC/SWA cables, G SWA/XPLE cables, H Mineral Insulated, MW Metal Work, FM Ferrous Metal, O Other
A/A1 - Single Core PVC Cables (4D1A), A/A2 - Multicore PVC Cables (4D2A), F/F1 - Single-core armoures PVC SWA Cables (4D3A), F/F2 - PVC SWA Cables (4D4A), A/A3 - PVC Twin & Earth (4D5), O/O1 - LSF single core cables 90°C rated (4E1A), O/O2 - Multi-core LSF cables 90°C rated (4E2A), G/G1 - Single-core armoured XLPE cables or 90°C rated (4E3A), G/G2 - Multi-core armoured XLPE cables or 90°C rated (4E4A), H/H1 - MICC exposed to touch (4G1A)

ELECTRICAL INSTALLATION CONDITION REPORT - Schedule of Tests

for Industrial/Commercial Premises

FT/EICR 110151231

Requirements for Electrical Installations
BS 7671:2018 (IET Wiring Regulations 18th Edition)

Company Name	PHS Compliance	**Company Address**	Kid Glove Road	**Postcode**	WA3 3GR	**Branch No.**	**Scheme No.**
Client	UPP Residential Services Ltd	**Installation Address**	Swansea University Bay Campus - Dryslwyn 1B & Nest 2, Reception - Ground Floor Tower Information Centre, Fabian Way, Crymlyn Burrows, Swansea, West Glamorgan	**Postcode**	SA1 8EN		

Distribution board details - Complete in every case

Location: Room 7 Riser [Schneider]
Designation: DB CL15/10
Num. of ways: 4 Num. of phases: 1
Supply polarity confirmed: ☑ Phase sequence confirmed: ☐

Complete only if the distribution board is not connected directly to the origin of the installation

Supply to distribution board is from: Sub Mains(DB CL15, 10/L3)
Overcurrent protective device for the distribution circuit: BS(EN) 61009 RCD/RCBO Type B Rating 32 A Voltage 230 V

Characteristics at this distribution board

Associated RCD(if any): BS (EN) 61008
Z_d 0.39 Ω No. of poles 2
I_{pf} 0.57 kA IΔn 30
Time delay (if applicable) N/A
Operating at 1 IΔn: Above 30mA 28.2 ms
Operating at 5 IΔn: 30mA or below 27.2 ms
(if applicable)

Test instrument serial number(s)

Loop impedance: 100701/4664
Insulation resistance: 100701/4664
Continuity: 100701/4664
RCD: 100701/4664

CIRCUIT DETAILS / TEST RESULTS

Circuit No. and Line No.	Distribution board Designation / Circuit designation	Type of wiring	Ref. method	No. of points	Circuit conductors csa (mm²) L / N	Circuit conductors csa (mm²) CPC	Maximum disconnection	Overcurrent protective devices BS EN Number	Type No.	Rating (A)	Breaking capacity (KA)	RCD operating (mA)	BS 7671 Max. permitted Zs Other 80% (Ω)	Circuit impedance Ω Ring final circuits only (measured end-to-end) r1	rn	r2	Fig 8 check (✓)	All circuits to be completed using R1R2 or R2, not both R1 + R2	R2	Insulation resistance (Record lower reading) Test voltage V	L/L, L/N M(Ω)	L/E, N/E M(Ω)	Polarity (✓)	Max. Measured Zs (Ω)	RCD testing Above 30mA IΔn ms	30mA or below 5 IΔn ms	Manual test button operation RCD (✓)	AFDD (✓)
1/L3	Sockets	A	B	6	2.5	1.5	0.4	60898 MCB	B	10	6	N/A	3.49	N/A	N/A	N/A	N/A	0.20	N/A	250	LIM	>299	✓	0.66	N/A	N/A	N/A	N/A
2/L3	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
3/L3	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
4/L3	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Details of circuits and/or installed equipment vulnerable to damage when testing

Date(s) dead testing: 26/07/2022 To 26/07/2022

Date(s) live testing: 26/07/2022 To 26/07/2022

Tested by: Name (capital letters): LIAM KIMBLE Position: Electrical Test Engineer Date: 26/07/2022

Signature:

Wiring Types. A PVC/PVC, B PVC cables in metallic Conduit, C PVC cables in non-metallic Conduit, D PVC cables in metallic trunking, E PVC cables in non-metallic trunking, F PVC/SWA cables, G SWA/XPLE cables, H Mineral Insulated, MW Metal Work, FM Ferrous Metal, O Other
A/A1 - Single Core PVC Cables (4D1A), A/A2 - Multicore PVC Cables (4D2A), F/F1 - Single-core armoures PVC SWA Cables (4D3A), F/F2 - PVC SWA Cables (4D4A), A/A3 - PVC Twin & Earth (4D5), O/O1 - LSF single core cables 90°C rated (4E1A), O/O2 - Multi-core LSF cables 90°C rated (4E2A), G/G1 - Single-core armoured XLPE cables or 90°C rated (4E3A), G/G2 - Multi-core armoured XLPE cables or 90°C rated (4E4A), H/H1 - MICC exposed to touch (4G1A)

ELECTRICAL INSTALLATION CONDITION REPORT - Schedule of Tests

for Industrial/Commercial Premises

FT/EICR 110151231

Requirements for Electrical Installations
BS 7671:2018 (IET Wiring Regulations 18th Edition)

Company Name	PHS Compliance	**Company Address**	Kid Glove Road	**Postcode**	WA3 3GR	**Branch No.**	**Scheme No.**
Client	UPP Residential Services Ltd	**Installation Address**	Swansea University Bay Campus - Dryslwyn 1B & Nest 2, Reception - Ground Floor Tower Information Centre, Fabian Way, Crymlyn Burrows, Swansea, West Glamorgan	**Postcode**	SA1 8EN		

Distribution board details - Complete in every case

Location: Room 8 Riser [Schneider]
Designation: DB CL15/10-1
Num. of ways: 4 Num. of phases: 1
Supply polarity confirmed: ☑ Phase sequence confirmed: ☐

Complete only if the distribution board is not connected directly to the origin of the installation

Supply to distribution board is from: Sub Mains(DB CL15, 10/L3)
Overcurrent protective device for the distribution circuit: BS(EN) 61009 RCD/RCBO Type B Rating 32 A Voltage 230 V

Characteristics at this distribution board

Associated RCD(if any): BS (EN) 61008
Z_d 0.39 Ω No. of poles 2
I_{pf} 0.57 kA IΔn 30
Time delay (if applicable) N/A
Above 30mA Operating at 1 IΔn 28.2 ms
30mA or below Operating at 5 IΔn 27.2 ms
(if applicable)

Test instrument serial number(s)

Loop impedance: 100701/4664
Insulation resistance: 100701/4664
Continuity: 100701/4664
RCD: 100701/4664

CIRCUIT DETAILS / TEST RESULTS

Circuit No. and Line No.	Distribution board Designation / Circuit designation	Type of wiring	Ref. method	No. of points	Circuit conductors csa (mm²) L / N	Circuit conductors csa (mm²) CPC	Maximum disconnection	Overcurrent protective devices BS EN Number	Type No.	Rating (A)	Breaking capacity (KA)	RCD operating (mA)	BS 7671 Max. permitted Zs Other 80% (Ω)	Circuit impedance Ω Ring final circuits only (measured end-to-end) r1	rn	r2	Fig 8 check (✓)	All circuits to be completed using R1R2 or R2, not both R1 + R2	R2	Insulation resistance (Record lower reading) Test voltage V	L/L, L/N M(Ω)	L/E, N/E M(Ω)	Polarity (✓)	Max. Measured Zs (Ω)	RCD testing Above 30mA IΔn ms	30mA or below 5 IΔn ms	Manual test button operation RCD (✓)	AFDD (✓)
1/L3	Sockets	A	B	6	2.5	1.5	0.4	60898 MCB	B	10	6	N/A	3.49	N/A	N/A	N/A	N/A	0.14	N/A	250	LIM	>299	✓	0.66	N/A	N/A	N/A	N/A
2/L3	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
3/L3	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
4/L3	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Details of circuits and/or installed equipment vulnerable to damage when testing

Date(s) dead testing: 26/07/2022 To: 26/07/2022

Date(s) live testing: 26/07/2022 To: 26/07/2022

Signature:

Tested by: Name (capital letters): LIAM KIMBLE Position: Electrical Test Engineer Date: 26/07/2022

Wiring Types. A PVC/PVC, B PVC cables in metallic Conduit, C PVC cables in non-metallic Conduit, D PVC cables in metallic trunking, E PVC cables in non-metallic trunking, F PVC/SWA cables, G SWA/XPLE cables, H Mineral Insulated, MW Metal Work, FM Ferrous Metal, O Other
A/A1 - Single Core PVC Cables (4D1A), A/A2 - Multicore PVC Cables (4D2A), F/F1 - Single-core armoures PVC SWA Cables (4D3A), F/F2 - PVC SWA Cables (4D4A), A/A3 - PVC Twin & Earth (4D5), O/O1 - LSF single core cables 90°C rated (4E1A), O/O2 - Multi-core LSF cables 90°C rated (4E2A), G/G1 - Single-core armoured XLPE cables or 90°C rated (4E3A), G/G2 - Multi-core armoured XLPE cables or 90°C rated (4E4A), H/H1 - MICC exposed to touch (4G1A)

ELECTRICAL INSTALLATION CONDITION REPORT - Schedule of Tests

for Industrial/Commercial Premises

FT/EICR 110151231

Requirements for Electrical Installations
BS 7671:2018 (IET Wiring Regulations 18th Edition)

Company Name	PHS Compliance	**Company Address**	Kid Glove Road	**Postcode**	WA3 3GR	**Branch No.**	**Scheme No.**
Client	UPP Residential Services Ltd	**Installation Address**	Swansea University Bay Campus - Dryslwyn 1B & Nest 2, Reception - Ground Floor Tower Information Centre, Fabian Way, Crymlyn Burrows, Swansea, West Glamorgan	**Postcode**	SA1 8EN		

Distribution board details - Complete in every case

Location: Room 5 Riser [Schneider]
Designation: DB CL15/11
Num. of ways: 4 Num. of phases: 1
Supply polarity confirmed: ☑ Phase sequence confirmed: ☐

Complete only if the distribution board is not connected directly to the origin of the installation

Supply to distribution board is from: Sub Mains(DB CL15, 11/L3)
Overcurrent protective device for the distribution circuit: BS(EN) 61009 RCD/RCBO Type B Rating 32 A Voltage 230 V

Characteristics at this distribution board

Associated RCD(if any): BS (EN) 61008
Z_d 0.40 Ω No. of poles 2
I_{pf} 0.55 kA IΔn 30
Time delay (if applicable) N/A
Operating at 1 IΔn: Above 30mA 28.8 ms
Operating at 5 IΔn: 30mA or below 20.8 ms
(if applicable)

Test instrument serial number(s)

Loop impedance: 100701/4664
Insulation resistance: 100701/4664
Continuity: 100701/4664
RCD: 100701/4664

CIRCUIT DETAILS / TEST RESULTS

Circuit No. and Line No.	Distribution board Designation / Circuit designation	Type of wiring	Ref. method	No. of points	Circuit conductors csa (mm²) L / N	Circuit conductors csa (mm²) CPC	Maximum disconnection	Overcurrent protective devices BS EN Number	Type No.	Rating (A)	Breaking capacity (KA)	RCD operating (mA)	BS 7671 Max. permitted Zs Other 80% (Ω)	Circuit impedance Ω Ring final circuits only (measured end-to-end) r1	rn	r2	Fig 8 check (✓)	All circuits to be completed using R1R2 or R2, not both R1 + R2	R2	Insulation resistance (Record lower reading) Test voltage V	L/L, L/N M(Ω)	L/E, N/E M(Ω)	Polarity (✓)	Max. Measured Zs (Ω)	RCD testing Above 30mA IΔn ms	30mA or below 5 IΔn ms	Manual test button operation RCD (✓)	AFDD (✓)
1/L3	Sockets	A	B	6	2.5	1.5	0.4	60898 MCB	B	10	6	N/A	3.49	N/A	N/A	N/A	N/A	0.12	N/A	250	LIM	>299	✓	0.72	N/A	N/A	N/A	N/A
2/L3	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
3/L3	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
4/L3	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Details of circuits and/or installed equipment vulnerable to damage when testing

Date(s) dead testing: 26/07/2022 To: 26/07/2022

Date(s) live testing: 26/07/2022 To: 26/07/2022

Tested by: Name (capital letters): LIAM KIMBLE Position: Electrical Test Engineer Date: 26/07/2022

Signature

Wiring Types. A PVC/PVC, B PVC cables in metallic Conduit, C PVC cables in non-metallic Conduit, D PVC cables in metallic trunking, E PVC cables in non-metallic trunking, F PVC/SWA cables, G SWA/XPLE cables, H Mineral Insulated, MW Metal Work, FM Ferrous Metal, O Other
A/A1 - Single Core PVC Cables (4D1A), A/A2 - Multicore PVC Cables (4D2A), F/F1 - Single-core armoures PVC SWA Cables (4D3A), F/F2 - PVC SWA Cables (4D4A), A/A3 - PVC Twin & Earth (4D5), O/O1 - LSF single core cables 90°C rated (4E1A), O/O2 - Multi-core LSF cables 90°C rated (4E2A), G/G1 - Single-core armoured XLPE cables or 90°C rated (4E3A), G/G2 - Multi-core armoured XLPE cables or 90°C rated (4E4A), H/H1 - MICC exposed to touch (4G1A)

ELECTRICAL INSTALLATION CONDITION REPORT - Schedule of Tests

for Industrial/Commercial Premises

FT/EICR 110151231

Requirements for Electrical Installations
BS 7671:2018 (IET Wiring Regulations 18th Edition)

Company Name	PHS Compliance	**Company Address**	Kid Glove Road	**Postcode**	WA3 3GR	**Branch No.**	**Scheme No.**
Client	UPP Residential Services Ltd	**Installation Address**	Swansea University Bay Campus - Dryslwyn 1B & Nest 2, Reception - Ground Floor Tower Information Centre, Fabian Way, Crymlyn Burrows, Swansea, West Glamorgan	**Postcode**	SA1 8EN		

Distribution board details - Complete in every case

Location: Room 6 Riser [Schneider]
Designation: DB CL15/11-1
Num. of ways: 4 Num. of phases: 1
Supply polarity confirmed: ☑ Phase sequence confirmed: ☐

Complete only if the distribution board is not connected directly to the origin of the installation

Supply to distribution board is from: Sub Mains(DB CL15, 11/L3)
Overcurrent protective device for the distribution circuit: BS(EN) 61009 RCD/RCBO Type B Rating 32 A Voltage 230 V

Characteristics at this distribution board

Associated RCD(if any): BS (EN) 61008
Z_d 0.40 Ω No. of poles 2
I_{pf} 0.55 kA IΔn 30
Time delay (if applicable) N/A
Operating at 1 IΔn: Above 30mA 28.8 ms
Operating at 5 IΔn: 30mA or below 20.8 ms
(if applicable)

Test instrument serial number(s)

Loop impedance: 100701/4664
Insulation resistance: 100701/4664
Continuity: 100701/4664
RCD: 100701/4664

CIRCUIT DETAILS / TEST RESULTS

Circuit No. and Line No.	Distribution board Designation / Circuit designation	Type of wiring	Ref. method	No. of points	Circuit conductors csa (mm²) L / N	Circuit conductors csa (mm²) CPC	Maximum disconnection	Overcurrent protective devices BS EN Number	Type No.	Rating (A)	Breaking capacity (KA)	RCD operating (mA)	BS 7671 Max. permitted Zs Other 80% (Ω)	Circuit impedance Ω Ring final circuits only (measured end-to-end) r1	rn	r2	Fig 8 check (✓)	All circuits to be completed using R1R2 or R2, not both R1 + R2	R2	Insulation resistance (Record lower reading) Test voltage V	L/L, L/N M(Ω)	L/E, N/E M(Ω)	Polarity (✓)	Max. Measured Zs (Ω)	RCD testing Above 30mA IΔn ms	30mA or below 5 IΔn ms	Manual test button operation RCD (✓)	AFDD (✓)
1/L3	Sockets	A	B	6	2.5	1.5	0.4	60898 MCB	B	10	6	N/A	3.49	N/A	N/A	N/A	N/A	0.10	N/A	250	LIM	>299	✓	0.58	N/A	N/A	N/A	N/A
2/L3	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
3/L3	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
4/L3	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Details of circuits and/or installed equipment vulnerable to damage when testing

Date(s) dead testing: 26/07/2022 To 26/07/2022

Date(s) live testing: 26/07/2022 To 26/07/2022

Tested by: Name (capital letters): LIAM KIMBLE Position: Electrical Test Engineer Date: 26/07/2022

Signature:

Wiring Types. A PVC/PVC, B PVC cables in metallic Conduit, C PVC cables in non-metallic Conduit, D PVC cables in metallic trunking, E PVC cables in non-metallic trunking, F PVC/SWA cables, G SWA/XPLE cables, H Mineral Insulated, MW Metal Work, FM Ferrous Metal, O Other
A/A1 - Single Core PVC Cables (4D1A), A/A2 - Multicore PVC Cables (4D2A), F/F1 - Single-core armoures PVC SWA Cables (4D3A), F/F2 - PVC SWA Cables (4D4A), A/A3 - PVC Twin & Earth (4D5), O/O1 - LSF single core cables 90°C rated (4E1A), O/O2 - Multi-core LSF cables 90°C rated (4E2A), G/G1 - Single-core armoured XLPE cables or 90°C rated (4E3A), G/G2 - Multi-core armoured XLPE cables or 90°C rated (4E4A), H/H1 - MICC exposed to touch (4G1A)

ELECTRICAL INSTALLATION CONDITION REPORT - Schedule of Tests

for Industrial/Commercial Premises

FT/EICR 110151231

Requirements for Electrical Installations
BS 7671:2018 (IET Wiring Regulations 18th Edition)

Company Name	PHS Compliance	**Company Address**	Kid Glove Road	**Postcode**	WA3 3GR	**Branch No.**	**Scheme No.**
Client	UPP Residential Services Ltd	**Installation Address**	Swansea University Bay Campus - Dryslwyn 1B & Nest 2, Reception - Ground Floor Tower Information Centre, Fabian Way, Crymlyn Burrows, Swansea, West Glamorgan	**Postcode**	SA1 8EN		

Distribution board details - Complete in every case

Location: Room 3 Riser [Schneider]
Designation: DB CL15/12
Num. of ways: 4 Num. of phases: 1
Supply polarity confirmed: ☑ Phase sequence confirmed: ☐

Complete only if the distribution board is not connected directly to the origin of the installation

Supply to distribution board is from: Sub Mains(DB CL15, 12/L3)
Overcurrent protective device for the distribution circuit: BS(EN) 61009 RCD/RCBO Type B Rating 32 A Voltage 230 V

Characteristics at this distribution board

Associated RCD(if any): BS (EN) 61008
Z_d 0.27 Ω No. of poles 2
I_{pf} 0.82 kA IΔn 30
Time delay (if applicable) N/A
Above 30mA Operating at 1 IΔn 28.6 ms
30mA or below Operating at 5 IΔn 27.6 ms
(if applicable)

Test instrument serial number(s)

Loop impedance 100701/4664
Insulation resistance 100701/4664
Continuity 100701/4664
RCD 100701/4664

CIRCUIT DETAILS / TEST RESULTS

Circuit No. and Line No.	Distribution board Designation / Circuit designation	Type of wiring	Ref. method	No. of points	Circuit conductors csa (mm²) L / N	Circuit conductors csa (mm²) CPC	Maximum disconnection	Overcurrent protective devices BS EN Number	Type No.	Rating (A)	Breaking capacity (KA)	RCD operating (mA)	BS 7671 Max. permitted Zs Other 80% (Ω)	Circuit impedance Ω Ring final circuits only (measured end-to-end) r1	rn	r2	Fig 8 check (✓)	All circuits to be completed using R1R2 or R2, not both R1 + R2	R2	Insulation resistance (Record lower reading) Test voltage V	L/L, L/N M(Ω)	L/E, N/E M(Ω)	Polarity (✓)	Max. Measured Zs (Ω)	RCD testing Above 30mA IΔn ms	30mA or below 5 IΔn ms	Manual test button operation RCD (✓)	AFDD (✓)
1/L3	Sockets	A	B	6	2.5	1.5	0.4	60898 MCB	B	10	6	N/A	3.49	N/A	N/A	N/A	N/A	0.14	N/A	250	LIM	>299	✓	0.64	N/A	N/A	N/A	N/A
2/L3	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
3/L3	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
4/L3	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Details of circuits and/or installed equipment vulnerable to damage when testing

Date(s) dead testing 26/07/2022 To 26/07/2022

Date(s) live testing 26/07/2022 To 26/07/2022

Tested by: Name (capital letters) LIAM KIMBLE Position Electrical Test Engineer Date 26/07/2022

Signature

Wiring Types. A PVC/PVC, B PVC cables in metallic Conduit, C PVC cables in non-metallic Conduit, D PVC cables in metallic trunking, E PVC cables in non-metallic trunking, F PVC/SWA cables, G SWA/XPLE cables, H Mineral Insulated, MW Metal Work, FM Ferrous Metal, O Other
A/A1 - Single Core PVC Cables (4D1A), A/A2 - Multicore PVC Cables (4D2A), F/F1 - Single-core armoures PVC SWA Cables (4D3A), F/F2 - PVC SWA Cables (4D4A), A/A3 - PVC Twin & Earth (4D5), O/O1 - LSF single core cables 90°C rated (4E1A), O/O2 - Multi-core LSF cables 90°C rated (4E2A), G/G1 - Single-core armoured XLPE cables or 90°C rated (4E3A), G/G2 - Multi-core armoured XLPE cables or 90°C rated (4E4A), H/H1 - MICC exposed to touch (4G1A)

ELECTRICAL INSTALLATION CONDITION REPORT - Schedule of Tests

for Industrial/Commercial Premises

FT/EICR 110151231

Requirements for Electrical Installations
BS 7671:2018 (IET Wiring Regulations 18th Edition)

Company Name	PHS Compliance	**Company Address**	Kid Glove Road	**Postcode**	WA3 3GR	**Branch No.**	**Scheme No.**
Client	UPP Residential Services Ltd	**Installation Address**	Swansea University Bay Campus - Dryslwyn 1B & Nest 2, Reception - Ground Floor Tower Information Centre, Fabian Way, Crymlyn Burrows, Swansea, West Glamorgan	**Postcode**	SA1 8EN		

Distribution board details - Complete in every case

Location: Room 4 Riser [Schneider]
Designation: DB CL15/12-1
Num. of ways: 4 Num. of phases: 1
Supply polarity confirmed: ☑ Phase sequence confirmed: ☐

Complete only if the distribution board is not connected directly to the origin of the installation

Supply to distribution board is from: Sub Mains(DB CL15, 12/L3)
Overcurrent protective device for the distribution circuit: BS(EN) 61009 RCD/RCBO Type B Rating 32 A Voltage 230 V

Characteristics at this distribution board

Associated RCD(if any): BS (EN) 61008
Z_d 0.27 Ω No. of poles 2
I_{pf} 0.82 kA IΔn 30
Time delay (if applicable) N/A
Operating at 1 IΔn: Above 30mA 28.6 ms
Operating at 5 IΔn: 30mA or below 27.6 ms
(if applicable)

Test instrument serial number(s)

Loop impedance: 100701/4664
Insulation resistance: 100701/4664
Continuity: 100701/4664
RCD: 100701/4664

CIRCUIT DETAILS / TEST RESULTS

Circuit No. and Line No.	Distribution board Designation / Circuit designation	Type of wiring	Ref. method	No. of points	Circuit conductors csa (mm²) L / N	Circuit conductors csa (mm²) CPC	Maximum disconnection	Overcurrent protective devices BS EN Number	Type No.	Rating (A)	Breaking capacity (KA)	RCD operating (mA)	BS 7671 Max. permitted Zs Other 80% (Ω)	Circuit impedance Ω Ring final circuits only (measured end-to-end) r1	rn	r2	Fig 8 check (✓)	All circuits to be completed using R1R2 or R2, not both R1 + R2	R2	Insulation resistance (Record lower reading) Test voltage V	L/L, L/N M(Ω)	L/E, N/E M(Ω)	Polarity (✓)	Max. Measured Zs (Ω)	RCD testing Above 30mA IΔn ms	30mA or below 5 IΔn ms	Manual test button operation RCD (✓)	AFDD (✓)
1/L3	Sockets	A	B	6	2.5	1.5	0.4	60898 MCB	B	10	6	N/A	3.49	N/A	N/A	N/A	N/A	0.10	N/A	250	LIM	>299	✓	0.58	N/A	N/A	N/A	N/A
2/L3	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
3/L3	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
4/L3	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Details of circuits and/or installed equipment vulnerable to damage when testing

Date(s) dead testing: 26/07/2022 To 26/07/2022

Date(s) live testing: 26/07/2022 To 26/07/2022

Tested by: Name (capital letters): LIAM KIMBLE Position: Electrical Test Engineer Date: 26/07/2022

Signature:

Wiring Types. A PVC/PVC, B PVC cables in metallic Conduit, C PVC cables in non-metallic Conduit, D PVC cables in metallic trunking, E PVC cables in non-metallic trunking, F PVC/SWA cables, G SWA/XPLE cables, H Mineral Insulated, MW Metal Work, FM Ferrous Metal, O Other
A/A1 - Single Core PVC Cables (4D1A), A/A2 - Multicore PVC Cables (4D2A), F/F1 - Single-core armoures PVC SWA Cables (4D3A), F/F2 - PVC SWA Cables (4D4A), A/A3 - PVC Twin & Earth (4D5), O/O1 - LSF single core cables 90°C rated (4E1A), O/O2 - Multi-core LSF cables 90°C rated (4E2A), G/G1 - Single-core armoured XLPE cables or 90°C rated (4E3A), G/G2 - Multi-core armoured XLPE cables or 90°C rated (4E4A), H/H1 - MICC exposed to touch (4G1A)

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Company Name	PHS Compliance	**Company Address**	Kid Glove Road	**Postcode**	WA3 3GR	**Branch No.**	**Scheme No.**
Client	UPP Residential Services Ltd	**Installation Address**	Swansea University Bay Campus - Dryslwyn 1B & Nest 2, Reception - Ground Floor Tower Information Centre, Fabian Way, Crymlyn Burrows, Swansea, West Glamorgan	**Postcode**	SA1 8EN		

Distribution board details - Complete in every case

Location: Room 1 Riser [Schneider]
Designation: DB CL15/13
Num. of ways: 4 Num. of phases: 1
Supply polarity confirmed: ☑ Phase sequence confirmed: ☐

Complete only if the distribution board is not connected directly to the origin of the installation

Supply to distribution board is from: Sub Mains(DB CL15, 13/L3)
Overcurrent protective device for the distribution circuit: BS(EN) 61009 RCD/RCBO Type B Rating 32 A Voltage 230 V

Characteristics at this distribution board

Associated RCD(if any): BS (EN) 61008
Z_d 0.44 Ω No. of poles 2
I_{pf} 0.50 kA IΔn 30
Time delay (if applicable) N/A
Operating at 1 IΔn: Above 30mA 28.2 ms
Operating at 5 IΔn: 30mA or below 22.4 ms
(if applicable)

Test instrument serial number(s)

Loop impedance: 100701/4664
Insulation resistance: 100701/4664
Continuity: 100701/4664
RCD: 100701/4664

CIRCUIT DETAILS / TEST RESULTS

Circuit No. and Line No.	Distribution board Designation / Circuit designation	Type of wiring	Ref. method	No. of points	Circuit conductors csa (mm²) L / N	Circuit conductors csa (mm²) CPC	Maximum disconnection	Overcurrent protective devices BS EN Number	Type No.	Rating (A)	Breaking capacity (KA)	RCD operating (mA)	BS 7671 Max. permitted Zs Other 80% (Ω)	Circuit impedance Ω Ring final circuits only (measured end-to-end) r1	rn	r2	Fig 8 check (✓)	All circuits to be completed using R1R2 or R2, not both R1 + R2	R2	Insulation resistance (Record lower reading) Test voltage V	L/L, L/N M(Ω)	L/E, N/E M(Ω)	Polarity (✓)	Max. Measured Zs (Ω)	RCD testing Above 30mA IΔn ms	30mA or below 5 IΔn ms	Manual test button operation RCD (✓)	AFDD (✓)
1/L3	Sockets	A	B	6	2.5	1.5	0.4	60898 MCB	B	10	6	N/A	3.49	N/A	N/A	N/A	N/A	0.16	N/A	250	LIM	>299	✓	0.62	N/A	N/A	N/A	N/A
2/L3	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
3/L3	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
4/L3	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Details of circuits and/or installed equipment vulnerable to damage when testing

Date(s) dead testing: 26/07/2022 To 26/07/2022

Date(s) live testing: 26/07/2022 To 26/07/2022

Tested by: Name (capital letters): LIAM KIMBLE Position: Electrical Test Engineer Date: 26/07/2022

Signature:

Wiring Types. A PVC/PVC, B PVC cables in metallic Conduit, C PVC cables in non-metallic Conduit, D PVC cables in metallic trunking, E PVC cables in non-metallic trunking, F PVC/SWA cables, G SWA/XPLE cables, H Mineral Insulated, MW Metal Work, FM Ferrous Metal, O Other
A/A1 - Single Core PVC Cables (4D1A), A/A2 - Multicore PVC Cables (4D2A), F/F1 - Single-core armoures PVC SWA Cables (4D3A), F/F2 - PVC SWA Cables (4D4A), A/A3 - PVC Twin & Earth (4D5), O/O1 - LSF single core cables 90°C rated (4E1A), O/O2 - Multi-core LSF cables 90°C rated (4E2A), G/G1 - Single-core armoured XLPE cables or 90°C rated (4E3A), G/G2 - Multi-core armoured XLPE cables or 90°C rated (4E4A), H/H1 - MICC exposed to touch (4G1A)

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Company Name	PHS Compliance	**Company Address**	Kid Glove Road	**Postcode**	WA3 3GR	**Branch No.**	**Scheme No.**
Client	UPP Residential Services Ltd	**Installation Address**	Swansea University Bay Campus - Dryslwyn 1B & Nest 2, Reception - Ground Floor Tower Information Centre, Fabian Way, Crymlyn Burrows, Swansea, West Glamorgan	**Postcode**	SA1 8EN		

Distribution board details - Complete in every case

Location: Room X Riser [Schneider]
Designation: DB CL15/13-1
Num. of ways: 4 Num. of phases: 1
Supply polarity confirmed: ☑ Phase sequence confirmed: ☐

Complete only if the distribution board is not connected directly to the origin of the installation

Supply to distribution board is from: Sub Mains(DB CL15, 13/L3)
Overcurrent protective device for the distribution circuit: BS(EN) 61009 RCD/RCBO Type B Rating 32 A Voltage 230 V

Characteristics at this distribution board

Associated RCD(if any): BS (EN) 61008
Z_d 0.44 Ω No. of poles 2
I_{pf} 0.50 kA IΔn 30
Time delay (if applicable) N/A
Operating at 1 IΔn: Above 30mA 28.2 ms
Operating at 5 IΔn: 30mA or below 22.4 ms
(if applicable)

Test instrument serial number(s)

Loop impedance: 100701/4664
Insulation resistance: 100701/4664
Continuity: 100701/4664
RCD: 100701/4664

CIRCUIT DETAILS / TEST RESULTS

Circuit No. and Line No.	Distribution board Designation / Circuit designation	Type of wiring	Ref. method	No. of points	Circuit conductors csa (mm²) L / N	Circuit conductors csa (mm²) CPC	Maximum disconnection	Overcurrent protective devices BS EN Number	Type No.	Rating (A)	Breaking capacity (KA)	RCD operating (mA)	BS 7671 Max. permitted Zs Other 80% (Ω)	Circuit impedance Ω Ring final circuits only (measured end-to-end) r1	rn	r2	Fig 8 check (✓)	All circuits to be completed using R1R2 or R2, not both R1 + R2	R2	Insulation resistance (Record lower reading) Test voltage V	L/L, L/N M(Ω)	L/E, N/E M(Ω)	Polarity (✓)	Max. Measured Zs (Ω)	RCD testing Above 30mA IΔn ms	30mA or below 5 IΔn ms	Manual test button operation RCD (✓)	AFDD (✓)
1/L3	Sockets	A	B	6	2.5	1.5	0.4	60898 MCB	B	10	6	N/A	3.49	N/A	N/A	N/A	N/A	0.12	N/A	250	LIM	>299	✓	0.72	N/A	N/A	N/A	N/A
2/L3	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
3/L3	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
4/L3	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Details of circuits and/or installed equipment vulnerable to damage when testing

Date(s) dead testing: 26/07/2022 To: 26/07/2022

Date(s) live testing: 26/07/2022 To: 26/07/2022

Tested by: Name (capital letters): LIAM KIMBLE Position: Electrical Test Engineer Date: 26/07/2022

Signature

Wiring Types. A PVC/PVC, B PVC cables in metallic Conduit, C PVC cables in non-metallic Conduit, D PVC cables in metallic trunking, E PVC cables in non-metallic trunking, F PVC/SWA cables, G SWA/XPLE cables, H Mineral Insulated, MW Metal Work, FM Ferrous Metal, O Other
A/A1 - Single Core PVC Cables (4D1A), A/A2 - Multicore PVC Cables (4D2A), F/F1 - Single-core armoures PVC SWA Cables (4D3A), F/F2 - PVC SWA Cables (4D4A), A/A3 - PVC Twin & Earth (4D5), O/O1 - LSF single core cables 90°C rated (4E1A), O/O2 - Multi-core LSF cables 90°C rated (4E2A), G/G1 - Single-core armoured XLPE cables or 90°C rated (4E3A), G/G2 - Multi-core armoured XLPE cables or 90°C rated (4E4A), H/H1 - MICC exposed to touch (4G1A)

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Company Name	PHS Compliance	**Company Address**	Kid Glove Road	**Postcode**	WA3 3GR	**Branch No.**	**Scheme No.**
Client	UPP Residential Services Ltd	**Installation Address**	Swansea University Bay Campus - Dryslwyn 1B & Nest 2, Reception - Ground Floor Tower Information Centre, Fabian Way, Crymlyn Burrows, Swansea, West Glamorgan	**Postcode**	SA1 8EN		

Distribution board details - Complete in every case

Location: 2nd Floor Nest
Designation: DB CL11
Num. of ways: 18 Num. of phases: 1
Supply polarity confirmed: ☑ Phase sequence confirmed: ☐

Complete only if the distribution board is not connected directly to the origin of the installation

Supply to distribution board is from: Sub Mains(BB Nest, 5/L1)
Overcurrent protective device for the distribution circuit: BS(EN) 88-2 HRC Type gG Rating 63 A Voltage 230 V

Characteristics at this distribution board

Associated RCD(if any): BS (EN) N/A
Z_d 0.14 Ω No. of poles N/A
I_{pf} 1.6 kA IΔn N/A
Time delay (if applicable) N/A
Above 30mA Operating at 1 IΔn N/A ms
30mA or below Operating at 5 IΔn N/A ms
(if applicable)

Test instrument serial number(s)

Loop impedance 100701/4664
Insulation resistance 100701/4664
Continuity 100701/4664
RCD 100701/4664

CIRCUIT DETAILS / TEST RESULTS

Circuit No. and Line No.	Distribution board Designation / Circuit designation	Type of wiring	Ref. method	No. of points	Circuit conductors csa (mm²) L / N	Circuit conductors csa (mm²) CPC	Maximum disconnection	Overcurrent protective devices BS EN Number	Type No.	Rating (A)	Breaking capacity (KA)	RCD operating (mA)	BS 7671 Max. permitted Zs Other 80% (Ω)	Circuit impedance Ω Ring final circuits only (measured end-to-end) r1	rn	r2	Fig 8 check (✓)	All circuits to be completed using R1R2 or R2, not both R1 + R2	R2	Insulation resistance (Record lower reading) Test voltage V	L/L, L/N M(Ω)	L/E, N/E M(Ω)	Polarity (✓)	Max. Measured Zs (Ω)	RCD testing Above 30mA IΔn ms	30mA or below 5 IΔn ms	Manual test button operation RCD (✓)	AFDD (✓)
1/L1	Bedroom Lighting 8,7	A	E	10	1.5	1	0.4	61009 RCD/RCBO	C	10	10	30	1.75	N/A	N/A	N/A	N/A	0.71	N/A	250	LIM	>299	✓	0.84	28.8	27.2	✓	N/A
2/L1	Bedroom Lighting 6,5	A	E	10	1.5	1	0.4	61009 RCD/RCBO	C	10	10	30	1.75	N/A	N/A	N/A	N/A	0.77	N/A	250	LIM	>299	✓	0.88	28.4	26.0	✓	N/A
3/L1	Bedroom Lighting 2,1	A	E	10	1.5	1	0.4	61009 RCD/RCBO	C	10	10	30	1.75	N/A	N/A	N/A	N/A	0.58	N/A	250	LIM	>299	✓	0.72	25.4	27.4	✓	N/A
4/L1	Bedroom Lighting 4,2	A	E	10	1.5	1	0.4	61009 RCD/RCBO	C	10	10	30	1.75	N/A	N/A	N/A	N/A	0.52	N/A	250	LIM	>299	✓	0.68	28.6	27.2	✓	N/A
5/L1	Common Room Lights	A	E	6	1.5	1	0.4	61009 RCD/RCBO	C	10	10	30	1.75	N/A	N/A	N/A	N/A	0.22	N/A	250	LIM	>299	✓	0.40	28.8	26.4	✓	N/A
6/L1	Common Room Ring	A	E	10	2x2.5	2x1.5	0.4	61009 RCD/RCBO	B	32	10	30	1.09	0.44	0.44	0.56	✓	0.25	N/A	250	LIM	>299	✓	0.40	28.4	27.4	✓	N/A
7/L1	Common Room Ring 2	A	E	6	2x2.5	2x1.5	0.4	61009 RCD/RCBO	B	32	10	30	1.09	0.37	0.37	0.49	✓	0.22	N/A	250	LIM	>299	✓	0.35	28.8	17.2	✓	N/A
8/L1	Isolated	A	E	LIM	10	4	0.4	61009 RCD/RCBO	B	32	10	30	1.09	N/A	N/A	N/A	N/A	LIM	N/A	250	LIM	>299	LIM	LIM	LIM	LIM	LIM	N/A
9/L1	Isolated	A	E	LIM	10	4	0.4	61009 RCD/RCBO	B	32	10	30	1.09	N/A	N/A	N/A	N/A	LIM	N/A	250	LIM	>299	LIM	LIM	LIM	LIM	LIM	N/A
10/L1	Sub Mains(DB CL11/10, DB CL11/10-1)	A	E	2	2x2.5	2x1.5	5	61009 RCD/RCBO	B	32	10	30	1.09	0.30	0.30	0.48	✓	0.20	N/A	250	LIM	>299	✓	0.39	28.2	20.4	✓	N/A
11/L1	Sub Mains(DB CL11/11, DB CL11/11-1)	A	E	2	2x2.5	2x1.5	5	61009 RCD/RCBO	B	32	10	30	1.09	0.33	0.33	0.44	✓	0.19	N/A	250	LIM	>299	✓	0.42	28.8	22.4	✓	N/A
12/L1	Sub Mains(DB CL11/12, DB CL11/12-1)	A	E	2	2x2.5	2x1.5	5	61009 RCD/RCBO	B	32	10	30	1.09	0.26	0.26	0.46	✓	0.18	N/A	250	LIM	>299	✓	0.36	28.6	27.2	✓	N/A
13/L1	Sub Mains(DB CL11/13, DB CL11/13-1)	A	E	2	2x2.5	2x1.5	5	61009 RCD/RCBO	B	32	10	30	1.09	0.40	0.40	0.66	✓	0.27	N/A	250	LIM	>299	✓	0.40	28.4	26.4	✓	N/A

Details of circuits and/or installed equipment vulnerable to damage when testing

Date(s) dead testing: 15/08/2022 To: 15/08/2022
Date(s) live testing: 15/08/2022 To: 15/08/2022

Tested by: Name (capital letters): LIAM KIMBLE Position: Electrical Test Engineer Date: 15/08/2022
Signature:

Wiring Types. A PVC/PVC, B PVC cables in metallic Conduit, C PVC cables in non-metallic Conduit, D PVC cables in metallic trunking, E PVC cables in non-metallic trunking, F PVC/SWA cables, G SWA/XPLE cables, H Mineral Insulated, MW Metal Work, FM Ferrous Metal, O Other
A/A1 - Single Core PVC Cables (4D1A), A/A2 - Multicore PVC Cables (4D2A), F/F1 - Single-core armoures PVC SWA Cables (4D3A), F/F2 - PVC SWA Cables (4D4A), A/A3 - PVC Twin & Earth (4D5), O/O1 - LSF single core cables 90°C rated (4E1A), O/O2 - Multi-core LSF cables 90°C rated (4E2A), G/G1 - Single-core armoured XLPE cables or 90°C rated (4E3A), G/G2 - Multi-core armoured XLPE cables or 90°C rated (4E4A), H/H1 - MICC exposed to touch (4G1A)

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CIRCUIT DETAILS														TEST RESULTS																
Circuit No. and Line No.	Distribution board Designation / Circuit designation	Type of wiring	Ref. method	No. of points	Circuit conductors csa (mm²) L / N	Circuit conductors csa (mm²) CPC	Maximum disconnection	Overcurrent protective devices BS EN Number	Overcurrent protective devices Type No.	Overcurrent protective devices Rating (A)	Breaking capacity (KA)	RCD operating (mA)	BS 7671 Max. permitted Zs Other 80% (Ω)	Circuit impedance Ω Ring final circuits only (measured end-to-end) r1	rn	r2	Fig 8 check (✓)	All circuits to be completed using R1R2 or R2, not both R1 + R2	R2	Insulation resistance (Record lower reading) Test voltage V	L/L, L/N M(Ω)	L/E, N/E M(Ω)	Polarity (✓)	Max. Measured Zs (Ω)	RCD testing Above 30mA IΔn ms	30mA or below 5 IΔn ms	Manual test button operation RCD (✓)	AFDD (✓)
14/L1	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
15/L1	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
16/L1	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
17/L1	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
18/L1	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Details of circuits and/or installed equipment vulnerable to damage when testing

Date(s) dead testing 15/08/2022 To 15/08/2022

Date(s) live testing 15/08/2022 To 15/08/2022

Tested by: Name (capital letters) LIAM KIMBLE

Position Electrical Test Engineer

Date 15/08/2022

Signature

Wiring Types. A PVC/PVC, B PVC cables in metallic Conduit, C PVC cables in non-metallic Conduit, D PVC cables in metallic trunking, E PVC cables in non-metallic trunking, F PVC/SWA cables, G SWA/XPLE cables, H Mineral Insulated, MW Metal Work, FM Ferrous Metal, O Other
A/A1 - Single Core PVC Cables (4D1A), A/A2 - Multicore PVC Cables (4D2A), F/F1 - Single-core armoures PVC SWA Cables (4D3A), F/F2 - PVC SWA Cables (4D4A), A/A3 - PVC Twin & Earth (4D5), O/O1 - LSF single core cables 90°C rated (4E1A), O/O2 - Multi-core LSF cables 90°C rated (4E2A), G/G1 - Single-core armoured XLPE cables or 90°C rated (4E3A), G/G2 - Multi-core armoured XLPE cables or 90°C rated (4E4A), H/H1 - MICC exposed to touch (4G1A)

ELECTRICAL INSTALLATION CONDITION REPORT - Schedule of Tests

for Industrial/Commercial Premises

FT/EICR 110151231

Requirements for Electrical Installations
BS 7671:2018 (IET Wiring Regulations 18th Edition)

Company Name	PHS Compliance	**Company Address**	Kid Glove Road	**Postcode**	WA3 3GR	**Branch No.**	**Scheme No.**
Client	UPP Residential Services Ltd	**Installation Address**	Swansea University Bay Campus - Dryslwyn 1B & Nest 2, Reception - Ground Floor Tower Information Centre, Fabian Way, Crymlyn Burrows, Swansea, West Glamorgan	**Postcode**	SA1 8EN		

Distribution board details - Complete in every case

Location: Room 8 Riser [Schneider]
Designation: DB CL11/10
Num. of ways: 4 Num. of phases: 1
Supply polarity confirmed: ☑ Phase sequence confirmed: ☐

Complete only if the distribution board is not connected directly to the origin of the installation

Supply to distribution board is from: Sub Mains(DB CL11, 10/L1)
Overcurrent protective device for the distribution circuit: BS(EN) 61009 RCD/RCBO Type B Rating 32 A Voltage 230 V

Characteristics at this distribution board

Associated RCD(if any): BS (EN) 61008
Z_d 0.39 Ω No. of poles 2
I_{pf} 0.60 kA IΔn 30
Time delay (if applicable) N/A
Operating at 1 IΔn Above 30mA 28.2 ms
Operating at 5 IΔn 30mA or below 20.4 ms
(if applicable)

Test instrument serial number(s)

Loop impedance 100701/4664
Insulation resistance 100701/4664
Continuity 100701/4664
RCD 100701/4664

CIRCUIT DETAILS / TEST RESULTS

Circuit No. and Line No.	Distribution board Designation / Circuit designation	Type of wiring	Ref. method	No. of points	Circuit conductors csa (mm²) L / N	Circuit conductors csa (mm²) CPC	Maximum disconnection	Overcurrent protective devices BS EN Number	Type No.	Rating (A)	Breaking capacity (KA)	RCD operating (mA)	BS 7671 Max. permitted Zs Other 80% (Ω)	Circuit impedance Ω Ring final circuits only (measured end-to-end) r1	rn	r2	Fig 8 check (✓)	All circuits to be completed using R1R2 or R2, not both R1 + R2	R2	Insulation resistance (Record lower reading) Test voltage V	L/L, L/N M(Ω)	L/E, N/E M(Ω)	Polarity (✓)	Max. Measured Zs (Ω)	RCD testing Above 30mA IΔn ms	30mA or below 5 IΔn ms	Manual test button operation RCD (✓)	AFDD (✓)
1/L1	Sockets	A	B	6	2.5	1.5	0.4	60898 MCB	B	10	6	N/A	3.49	N/A	N/A	N/A	N/A	0.18	N/A	250	LIM	>299	✓	0.68	N/A	N/A	N/A	N/A
2/L1	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
3/L1	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
4/L1	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Details of circuits and/or installed equipment vulnerable to damage when testing

Date(s) dead testing 26/07/2022 To 26/07/2022

Date(s) live testing 26/07/2022 To 26/07/2022

Tested by: Name (capital letters) LIAM KIMBLE Position Electrical Test Engineer Date 26/07/2022

Signature

Wiring Types. A PVC/PVC, B PVC cables in metallic Conduit, C PVC cables in non-metallic Conduit, D PVC cables in metallic trunking, E PVC cables in non-metallic trunking, F PVC/SWA cables, G SWA/XPLE cables, H Mineral Insulated, MW Metal Work, FM Ferrous Metal, O Other
A/A1 - Single Core PVC Cables (4D1A), A/A2 - Multicore PVC Cables (4D2A), F/F1 - Single-core armoures PVC SWA Cables (4D3A), F/F2 - PVC SWA Cables (4D4A), A/A3 - PVC Twin & Earth (4D5), O/O1 - LSF single core cables 90°C rated (4E1A), O/O2 - Multi-core LSF cables 90°C rated (4E2A), G/G1 - Single-core armoured XLPE cables or 90°C rated (4E3A), G/G2 - Multi-core armoured XLPE cables or 90°C rated (4E4A), H/H1 - MICC exposed to touch (4G1A)

ELECTRICAL INSTALLATION CONDITION REPORT - Schedule of Tests

for Industrial/Commercial Premises

FT/EICR 110151231

Requirements for Electrical Installations
BS 7671:2018 (IET Wiring Regulations 18th Edition)

Company Name	PHS Compliance	**Company Address**	Kid Glove Road	**Postcode**	WA3 3GR	**Branch No.**	**Scheme No.**
Client	UPP Residential Services Ltd	**Installation Address**	Swansea University Bay Campus - Dryslwyn 1B & Nest 2, Reception - Ground Floor Tower Information Centre, Fabian Way, Crymlyn Burrows, Swansea, West Glamorgan	**Postcode**	SA1 8EN		

Distribution board details - Complete in every case

Location: Room 7 Riser [Schneider]
Designation: DB CL11/10-1
Num. of ways: 4 Num. of phases: 1
Supply polarity confirmed: ☑ Phase sequence confirmed: ☐

Complete only if the distribution board is not connected directly to the origin of the installation

Supply to distribution board is from: Sub Mains(DB CL11, 10/L1)
Overcurrent protective device for the distribution circuit: BS(EN) 61009 RCD/RCBO Type B Rating 32 A Voltage 230 V

Characteristics at this distribution board

Associated RCD(if any): BS (EN) 61008
Z_d 0.39 Ω No. of poles 2
I_{pf} 0.60 kA IΔn 30
Time delay (if applicable) N/A
Operating at 1 IΔn: Above 30mA 28.2 ms
Operating at 5 IΔn: 30mA or below 20.4 ms
(if applicable)

Test instrument serial number(s)

Loop impedance: 100701/4664
Insulation resistance: 100701/4664
Continuity: 100701/4664
RCD: 100701/4664

CIRCUIT DETAILS / TEST RESULTS

Circuit No. and Line No.	Distribution board Designation / Circuit designation	Type of wiring	Ref. method	No. of points	Circuit conductors csa (mm²) L / N	Circuit conductors csa (mm²) CPC	Maximum disconnection	Overcurrent protective devices BS EN Number	Type No.	Rating (A)	Breaking capacity (KA)	RCD operating (mA)	BS 7671 Max. permitted Zs Other 80% (Ω)	Circuit impedance Ω Ring final circuits only (measured end-to-end) r1	rn	r2	Fig 8 check (✓)	All circuits to be completed using R1R2 or R2, not both R1 + R2	R2	Insulation resistance (Record lower reading) Test voltage V	L/L, L/N M(Ω)	L/E, N/E M(Ω)	Polarity (✓)	Max. Measured Zs (Ω)	RCD testing Above 30mA IΔn ms	30mA or below 5 IΔn ms	Manual test button operation RCD (✓)	AFDD (✓)
1/L1	Sockets	A	B	6	2.5	1.5	0.4	60898 MCB	B	10	6	N/A	3.49	N/A	N/A	N/A	N/A	0.20	N/A	250	LIM	>299	✓	0.74	N/A	N/A	N/A	N/A
2/L1	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
3/L1	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
4/L1	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Details of circuits and/or installed equipment vulnerable to damage when testing

Date(s) dead testing: 26/07/2022 To 26/07/2022

Date(s) live testing: 26/07/2022 To 26/07/2022

Tested by: Name (capital letters): LIAM KIMBLE Position: Electrical Test Engineer Date: 26/07/2022

Signature:

Wiring Types. A PVC/PVC, B PVC cables in metallic Conduit, C PVC cables in non-metallic Conduit, D PVC cables in metallic trunking, E PVC cables in non-metallic trunking, F PVC/SWA cables, G SWA/XPLE cables, H Mineral Insulated, MW Metal Work, FM Ferrous Metal, O Other
A/A1 - Single Core PVC Cables (4D1A), A/A2 - Multicore PVC Cables (4D2A), F/F1 - Single-core armoures PVC SWA Cables (4D3A), F/F2 - PVC SWA Cables (4D4A), A/A3 - PVC Twin & Earth (4D5), O/O1 - LSF single core cables 90°C rated (4E1A), O/O2 - Multi-core LSF cables 90°C rated (4E2A), G/G1 - Single-core armoured XLPE cables or 90°C rated (4E3A), G/G2 - Multi-core armoured XLPE cables or 90°C rated (4E4A), H/H1 - MICC exposed to touch (4G1A)

ELECTRICAL INSTALLATION CONDITION REPORT - Schedule of Tests

for Industrial/Commercial Premises

FT/EICR 110151231

Requirements for Electrical Installations
BS 7671:2018 (IET Wiring Regulations 18th Edition)

Company Name	PHS Compliance	**Company Address**	Kid Glove Road	**Postcode**	WA3 3GR	**Branch No.**	**Scheme No.**
Client	UPP Residential Services Ltd	**Installation Address**	Swansea University Bay Campus - Dryslwyn 1B & Nest 2, Reception - Ground Floor Tower Information Centre, Fabian Way, Crymlyn Burrows, Swansea, West Glamorgan	**Postcode**	SA1 8EN		

Distribution board details - Complete in every case

Location: Room 6 Riser [Schneider]
Designation: DB CL11/11
Num. of ways: 4 Num. of phases: 1
Supply polarity confirmed: ☑ Phase sequence confirmed: ☐

Complete only if the distribution board is not connected directly to the origin of the installation

Supply to distribution board is from: Sub Mains(DB CL11, 11/L1)
Overcurrent protective device for the distribution circuit: BS(EN) 61009 RCD/RCBO Type B Rating 32 A Voltage 230 V

Characteristics at this distribution board

Associated RCD(if any): BS (EN) 61008
Z_d 0.42 Ω No. of poles 2
I_{pf} 0.52 kA IΔn 30
Time delay (if applicable) N/A
Operating at 1 IΔn: Above 30mA 28.8 ms
Operating at 5 IΔn: 30mA or below 22.4 ms
(if applicable)

Test instrument serial number(s)

Loop impedance: 100701/4664
Insulation resistance: 100701/4664
Continuity: 100701/4664
RCD: 100701/4664

CIRCUIT DETAILS / TEST RESULTS

Circuit No. and Line No.	Distribution board Designation / Circuit designation	Type of wiring	Ref. method	No. of points	Circuit conductors csa (mm²) L / N	Circuit conductors csa (mm²) CPC	Maximum disconnection	Overcurrent protective devices BS EN Number	Type No.	Rating (A)	Breaking capacity (KA)	RCD operating (mA)	BS 7671 Max. permitted Zs Other 80% (Ω)	Circuit impedance Ω Ring final circuits only (measured end-to-end) r1	rn	r2	Fig 8 check (✓)	All circuits to be completed using R1R2 or R2, not both R1 + R2	R2	Insulation resistance (Record lower reading) Test voltage V	L/L, L/N M(Ω)	L/E, N/E M(Ω)	Polarity (✓)	Max. Measured Zs (Ω)	RCD testing Above 30mA IΔn ms	30mA or below 5 IΔn ms	Manual test button operation RCD (✓)	AFDD (✓)
1/L1	Sockets	A	B	6	2.5	1.5	0.4	60898 MCB	B	10	6	N/A	3.49	N/A	N/A	N/A	N/A	0.14	N/A	250	LIM	>299	✓	0.58	N/A	N/A	N/A	N/A
2/L1	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
3/L1	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
4/L1	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Details of circuits and/or installed equipment vulnerable to damage when testing

Date(s) dead testing: 26/07/2022 To 26/07/2022

Date(s) live testing: 26/07/2022 To 26/07/2022

Tested by: Name (capital letters): LIAM KIMBLE Position: Electrical Test Engineer Date: 26/07/2022

Signature

Wiring Types. A PVC/PVC, B PVC cables in metallic Conduit, C PVC cables in non-metallic Conduit, D PVC cables in metallic trunking, E PVC cables in non-metallic trunking, F PVC/SWA cables, G SWA/XPLE cables, H Mineral Insulated, MW Metal Work, FM Ferrous Metal, O Other
A/A1 - Single Core PVC Cables (4D1A), A/A2 - Multicore PVC Cables (4D2A), F/F1 - Single-core armoures PVC SWA Cables (4D3A), F/F2 - PVC SWA Cables (4D4A), A/A3 - PVC Twin & Earth (4D5), O/O1 - LSF single core cables 90°C rated (4E1A), O/O2 - Multi-core LSF cables 90°C rated (4E2A), G/G1 - Single-core armoured XLPE cables or 90°C rated (4E3A), G/G2 - Multi-core armoured XLPE cables or 90°C rated (4E4A), H/H1 - MICC exposed to touch (4G1A)

ELECTRICAL INSTALLATION CONDITION REPORT - Schedule of Tests

for Industrial/Commercial Premises

FT/EICR 110151231

Requirements for Electrical Installations
BS 7671:2018 (IET Wiring Regulations 18th Edition)

Company Name	PHS Compliance	**Company Address**	Kid Glove Road	**Postcode**	WA3 3GR	**Branch No.**	**Scheme No.**
Client	UPP Residential Services Ltd	**Installation Address**	Swansea University Bay Campus - Dryslwyn 1B & Nest 2, Reception - Ground Floor Tower Information Centre, Fabian Way, Crymlyn Burrows, Swansea, West Glamorgan	**Postcode**	SA1 8EN		

Distribution board details - Complete in every case

Location: Room 5 Riser [Schneider]
Designation: DB CL11/11-1
Num. of ways: 4 Num. of phases: 1
Supply polarity confirmed: ☑ Phase sequence confirmed: ☐

Complete only if the distribution board is not connected directly to the origin of the installation

Supply to distribution board is from: Sub Mains(DB CL11, 11/L1)
Overcurrent protective device for the distribution circuit: BS(EN) 61009 RCD/RCBO Type B Rating 32 A Voltage 230 V

Characteristics at this distribution board

Associated RCD(if any): BS (EN) 61008
Z_d 0.42 Ω No. of poles 2
I_{pf} 0.52 kA IΔn 30
Time delay (if applicable) N/A
Operating at 1 IΔn: Above 30mA 28.8 ms
Operating at 5 IΔn: 30mA or below 22.4 ms
(if applicable)

Test instrument serial number(s)

Loop impedance: 100701/4664
Insulation resistance: 100701/4664
Continuity: 100701/4664
RCD: 100701/4664

CIRCUIT DETAILS / TEST RESULTS

Circuit No. and Line No.	Distribution board Designation / Circuit designation	Type of wiring	Ref. method	No. of points	Circuit conductors csa (mm²) L / N	Circuit conductors csa (mm²) CPC	Maximum disconnection	Overcurrent protective devices BS EN Number	Type No.	Rating (A)	Breaking capacity (KA)	RCD operating (mA)	BS 7671 Max. permitted Zs Other 80% (Ω)	Circuit impedance Ω Ring final circuits only (measured end-to-end) r1	rn	r2	Fig 8 check (✓)	All circuits to be completed using R1R2 or R2, not both R1 + R2	R2	Insulation resistance (Record lower reading) Test voltage V	L/L, L/N M(Ω)	L/E, N/E M(Ω)	Polarity (✓)	Max. Measured Zs (Ω)	RCD testing Above 30mA IΔn ms	30mA or below 5 IΔn ms	Manual test button operation RCD (✓)	AFDD (✓)
1/L1	Sockets	A	B	6	2.5	1.5	0.4	60898 MCB	B	10	6	N/A	3.49	N/A	N/A	N/A	N/A	0.18	N/A	250	LIM	>299	✓	0.66	N/A	N/A	N/A	N/A
2/L1	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
3/L1	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
4/L1	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Details of circuits and/or installed equipment vulnerable to damage when testing

Date(s) dead testing: 26/07/2022 To 26/07/2022

Date(s) live testing: 26/07/2022 To 26/07/2022

Tested by: Name (capital letters): LIAM KIMBLE Position: Electrical Test Engineer Date: 26/07/2022

Signature:

Wiring Types. A PVC/PVC, B PVC cables in metallic Conduit, C PVC cables in non-metallic Conduit, D PVC cables in metallic trunking, E PVC cables in non-metallic trunking, F PVC/SWA cables, G SWA/XPLE cables, H Mineral Insulated, MW Metal Work, FM Ferrous Metal, O Other
A/A1 - Single Core PVC Cables (4D1A), A/A2 - Multicore PVC Cables (4D2A), F/F1 - Single-core armoures PVC SWA Cables (4D3A), F/F2 - PVC SWA Cables (4D4A), A/A3 - PVC Twin & Earth (4D5), O/O1 - LSF single core cables 90°C rated (4E1A), O/O2 - Multi-core LSF cables 90°C rated (4E2A), G/G1 - Single-core armoured XLPE cables or 90°C rated (4E3A), G/G2 - Multi-core armoured XLPE cables or 90°C rated (4E4A), H/H1 - MICC exposed to touch (4G1A)

ELECTRICAL INSTALLATION CONDITION REPORT - Schedule of Tests

for Industrial/Commercial Premises

FT/EICR 110151231

Requirements for Electrical Installations
BS 7671:2018 (IET Wiring Regulations 18th Edition)

Company Name	PHS Compliance	**Company Address**	Kid Glove Road	**Postcode**	WA3 3GR	**Branch No.**	**Scheme No.**
Client	UPP Residential Services Ltd	**Installation Address**	Swansea University Bay Campus - Dryslwyn 1B & Nest 2, Reception - Ground Floor Tower Information Centre, Fabian Way, Crymlyn Burrows, Swansea, West Glamorgan	**Postcode**	SA1 8EN		

Distribution board details - Complete in every case

Location: Room 2 Riser [Schneider]
Designation: DB CL11/12
Num. of ways: 4 Num. of phases: 1
Supply polarity confirmed: ☑ Phase sequence confirmed: ☐

Complete only if the distribution board is not connected directly to the origin of the installation

Supply to distribution board is from: Sub Mains(DB CL11, 12/L1)
Overcurrent protective device for the distribution circuit: BS(EN) 61009 RCD/RCBO Type B Rating 32 A Voltage 230 V

Characteristics at this distribution board

Associated RCD(if any): BS (EN) 61008
Z_d 0.36 Ω No. of poles 2
I_{pf} 0.61 kA IΔn 30
Time delay (if applicable) N/A
Operating at 1 IΔn Above 30mA 28.6 ms
Operating at 5 IΔn 30mA or below 27.2 ms
(if applicable)

Test instrument serial number(s)

Loop impedance 100701/4664
Insulation resistance 100701/4664
Continuity 100701/4664
RCD 100701/4664

CIRCUIT DETAILS / TEST RESULTS

Circuit No. and Line No.	Distribution board Designation / Circuit designation	Type of wiring	Ref. method	No. of points	Circuit conductors csa (mm²) L / N	Circuit conductors csa (mm²) CPC	Maximum disconnection	Overcurrent protective devices BS EN Number	Type No.	Rating (A)	Breaking capacity (KA)	RCD operating (mA)	BS 7671 Max. permitted Zs Other 80% (Ω)	Circuit impedance Ω Ring final circuits only (measured end-to-end) r1	rn	r2	Fig 8 check (✓)	All circuits to be completed using R1R2 or R2, not both R1 + R2	R2	Insulation resistance (Record lower reading) Test voltage V	L/L, L/N M(Ω)	L/E, N/E M(Ω)	Polarity (✓)	Max. Measured Zs (Ω)	RCD testing Above 30mA IΔn ms	30mA or below 5 IΔn ms	Manual test button operation RCD (✓)	AFDD (✓)
1/L1	Sockets	A	B	6	2.5	1.5	0.4	60898 MCB	B	10	6	N/A	3.49	N/A	N/A	N/A	N/A	0.12	N/A	250	LIM	>299	✓	0.66	N/A	N/A	N/A	N/A
2/L1	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
3/L1	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
4/L1	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Details of circuits and/or installed equipment vulnerable to damage when testing

Date(s) dead testing 26/07/2022 To 26/07/2022

Date(s) live testing 26/07/2022 To 26/07/2022

Tested by: Name (capital letters) LIAM KIMBLE Position Electrical Test Engineer Date 26/07/2022

Signature

Wiring Types. A PVC/PVC, B PVC cables in metallic Conduit, C PVC cables in non-metallic Conduit, D PVC cables in metallic trunking, E PVC cables in non-metallic trunking, F PVC/SWA cables, G SWA/XPLE cables, H Mineral Insulated, MW Metal Work, FM Ferrous Metal, O Other
A/A1 - Single Core PVC Cables (4D1A), A/A2 - Multicore PVC Cables (4D2A), F/F1 - Single-core armoures PVC SWA Cables (4D3A), F/F2 - PVC SWA Cables (4D4A), A/A3 - PVC Twin & Earth (4D5), O/O1 - LSF single core cables 90°C rated (4E1A), O/O2 - Multi-core LSF cables 90°C rated (4E2A), G/G1 - Single-core armoured XLPE cables or 90°C rated (4E3A), G/G2 - Multi-core armoured XLPE cables or 90°C rated (4E4A), H/H1 - MICC exposed to touch (4G1A)

ELECTRICAL INSTALLATION CONDITION REPORT - Schedule of Tests

for Industrial/Commercial Premises

FT/EICR 110151231

Requirements for Electrical Installations
BS 7671:2018 (IET Wiring Regulations 18th Edition)

Company Name	PHS Compliance	**Company Address**	Kid Glove Road	**Postcode**	WA3 3GR	**Branch No.**	**Scheme No.**
Client	UPP Residential Services Ltd	**Installation Address**	Swansea University Bay Campus - Dryslwyn 1B & Nest 2, Reception - Ground Floor Tower Information Centre, Fabian Way, Crymlyn Burrows, Swansea, West Glamorgan	**Postcode**	SA1 8EN		

Distribution board details - Complete in every case

Location: Room 1 Riser [Schneider]
Designation: DB CL11/12-1
Num. of ways: 4 Num. of phases: 1
Supply polarity confirmed: ☑ Phase sequence confirmed: ☐

Complete only if the distribution board is not connected directly to the origin of the installation

Supply to distribution board is from: Sub Mains(DB CL11, 12/L1)
Overcurrent protective device for the distribution circuit: BS(EN) 61009 RCD/RCBO Type B Rating 32 A Voltage 230 V

Characteristics at this distribution board

Associated RCD(if any): BS (EN) 61008
Z_d 0.36 Ω No. of poles 2
I_{pf} 0.61 kA IΔn 30
Time delay (if applicable) N/A
Operating at 1 IΔn Above 30mA 28.6 ms
Operating at 5 IΔn 30mA or below 27.2 ms
(if applicable)

Test instrument serial number(s)

Loop impedance 100701/4664
Insulation resistance 100701/4664
Continuity 100701/4664
RCD 100701/4664

CIRCUIT DETAILS / TEST RESULTS

Circuit No. and Line No.	Distribution board Designation / Circuit designation	Type of wiring	Ref. method	No. of points	Circuit conductors csa (mm²) L / N	Circuit conductors csa (mm²) CPC	Maximum disconnection	Overcurrent protective devices BS EN Number	Type No.	Rating (A)	Breaking capacity (KA)	RCD operating (mA)	BS 7671 Max. permitted Zs Other 80% (Ω)	Circuit impedance Ω Ring final circuits only (measured end-to-end) r1	rn	r2	Fig 8 check (✓)	All circuits to be completed using R1R2 or R2, not both R1 + R2	R2	Insulation resistance (Record lower reading) Test voltage V	L/L, L/N M(Ω)	L/E, N/E M(Ω)	Polarity (✓)	Max. Measured Zs (Ω)	RCD testing Above 30mA IΔn ms	30mA or below 5 IΔn ms	Manual test button operation RCD (✓)	AFDD (✓)
1/L1	Sockets	A	B	6	2.5	1.5	0.4	60898 MCB	B	10	6	N/A	3.49	N/A	N/A	N/A	N/A	0.15	N/A	250	LIM	>299	✓	0.70	N/A	N/A	N/A	N/A
2/L1	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
3/L1	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
4/L1	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Details of circuits and/or installed equipment vulnerable to damage when testing

Date(s) dead testing 26/07/2022 To 26/07/2022

Date(s) live testing 26/07/2022 To 26/07/2022

Tested by: Name (capital letters) LIAM KIMBLE Position Electrical Test Engineer Date 26/07/2022

Signature

Wiring Types. A PVC/PVC, B PVC cables in metallic Conduit, C PVC cables in non-metallic Conduit, D PVC cables in metallic trunking, E PVC cables in non-metallic trunking, F PVC/SWA cables, G SWA/XPLE cables, H Mineral Insulated, MW Metal Work, FM Ferrous Metal, O Other
A/A1 - Single Core PVC Cables (4D1A), A/A2 - Multicore PVC Cables (4D2A), F/F1 - Single-core armoures PVC SWA Cables (4D3A), F/F2 - PVC SWA Cables (4D4A), A/A3 - PVC Twin & Earth (4D5), O/O1 - LSF single core cables 90°C rated (4E1A), O/O2 - Multi-core LSF cables 90°C rated (4E2A), G/G1 - Single-core armoured XLPE cables or 90°C rated (4E3A), G/G2 - Multi-core armoured XLPE cables or 90°C rated (4E4A), H/H1 - MICC exposed to touch (4G1A)

ELECTRICAL INSTALLATION CONDITION REPORT - Schedule of Tests

for Industrial/Commercial Premises

FT/EICR 110151231

Requirements for Electrical Installations
BS 7671:2018 (IET Wiring Regulations 18th Edition)

Company Name	PHS Compliance	**Company Address**	Kid Glove Road	**Postcode**	WA3 3GR	**Branch No.**	**Scheme No.**
Client	UPP Residential Services Ltd	**Installation Address**	Swansea University Bay Campus - Dryslwyn 1B & Nest 2, Reception - Ground Floor Tower Information Centre, Fabian Way, Crymlyn Burrows, Swansea, West Glamorgan	**Postcode**	SA1 8EN		

Distribution board details - Complete in every case

Location: Room 4 Riser [Schneider]
Designation: DB CL11/13
Num. of ways: 4 Num. of phases: 1
Supply polarity confirmed: ☑ Phase sequence confirmed: ☐

Complete only if the distribution board is not connected directly to the origin of the installation

Supply to distribution board is from: Sub Mains(DB CL11, 13/L1)
Overcurrent protective device for the distribution circuit: BS(EN) 61009 RCD/RCBO Type B Rating 32 A Voltage 230 V

Characteristics at this distribution board

Associated RCD(if any): BS (EN) 61008
Z_d 0.40 Ω No. of poles 2
I_{pf} 0.59 kA IΔn 30
Time delay (if applicable) N/A
Operating at 1 IΔn: Above 30mA 28.4 ms
Operating at 5 IΔn: 30mA or below 26.4 ms
(if applicable)

Test instrument serial number(s)

Loop impedance: 100701/4664
Insulation resistance: 100701/4664
Continuity: 100701/4664
RCD: 100701/4664

CIRCUIT DETAILS / TEST RESULTS

Circuit No. and Line No.	Distribution board Designation: DB CL11/13 / Circuit designation	Type of wiring	Ref. method	No. of points	Circuit conductors csa (mm²) L / N	Circuit conductors csa (mm²) CPC	Maximum disconnection	Overcurrent protective devices BS EN Number	Type No.	Rating (A)	Breaking capacity (KA)	RCD operating (mA)	BS 7671 Max. permitted Zs Other 80% (Ω)	Circuit impedance Ω: Ring final circuits only (measured end-to-end) r1	rn	r2	Fig 8 check (✓)	All circuits to be completed using R1R2 or R2, not both: R1 + R2	R2	Insulation resistance (Record lower reading): Test voltage V	L/L, L/N M(Ω)	L/E, N/E M(Ω)	Polarity (✓)	Max. Measured Zs (Ω)	RCD testing: Above 30mA IΔn ms	30mA or below 5 IΔn ms	Manual test button operation: RCD (✓)	AFDD (✓)
1/L1	Sockets	A	B	6	2.5	1.5	0.4	60898 MCB	B	10	6	N/A	3.49	N/A	N/A	N/A	N/A	0.11	N/A	250	LIM	>299	✓	0.59	N/A	N/A	N/A	N/A
2/L1	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
3/L1	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
4/L1	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Details of circuits and/or installed equipment vulnerable to damage when testing

Date(s) dead testing: 26/07/2022 To 26/07/2022

Date(s) live testing: 26/07/2022 To 26/07/2022

Tested by: Name (capital letters): LIAM KIMBLE Position: Electrical Test Engineer Date: 26/07/2022

Signature:

Wiring Types. A PVC/PVC, B PVC cables in metallic Conduit, C PVC cables in non-metallic Conduit, D PVC cables in metallic trunking, E PVC cables in non-metallic trunking, F PVC/SWA cables, G SWA/XPLE cables, H Mineral Insulated, MW Metal Work, FM Ferrous Metal, O Other
A/A1 - Single Core PVC Cables (4D1A), A/A2 - Multicore PVC Cables (4D2A), F/F1 - Single-core armoures PVC SWA Cables (4D3A), F/F2 - PVC SWA Cables (4D4A), A/A3 - PVC Twin & Earth (4D5), O/O1 - LSF single core cables 90°C rated (4E1A), O/O2 - Multi-core LSF cables 90°C rated (4E2A), G/G1 - Single-core armoured XLPE cables or 90°C rated (4E3A), G/G2 - Multi-core armoured XLPE cables or 90°C rated (4E4A), H/H1 - MICC exposed to touch (4G1A)

ELECTRICAL INSTALLATION CONDITION REPORT - Schedule of Tests

for Industrial/Commercial Premises

FT/EICR 110151231

Requirements for Electrical Installations
BS 7671:2018 (IET Wiring Regulations 18th Edition)

Company Name	PHS Compliance	**Company Address**	Kid Glove Road	**Postcode**	WA3 3GR	**Branch No.**	**Scheme No.**
Client	UPP Residential Services Ltd	**Installation Address**	Swansea University Bay Campus - Dryslwyn 1B & Nest 2, Reception - Ground Floor Tower Information Centre, Fabian Way, Crymlyn Burrows, Swansea, West Glamorgan	**Postcode**	SA1 8EN		

Distribution board details - Complete in every case

Location: Room X Riser [Schneider]
Designation: DB CL11/13-1
Num. of ways: 4 Num. of phases: 1
Supply polarity confirmed: ☑ Phase sequence confirmed: ☐

Complete only if the distribution board is not connected directly to the origin of the installation

Supply to distribution board is from: Sub Mains(DB CL11, 13/L1)
Overcurrent protective device for the distribution circuit: BS(EN) 61009 RCD/RCBO Type B Rating 32 A Voltage 230 V

Characteristics at this distribution board

Associated RCD(if any): BS (EN) 61008
Z_d 0.40 Ω No. of poles 2
I_{pf} 0.59 kA IΔn 30
Time delay (if applicable) N/A
Operating at 1 IΔn: Above 30mA 28.4 ms
Operating at 5 IΔn: 30mA or below 26.4 ms
(if applicable)

Test instrument serial number(s)

Loop impedance: 100701/4664
Insulation resistance: 100701/4664
Continuity: 100701/4664
RCD: 100701/4664

CIRCUIT DETAILS / TEST RESULTS

Circuit No. and Line No.	Distribution board Designation / Circuit designation	Type of wiring	Ref. method	No. of points	Circuit conductors csa (mm²) L / N	Circuit conductors csa (mm²) CPC	Maximum disconnection	Overcurrent protective devices BS EN Number	Type No.	Rating (A)	Breaking capacity (KA)	RCD operating (mA)	BS 7671 Max. permitted Zs Other 80% (Ω)	Circuit impedance Ω Ring final circuits only (measured end-to-end) r1	rn	r2	Fig 8 check (✓)	All circuits to be completed using R1R2 or R2, not both R1 + R2	R2	Insulation resistance (Record lower reading) Test voltage V	L/L, L/N M(Ω)	L/E, N/E M(Ω)	Polarity (✓)	Max. Measured Zs (Ω)	RCD testing Above 30mA IΔn ms	30mA or below 5 IΔn ms	Manual test button operation RCD (✓)	AFDD (✓)
1/L1	Sockets	A	B	6	2.5	1.5	0.4	60898 MCB	B	10	6	N/A	3.49	N/A	N/A	N/A	N/A	0.17	N/A	250	LIM	>299	✓	0.77	N/A	N/A	N/A	N/A
2/L1	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
3/L1	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
4/L1	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Details of circuits and/or installed equipment vulnerable to damage when testing

Date(s) dead testing: 26/07/2022 To 26/07/2022

Date(s) live testing: 26/07/2022 To 26/07/2022

Tested by: Name (capital letters): LIAM KIMBLE Position: Electrical Test Engineer Date: 26/07/2022

Signature:

Wiring Types. A PVC/PVC, B PVC cables in metallic Conduit, C PVC cables in non-metallic Conduit, D PVC cables in metallic trunking, E PVC cables in non-metallic trunking, F PVC/SWA cables, G SWA/XPLE cables, H Mineral Insulated, MW Metal Work, FM Ferrous Metal, O Other
A/A1 - Single Core PVC Cables (4D1A), A/A2 - Multicore PVC Cables (4D2A), F/F1 - Single-core armoures PVC SWA Cables (4D3A), F/F2 - PVC SWA Cables (4D4A), A/A3 - PVC Twin & Earth (4D5), O/O1 - LSF single core cables 90°C rated (4E1A), O/O2 - Multi-core LSF cables 90°C rated (4E2A), G/G1 - Single-core armoured XLPE cables or 90°C rated (4E3A), G/G2 - Multi-core armoured XLPE cables or 90°C rated (4E4A), H/H1 - MICC exposed to touch (4G1A)

ELECTRICAL INSTALLATION CONDITION REPORT - Schedule of Tests

for Industrial/Commercial Premises

FT/EICR 110151231

Requirements for Electrical Installations
BS 7671:2018 (IET Wiring Regulations 18th Edition)

Company Name	PHS Compliance	**Company Address**	Kid Glove Road	**Postcode**	WA3 3GR	**Branch No.**	**Scheme No.**
Client	UPP Residential Services Ltd	**Installation Address**	Swansea University Bay Campus - Dryslwyn 1B & Nest 2, Reception - Ground Floor Tower Information Centre, Fabian Way, Crymlyn Burrows, Swansea, West Glamorgan	**Postcode**	SA1 8EN		

Distribution board details - Complete in every case

Location: 1st Floor Drslwyn [Schneider]
Designation: DB LL1/L
Num. of ways: 6 Num. of phases: 3
Supply polarity confirmed ☑ Phase sequence confirmed ☑

Complete only if the distribution board is not connected directly to the origin of the installation

Supply to distribution board is from: Sub Mains(BB Dryslwyn, 3/TP)
Overcurrent protective device for the distribution circuit: BS(EN) 88-2 HRC Type gG Rating 100 A Voltage 400 V
Time delay (if applicable): N/A

Characteristics at this distribution board

Associated RCD(if any): BS (EN): N/A
Z_d 0.12 Ω No. of poles N/A
I_{pf} 4.0 kA IΔn N/A
Operating at 1 IΔn: Above 30mA N/A ms
30mA or below
Operating at 5 IΔn N/A ms
(if applicable)

Test instrument serial number(s)

Loop impedance: 100701/4664
Insulation resistance: 100701/4664
Continuity: 100701/4664
RCD: 100701/4664

CIRCUIT DETAILS / TEST RESULTS

Circuit No. and Line No.	Distribution board Designation / Circuit designation	Type of wiring	Ref. method	No. of points	Circuit conductors csa (mm²) L / N	Circuit conductors csa (mm²) CPC	Maximum disconnection	Overcurrent protective devices BS EN Number	Type No.	Rating (A)	Breaking capacity (KA)	RCD operating (mA)	BS 7671 Max. permitted Zs Other 80% (Ω)	Circuit impedance Ω: Ring final circuits only (measured end-to-end) r1	rn	r2	Fig 8 check (✓)	All circuits to be completed using R1R2 or R2, not both: R1 + R2	R2	Insulation resistance (Record lower reading) Test voltage V	L/L, L/N M(Ω)	L/E, N/E M(Ω)	Polarity (✓)	Max. Measured Zs (Ω)	RCD testing: Above 30mA IΔn ms	30mA or below 5 IΔn ms	Manual test button operation: RCD (✓)	AFDD (✓)
1/L1	G Floor Lighting Corridor	A	E	9	2.5	1.5	0.4	61009 RCD/RCBO	C	10	10	30	1.75	N/A	N/A	N/A	N/A	0.50	N/A	250	LIM	>299	✓	0.64	28.4	27.2	✓	N/A
1/L2	1st Floor Lighting Corridor	A	E	8	1.5	1	0.4	61009 RCD/RCBO	C	10	10	30	1.75	N/A	N/A	N/A	N/A	0.55	N/A	250	LIM	>299	✓	0.62	28.8	22.5	✓	N/A
1/L3	2nd Floor Lighting Corridor	A	E	10	2.5	1.5	0.4	61009 RCD/RCBO	C	10	10	30	1.75	N/A	N/A	N/A	N/A	0.54	N/A	250	LIM	>299	✓	0.68	25.4	25.4	✓	N/A
2/L1	G Floor Stair Lighting	A	E	5	1.5	1	0.4	61009 RCD/RCBO	C	10	10	30	1.75	N/A	N/A	N/A	N/A	0.48	N/A	250	LIM	>299	✓	0.62	28.2	26.4	✓	N/A
2/L2	1st Floor Stair Lighting	A	E	7	1.5	1	0.4	61009 RCD/RCBO	C	10	10	30	1.75	N/A	N/A	N/A	N/A	0.35	N/A	250	LIM	>299	✓	0.47	28.4	27.2	✓	N/A
2/L3	2nd Floor Corridor Lighting	A	E	6	2.5	1.5	0.4	61009 RCD/RCBO	C	10	10	30	1.75	N/A	N/A	N/A	N/A	0.70	N/A	250	LIM	>299	✓	0.88	28.6	22.9	✓	N/A
3/L1	IT Hub Lighting	A	E	2	1.5	1	0.4	61009 RCD/RCBO	C	10	10	30	1.75	N/A	N/A	N/A	N/A	0.50	N/A	250	LIM	>299	✓	0.64	28.0	32.5	✓	N/A
3/L2	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
3/L3	2nd Floor Stair Lighting	A	E	7	1.5	1	0.4	61009 RCD/RCBO	C	10	10	30	1.75	N/A	N/A	N/A	N/A	0.40	N/A	250	LIM	>299	✓	0.55	28.8	19.6	✓	N/A
4/L1	OS Lighting	A	E	1	2.5	1.5	0.4	61009 RCD/RCBO	C	16	10	30	1.09	N/A	N/A	N/A	N/A	0.33	N/A	250	LIM	>299	✓	0.48	17.5	17.0	✓	N/A
4/L2	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
4/L3	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
5/L1	Passage Lighting	A	E	4	2.5	1.5	0.4	61009 RCD/RCBO	C	10	10	30	1.75	N/A	N/A	N/A	N/A	LIM	N/A	250	LIM	>299	LIM	LIM	26.4	20.4	✓	N/A
5/L2	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Details of circuits and/or installed equipment vulnerable to damage when testing

Date(s) dead testing: 17/08/2022 To: 17/08/2022
Date(s) live testing: 17/08/2022 To: 17/08/2022

Tested by: Name (capital letters): LIAM KIMBLE
Position: Electrical Test Engineer
Date: 17/08/2022
Signature:

Wiring Types. A PVC/PVC, B PVC cables in metallic Conduit, C PVC cables in non-metallic Conduit, D PVC cables in metallic trunking, E PVC cables in non-metallic trunking, F PVC/SWA cables, G SWA/XPLE cables, H Mineral Insulated, MW Metal Work, FM Ferrous Metal, O Other
A/A1 - Single Core PVC Cables (4D1A), A/A2 - Multicore PVC Cables (4D2A), F/F1 - Single-core armoures PVC SWA Cables (4D3A), F/F2 - PVC SWA Cables (4D4A), A/A3 - PVC Twin & Earth (4D5), O/O1 - LSF single core cables 90°C rated (4E1A), O/O2 - Multi-core LSF cables 90°C rated (4E2A), G/G1 - Single-core armoured XLPE cables or 90°C rated (4E3A), G/G2 - Multi-core armoured XLPE cables or 90°C rated (4E4A), H/H1 - MICC exposed to touch (4G1A)

ELECTRICAL INSTALLATION CONDITION REPORT - Schedule of Tests

FT/EICR 110151231

for Industrial/Commercial Premises

Requirements for Electrical Installations
BS 7671:2018 (IET Wiring Regulations 18th Edition)

CIRCUIT DETAILS														TEST RESULTS														
Circuit No. and Line No.	Distribution board Designation / Circuit designation	Type of wiring	Ref. method	No. of points	Circuit conductors csa (mm²) L / N	Circuit conductors csa (mm²) CPC	Maximum disconnection	Overcurrent protective devices BS EN Number	Overcurrent protective devices Type No.	Overcurrent protective devices Rating (A)	Breaking capacity (KA)	RCD operating (mA)	BS 7671 Max. permitted Zs Other 80% (Ω)	Circuit impedance Ω Ring final circuits only (measured end-to-end) r1	rn	r2	Fig 8 check (✓)	All circuits to be completed using R1R2 or R2, not both R1 + R2	R2	Insulation resistance (Record lower reading) Test voltage V	L/L, L/N M(Ω)	L/E, N/E M(Ω)	Polarity (✓)	Max. Measured Zs (Ω)	RCD testing Above 30mA IΔn ms	30mA or below 5 IΔn ms	Manual test button operation RCD (✓)	AFDD (✓)
5/L3	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
6/TP	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Details of circuits and/or installed equipment vulnerable to damage when testing

Date(s) dead testing 17/08/2022 To 17/08/2022

Date(s) live testing 17/08/2022 To 17/08/2022

Tested by: Name (capital letters) LIAM KIMBLE

Position Electrical Test Engineer

Date 17/08/2022

Signature

Wiring Types. A PVC/PVC, B PVC cables in metallic Conduit, C PVC cables in non-metallic Conduit, D PVC cables in metallic trunking, E PVC cables in non-metallic trunking, F PVC/SWA cables, G SWA/XPLE cables, H Mineral Insulated, MW Metal Work, FM Ferrous Metal, O Other
A/A1 - Single Core PVC Cables (4D1A), A/A2 - Multicore PVC Cables (4D2A), F/F1 - Single-core armoures PVC SWA Cables (4D3A), F/F2 - PVC SWA Cables (4D4A), A/A3 - PVC Twin & Earth (4D5), O/O1 - LSF single core cables 90°C rated (4E1A), O/O2 - Multi-core LSF cables 90°C rated (4E2A), G/G1 - Single-core armoured XLPE cables or 90°C rated (4E3A), G/G2 - Multi-core armoured XLPE cables or 90°C rated (4E4A), H/H1 - MICC exposed to touch (4G1A)

ELECTRICAL INSTALLATION CONDITION REPORT - Schedule of Tests

for Industrial/Commercial Premises

FT/EICR 110151231

Requirements for Electrical Installations
BS 7671:2018 (IET Wiring Regulations 18th Edition)

Company Name	PHS Compliance	**Company Address**	Kid Glove Road	**Postcode**	WA3 3GR	**Branch No.**	**Scheme No.**
Client	UPP Residential Services Ltd	**Installation Address**	Swansea University Bay Campus - Dryslwyn 1B & Nest 2, Reception - Ground Floor Tower Information Centre, Fabian Way, Crymlyn Burrows, Swansea, West Glamorgan	**Postcode**	SA1 8EN		

Distribution board details - Complete in every case

Location: 1st Floor Riser Dryslwyn Riser [Schneider]
Designation: DB LL1/P
Num. of ways: 8 Num. of phases: 3
Supply polarity confirmed: ✓ Phase sequence confirmed: ✓

Complete only if the distribution board is not connected directly to the origin of the installation

Supply to distribution board is from: Sub Mains(BB Dryslwyn, 3/TP)
Overcurrent protective device for the distribution circuit: BS(EN) 88-2 HRC gG; Type gG; Rating 100 A; Voltage 400/230 V

Characteristics at this distribution board

Associated RCD(if any): BS (EN) N/A
Z_d 0.12 Ω No. of poles N/A
I_{pf} 4.0 kA IΔn N/A
Time delay (if applicable) N/A
Operating at 1 IΔn: Above 30mA N/A ms; 30mA or below N/A ms
Operating at 5 IΔn N/A ms
(if applicable)

Test instrument serial number(s)

Loop impedance 100701/4664
Insulation resistance 100701/4664
Continuity 100701/4664
RCD 100701/4664

CIRCUIT DETAILS / TEST RESULTS

Circuit No. and Line No.	Distribution board Designation / Circuit designation	Type of wiring	Ref. method	No. of points	Circuit conductors csa (mm²) L / N	Circuit conductors csa (mm²) CPC	Maximum disconnection	Overcurrent protective devices BS EN Number	Type No.	Rating (A)	Breaking capacity (KA)	RCD operating (mA)	BS 7671 Max. permitted Zs Other 80% (Ω)	Circuit impedance Ω: Ring final circuits only (measured end-to-end) r1	rn	r2	Fig 8 check (✓)	All circuits to be completed using R1R2 or R2, not both: R1 + R2	R2	Insulation resistance (Record lower reading): Test voltage V	L/L, L/N M(Ω)	L/E, N/E M(Ω)	Polarity (✓)	Max. Measured Zs (Ω)	RCD testing: Above 30mA IΔn ms	30mA or below 5 IΔn ms	Manual test button operation: RCD (✓)	AFDD (✓)
1/L1	G FLoor Cleaners Sockets	A	E	10	2x2.5	2x1.5	0.4	61009 RCD/RCBO	B	32	10	30	1.09	0.64	0.64	0.77	✓	0.35	N/A	250	LIM	>299	✓	0.47	28.4	22.0	✓	N/A
1/L2	G Floor Electrical Switch Room Sockets	A	E	4	2x2.5	2x1.5	0.4	61009 RCD/RCBO	B	32	10	30	1.09	0.52	0.52	0.64	✓	0.29	N/A	250	LIM	>299	✓	0.44	28.5	24.8	✓	N/A
1/L3	Fisrt Floor Cleaners Sockets	A	E	8	2x2.5	2x1.5	0.4	61009 RCD/RCBO	B	32	10	30	1.09	0.70	0.70	0.82	✓	0.38	N/A	250	LIM	>299	✓	0.52	28.8	26.4	✓	N/A
2/L1	G Floor Door Access	A	E	1	2.5	1.5	0.4	60898 MCB	B	16	10	N/A	2.18	N/A	N/A	N/A	N/A	0.22	N/A	250	LIM	>299	✓	0.36	N/A	N/A	N/A	N/A
2/L2	G Floor Tube HEater	A	E	1	4	1.5	0.4	60898 MCB	B	16	10	N/A	2.18	N/A	N/A	N/A	N/A	0.30	N/A	250	LIM	>299	✓	0.44	N/A	N/A	N/A	N/A
2/L3	1st Floor Smoke Shaft AOD	O	E	1	2.5	2.5	0.4	60898 MCB	C	16	10	N/A	1.09	N/A	N/A	N/A	N/A	0.26	N/A	250	LIM	>299	✓	0.39	N/A	N/A	N/A	N/A
3/L1	G Floor Power Assissted Doors	A	E	2	2.5	1.5	0.4	60898 MCB	C	16	10	N/A	1.09	N/A	N/A	N/A	N/A	0.34	N/A	250	LIM	>299	✓	0.48	N/A	N/A	N/A	N/A
3/L2	2nd Floor Cleaners Sockets	A	E	10	2x2.5	2x1.5	0.4	61009 RCD/RCBO	B	32	10	30	1.09	0.92	0.92	1.06	✓	0.50	N/A	250	LIM	>299	✓	0.66	28.8	27.2	✓	N/A
3/L3	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
4/L1	G Floor Door Hold	A	E	2	2.5	1.5	0.4	60898 MCB	C	16	10	N/A	1.09	N/A	N/A	N/A	N/A	0.22	N/A	250	LIM	>299	✓	0.38	N/A	N/A	N/A	N/A
4/L2	2md Floor Smoke Shaft AOD	O	E	1	2.5	2.5	0.4	60898 MCB	C	16	10	N/A	1.09	N/A	N/A	N/A	N/A	0.25	N/A	250	LIM	>299	✓	0.40	N/A	N/A	N/A	N/A
4/L3	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
5/L1	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
5/L2	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
5/L3	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Details of circuits and/or installed equipment vulnerable to damage when testing

Date(s) dead testing: 17/08/2022 To 17/08/2022
Date(s) live testing: 17/08/2022 To 17/08/2022

Tested by: Name (capital letters): LIAM KIMBLE Position: Electrical Test Engineer Date: 17/08/2022
Signature

Wiring Types. A PVC/PVC, B PVC cables in metallic Conduit, C PVC cables in non-metallic Conduit, D PVC cables in metallic trunking, E PVC cables in non-metallic trunking, F PVC/SWA cables, G SWA/XPLE cables, H Mineral Insulated, MW Metal Work, FM Ferrous Metal, O Other
A/A1 - Single Core PVC Cables (4D1A), A/A2 - Multicore PVC Cables (4D2A), F/F1 - Single-core armoures PVC SWA Cables (4D3A), F/F2 - PVC SWA Cables (4D4A), A/A3 - PVC Twin & Earth (4D5), O/O1 - LSF single core cables 90°C rated (4E1A), O/O2 - Multi-core LSF cables 90°C rated (4E2A), G/G1 - Single-core armoured XLPE cables or 90°C rated (4E3A), G/G2 - Multi-core armoured XLPE cables or 90°C rated (4E4A), H/H1 - MICC exposed to touch (4G1A)

ELECTRICAL INSTALLATION CONDITION REPORT - Schedule of Tests

FT/EICR 110151231

for Industrial/Commercial Premises

Requirements for Electrical Installations
BS 7671:2018 (IET Wiring Regulations 18th Edition)

CIRCUIT DETAILS														TEST RESULTS																		
Circuit No. and Line No.	Distribution board Designation / Circuit designation	Type of wiring	Ref. method	No. of points	Circuit conductors csa (mm²) L / N	Circuit conductors csa (mm²) CPC	Maximum disconnection	Overcurrent protective devices BS EN Number	Overcurrent protective devices Type No.	Overcurrent protective devices Rating (A)	Breaking capacity (KA)	RCD operating (mA)	BS 7671 Max. permitted Zs Other 80% (Ω)	Circuit impedance Ω Ring final circuits only (measured end-to-end) r1	rn	r2	Fig 8 check (✓)	All circuits to be completed using R1R2 or R2, not both R1 + R2	R2	Insulation resistance (Record lower reading) Test voltage V	L/L, L/N M(Ω)	L/E, N/E M(Ω)	Polarity (✓)	Max. Measured Zs (Ω)	RCD testing Above 30mA IΔn ms	30mA or below 5 IΔn ms	Manual test button operation RCD (✓)	AFDD (✓)
6/L1	G Floor Smoke Shaft AOD	O	E	1	2.5	2.5	0.4	60898 MCB	C	16	10	N/A	1.09	N/A	N/A	N/A	N/A	0.26	N/A	250	LIM	>299	✓	0.52	N/A	N/A	N/A	N/A
6/L2	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
6/L3	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
7/L1	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
7/L2	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
7/L3	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
8/L1	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
8/L2	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
8/L3	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Details of circuits and/or installed equipment vulnerable to damage when testing

Date(s) dead testing 17/08/2022 To 17/08/2022

Date(s) live testing 17/08/2022 To 17/08/2022

Tested by: Name (capital letters) LIAM KIMBLE Position Electrical Test Engineer Date 17/08/2022

Signature

Wiring Types. A PVC/PVC, B PVC cables in metallic Conduit, C PVC cables in non-metallic Conduit, D PVC cables in metallic trunking, E PVC cables in non-metallic trunking, F PVC/SWA cables, G SWA/XPLE cables, H Mineral Insulated, MW Metal Work, FM Ferrous Metal, O Other
A/A1 - Single Core PVC Cables (4D1A), A/A2 - Multicore PVC Cables (4D2A), F/F1 - Single-core armoures PVC SWA Cables (4D3A), F/F2 - PVC SWA Cables (4D4A), A/A3 - PVC Twin & Earth (4D5), O/O1 - LSF single core cables 90°C rated (4E1A), O/O2 - Multi-core LSF cables 90°C rated (4E2A), G/G1 - Single-core armoured XLPE cables or 90°C rated (4E3A), G/G2 - Multi-core armoured XLPE cables or 90°C rated (4E4A), H/H1 - MICC exposed to touch (4G1A)

ELECTRICAL INSTALLATION CONDITION REPORT - Schedule of Tests

for Industrial/Commercial Premises

FT/EICR 110151231

Requirements for Electrical Installations
BS 7671:2018 (IET Wiring Regulations 18th Edition)

Company Name	PHS Compliance	**Company Address**	Kid Glove Road	**Postcode**	WA3 3GR	**Branch No.**	**Scheme No.**
Client	UPP Residential Services Ltd	**Installation Address**	Swansea University Bay Campus - Dryslwyn 1B & Nest 2, Reception - Ground Floor Tower Information Centre, Fabian Way, Crymlyn Burrows, Swansea, West Glamorgan	**Postcode**	SA1 8EN		

Distribution board details - Complete in every case

Location: 4th Floor Riser Dryslwyn [Schneider]
Designation: DB LL3/P
Num. of ways: 8 Num. of phases: 3
Supply polarity confirmed ☑ Phase sequence confirmed ☑

Complete only if the distribution board is not connected directly to the origin of the installation

Supply to distribution board is from: Sub Mains(BB Dryslwyn, 12/TP)
Overcurrent protective device for the distribution circuit: BS(EN) 88-2 HRC gG Type gG Rating 100 A Voltage 400 V

Characteristics at this distribution board

Associated RCD(if any): BS (EN) N/A
Z_d 0.10 Ω No. of poles N/A
I_{pf} 4.4 kA IΔn N/A
Time delay (if applicable) N/A
Operating at 1 IΔn N/A ms (Above 30mA)
Operating at 5 IΔn N/A ms (30mA or below)
(if applicable)

Test instrument serial number(s)

Loop impedance 100701/4664
Insulation resistance 100701/4664
Continuity 100701/4664
RCD 100701/4664

CIRCUIT DETAILS / TEST RESULTS

Circuit No. and Line No.	Distribution board Designation / Circuit designation	Type of wiring	Ref. method	No. of points	Circuit conductors csa (mm²) L / N	Circuit conductors csa (mm²) CPC	Maximum disconnection	Overcurrent protective devices BS EN Number	Type No.	Rating (A)	Breaking capacity (KA)	RCD operating (mA)	BS 7671 Max. permitted Zs Other 80% (Ω)	Circuit impedance Ω Ring final circuits only (measured end-to-end) r1	rn	r2	Fig 8 check (✓)	All circuits to be completed using R1R2 or R2, not both R1 + R2	R2	Insulation resistance (Record lower reading) Test voltage V	L/L, L/N M(Ω)	L/E, N/E M(Ω)	Polarity (✓)	Max. Measured Zs (Ω)	RCD testing Above 30mA IΔn ms	30mA or below 5 IΔn ms	Manual test button operation RCD (✓)	AFDD (✓)
1/L1	4th Floor Cleaners Sockets	A	E	10	2x2.5	2x1.5	0.4	61009 RCD/RCBO	B	32	10	30	1.09	0.65	0.65	0.80	✓	0.36	N/A	250	LIM	>299	✓	0.49	28.4	27.2	✓	N/A
1/L2	3rd Floor Cleaners Sockets	A	E	10	2x2.5	2x1.5	0.4	61009 RCD/RCBO	B	32	10	30	1.09	0.80	0.80	0.94	✓	0.44	N/A	250	LIM	>299	✓	0.58	28.8	24.4	✓	N/A
1/L3	5th Floor Cleaners Sockets	A	E	8	2x2.5	2x1.5	0.4	61009 RCD/RCBO	B	32	10	30	1.09	0.70	0.70	0.88	✓	0.40	N/A	250	LIM	>299	✓	0.52	28.5	29.6	✓	N/A
2/L1	4th Floor Smoke Shaft AOD	O	E	1	2.5	2.5	0.4	60898 MCB	C	16	10	N/A	1.09	N/A	N/A	N/A	N/A	0.20	N/A	250	LIM	>299	✓	0.33	N/A	N/A	N/A	N/A
2/L2	3rd Floor Smoke Shaft AOD	O	E	1	2.5	2.5	0.4	60898 MCB	C	16	10	N/A	1.09	N/A	N/A	N/A	N/A	0.20	N/A	250	LIM	>299	✓	0.32	N/A	N/A	N/A	N/A
2/L3	5th Floor Smoke Shaft AOD	O	E	1	2.5	2.5	0.4	60898 MCB	C	16	10	N/A	1.09	N/A	N/A	N/A	N/A	0.22	N/A	250	LIM	>299	✓	0.34	N/A	N/A	N/A	N/A
3/L1	4th Floor Smoke Shaft AOD	O	E	1	2.5	2.5	0.4	60898 MCB	C	16	10	N/A	1.09	N/A	N/A	N/A	N/A	0.19	N/A	250	LIM	>299	✓	0.28	N/A	N/A	N/A	N/A
3/L2	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
3/L3	5th Floor Stair Core AOD	O	E	1	2.5	2.5	0.4	60898 MCB	C	16	10	N/A	1.09	N/A	N/A	N/A	N/A	0.22	N/A	250	LIM	>299	✓	0.32	N/A	N/A	N/A	N/A
4/L1	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
4/L2	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
4/L3	Roof Top AOV	O	E	1	2.5	2.5	0.4	61009 RCD/RCBO	C	16	10	30	1.09	N/A	N/A	N/A	N/A	0.19	N/A	250	LIM	>299	✓	0.34	30.2	27.2	✓	N/A
5/L1	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
5/L2	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
5/L3	5th Floor Door Hold	A	E	2	2.5	1.5	0.4	60898 MCB	C	16	10	N/A	1.09	N/A	N/A	N/A	N/A	0.20	N/A	250	LIM	>299	✓	0.58	N/A	N/A	N/A	N/A
6/L1	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Details of circuits and/or installed equipment vulnerable to damage when testing

Date(s) dead testing 17/08/2022 To 17/08/2022

Date(s) live testing 17/08/2022 To 17/08/2022

Signature

Tested by: Name (capital letters) LIAM KIMBLE Position Electrical Test Engineer Date 17/08/2022

Wiring Types. A PVC/PVC, B PVC cables in metallic Conduit, C PVC cables in non-metallic Conduit, D PVC cables in metallic trunking, E PVC cables in non-metallic trunking, F PVC/SWA cables, G SWA/XPLE cables, H Mineral Insulated, MW Metal Work, FM Ferrous Metal, O Other
A/A1 - Single Core PVC Cables (4D1A), A/A2 - Multicore PVC Cables (4D2A), F/F1 - Single-core armoures PVC SWA Cables (4D3A), F/F2 - PVC SWA Cables (4D4A), A/A3 - PVC Twin & Earth (4D5), O/O1 - LSF single core cables 90°C rated (4E1A), O/O2 - Multi-core LSF cables 90°C rated (4E2A), G/G1 - Single-core armoured XLPE cables or 90°C rated (4E3A), G/G2 - Multi-core armoured XLPE cables or 90°C rated (4E4A), H/H1 - MICC exposed to touch (4G1A)

ELECTRICAL INSTALLATION CONDITION REPORT - Schedule of Tests

FT/EICR 110151231

for Industrial/Commercial Premises

Requirements for Electrical Installations
BS 7671:2018 (IET Wiring Regulations 18th Edition)

CIRCUIT DETAILS														TEST RESULTS														
Circuit No. and Line No.	Distribution board Designation / Circuit designation	Type of wiring	Ref. method	No. of points	Circuit conductors csa (mm²) L / N	Circuit conductors csa (mm²) CPC	Maximum disconnection	Overcurrent protective devices BS EN Number	Overcurrent protective devices Type No.	Overcurrent protective devices Rating (A)	Breaking capacity (KA)	RCD operating (mA)	BS 7671 Max. permitted Zs Other 80% (Ω)	Circuit impedance Ω Ring final circuits only (measured end-to-end) r1	rn	r2	Fig 8 check (✓)	All circuits to be completed using R1R2 or R2, not both R1 + R2	R2	Insulation resistance (Record lower reading) Test voltage V	L/L, L/N M(Ω)	L/E, N/E M(Ω)	Polarity (✓)	Max. Measured Zs (Ω)	RCD testing Above 30mA IΔn ms	30mA or below 5 IΔn ms	Manual test button operation RCD (✓)	AFDD (✓)
6/L2	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
6/L3	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
7/L1	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
7/L2	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
7/L3	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
8/L1	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
8/L2	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
8/L3	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Details of circuits and/or installed equipment vulnerable to damage when testing

Date(s) dead testing 17/08/2022 To 17/08/2022

Date(s) live testing 17/08/2022 To 17/08/2022

Tested by: Name (capital letters) LIAM KIMBLE

Position Electrical Test Engineer

Date 17/08/2022

Signature

Wiring Types. A PVC/PVC, B PVC cables in metallic Conduit, C PVC cables in non-metallic Conduit, D PVC cables in metallic trunking, E PVC cables in non-metallic trunking, F PVC/SWA cables, G SWA/XPLE cables, H Mineral Insulated, MW Metal Work, FM Ferrous Metal, O Other
A/A1 - Single Core PVC Cables (4D1A), A/A2 - Multicore PVC Cables (4D2A), F/F1 - Single-core armoures PVC SWA Cables (4D3A), F/F2 - PVC SWA Cables (4D4A), A/A3 - PVC Twin & Earth (4D5), O/O1 - LSF single core cables 90°C rated (4E1A), O/O2 - Multi-core LSF cables 90°C rated (4E2A), G/G1 - Single-core armoured XLPE cables or 90°C rated (4E3A), G/G2 - Multi-core armoured XLPE cables or 90°C rated (4E4A), H/H1 - MICC exposed to touch (4G1A)

ELECTRICAL INSTALLATION CONDITION REPORT - Schedule of Tests

for Industrial/Commercial Premises

FT/EICR 110151231

Requirements for Electrical Installations
BS 7671:2018 (IET Wiring Regulations 18th Edition)

Company Name	PHS Compliance	**Company Address**	Kid Glove Road	**Postcode**	WA3 3GR	**Branch No.**	**Scheme No.**
Client	UPP Residential Services Ltd	**Installation Address**	Swansea University Bay Campus - Dryslwyn 1B & Nest 2, Reception - Ground Floor Tower Information Centre, Fabian Way, Crymlyn Burrows, Swansea, West Glamorgan	**Postcode**	SA1 8EN		

Distribution board details - Complete in every case

Location: 4th Floor Dryslwyn Riser [Schneider]
Designation: DB LL3/L
Num. of ways: 6 Num. of phases: 3
Supply polarity confirmed: ☑ Phase sequence confirmed: ☑

Complete only if the distribution board is not connected directly to the origin of the installation

Supply to distribution board is from: Sub Mains(BB Dryslwyn, 12/TP)
Overcurrent protective device for the distribution circuit: BS(EN) 88-2 HRC gG; Type gG; Rating 100 A; Voltage 400 V

Characteristics at this distribution board

Associated RCD(if any): BS (EN) N/A
Z_d 0.10 Ω; I_{pf} 4.4 kA; No. of poles N/A; Time delay (if applicable) N/A
Operating at 1 IΔn: Above 30mA N/A ms; 30mA or below: IΔn N/A; Operating at 5 IΔn N/A ms (if applicable)

Test instrument serial number(s)

Loop impedance: 100701/4664
Insulation resistance: 100701/4664
Continuity: 100701/4664
RCD: 100701/4664

CIRCUIT DETAILS / TEST RESULTS

Circuit No. and Line No.	Distribution board Designation / Circuit designation	Type of wiring	Ref. method	No. of points	Circuit conductors csa (mm²) L / N	Circuit conductors csa (mm²) CPC	Maximum disconnection	Overcurrent protective devices BS EN Number	Type No.	Rating (A)	Breaking capacity (KA)	RCD operating (mA)	BS 7671 Max. permitted Zs Other 80% (Ω)	Circuit impedance Ω: Ring final circuits only (measured end-to-end) r1	rn	r2	Fig 8 check (✓)	All circuits to be completed using R1R2 or R2, not both: R1 + R2	R2	Insulation resistance (Record lower reading): Test voltage V	L/L, L/N M(Ω)	L/E, N/E M(Ω)	Polarity (✓)	Max. Measured Zs (Ω)	RCD testing: Above 30mA IΔn ms	30mA or below 5 IΔn ms	Manual test button operation: RCD (✓)	AFDD (✓)
1/L1	3rd Floor Corridor Lights	A	E	10	1.5	1	0.4	61009 RCD/RCBO	C	10	10	30	1.75	N/A	N/A	N/A	N/A	0.58	N/A	250	LIM	>299	✓	0.68	28.2	22.0	✓	N/A
1/L2	4th Floor Corridor Lights	A	E	10	1.5	1	0.4	61009 RCD/RCBO	C	10	10	30	1.75	N/A	N/A	N/A	N/A	0.54	N/A	250	LIM	>299	✓	0.72	28.8	28.5	✓	N/A
1/L3	5th Floor Corridor Lights	A	E	11	1.5	1	0.4	61009 RCD/RCBO	C	10	10	30	1.75	N/A	N/A	N/A	N/A	0.62	N/A	250	LIM	>299	✓	0.84	26.4	27.2	✓	N/A
2/L1	3rd Floor Corridor Lights 2	A	E	6	1.5	1	0.4	61009 RCD/RCBO	C	10	10	30	1.75	N/A	N/A	N/A	N/A	0.55	N/A	250	LIM	>299	✓	0.74	28.9	22.6	✓	N/A
2/L2	4th Floor Corridor Lights 2	A	E	8	1.5	1	0.4	61009 RCD/RCBO	C	10	10	30	1.75	N/A	N/A	N/A	N/A	0.49	N/A	250	LIM	>299	✓	0.62	28.5	25.4	✓	N/A
2/L3	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
3/L1	3rd Floor Stair Core Lights	A	E	7	1.5	1	0.4	61009 RCD/RCBO	C	10	10	30	1.75	N/A	N/A	N/A	N/A	0.35	N/A	250	LIM	>299	✓	0.50	28.9	22.2	✓	N/A
3/L2	4th Floor Stair Core Lights	A	E	7	1.5	1	0.4	61009 RCD/RCBO	C	10	10	30	1.75	N/A	N/A	N/A	N/A	0.42	N/A	250	LIM	>299	✓	0.55	28.5	25.4	✓	N/A
3/L3	5th Floor Stair Core Lights	A	E	7	1.5	1	0.4	61009 RCD/RCBO	C	10	10	30	1.75	N/A	N/A	N/A	N/A	0.44	N/A	250	LIM	>299	✓	0.58	28.9	24.6	✓	N/A
4/L1	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
4/L2	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
4/L3	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
5/TP	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
6/TP	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Details of circuits and/or installed equipment vulnerable to damage when testing

Date(s) dead testing: 17/08/2022 To: 17/08/2022
Date(s) live testing: 17/08/2022 To: 17/08/2022

Tested by: Name (capital letters): LIAM KIMBLE Position: Electrical Test Engineer Date: 17/08/2022
Signature:

Wiring Types. A PVC/PVC, B PVC cables in metallic Conduit, C PVC cables in non-metallic Conduit, D PVC cables in metallic trunking, E PVC cables in non-metallic trunking, F PVC/SWA cables, G SWA/XPLE cables, H Mineral Insulated, MW Metal Work, FM Ferrous Metal, O Other
A/A1 - Single Core PVC Cables (4D1A), A/A2 - Multicore PVC Cables (4D2A), F/F1 - Single-core armoures PVC SWA Cables (4D3A), F/F2 - PVC SWA Cables (4D4A), A/A3 - PVC Twin & Earth (4D5), O/O1 - LSF single core cables 90°C rated (4E1A), O/O2 - Multi-core LSF cables 90°C rated (4E2A), G/G1 - Single-core armoured XLPE cables or 90°C rated (4E3A), G/G2 - Multi-core armoured XLPE cables or 90°C rated (4E4A), H/H1 - MICC exposed to touch (4G1A)

ELECTRICAL INSTALLATION CONDITION REPORT - Schedule of Tests

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Requirements for Electrical Installations
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Company Name	PHS Compliance	**Company Address**	Kid Glove Road	**Postcode**	WA3 3GR	**Branch No.**	**Scheme No.**
Client	UPP Residential Services Ltd	**Installation Address**	Swansea University Bay Campus - Dryslwyn 1B & Nest 2, Reception - Ground Floor Tower Information Centre, Fabian Way, Crymlyn Burrows, Swansea, West Glamorgan	**Postcode**	SA1 8EN		

Distribution board details - Complete in every case

Location: Dryslwyn [Schneider]
Designation: DB CL13
Num. of ways: 18 Num. of phases: 1
Supply polarity confirmed ☑ Phase sequence confirmed ☐

Complete only if the distribution board is not connected directly to the origin of the installation

Supply to distribution board is from: Sub Mains(BB Dryslwyn, 7/L1)
Overcurrent protective device for the distribution circuit: BS(EN) 88-2 HRC Type gG Rating 63 A Voltage 230 V
Time delay (if applicable) N/A

Characteristics at this distribution board

Associated RCD(if any): BS (EN) N/A
Z_d 0.12 Ω No. of poles N/A
I_{pf} 1.2 kA IΔn N/A
Above 30mA Operating at 1 IΔn N/A ms
30mA or below Operating at 5 IΔn N/A ms
(if applicable)

Test instrument serial number(s)

Loop impedance 100701/4664
Insulation resistance 100701/4664
Continuity 100701/4664
RCD 100701/4664

CIRCUIT DETAILS / TEST RESULTS

Circuit No. and Line No.	Distribution board Designation / Circuit designation	Type of wiring	Ref. method	No. of points	Circuit conductors csa (mm²) L / N	Circuit conductors csa (mm²) CPC	Maximum disconnection	Overcurrent protective devices BS EN Number	Type No.	Rating (A)	Breaking capacity (KA)	RCD operating (mA)	BS 7671 Max. permitted Zs Other 80% (Ω)	Circuit impedance Ω Ring final circuits only (measured end-to-end) r1	rn	r2	Fig 8 check (✓)	All circuits to be completed using R1R2 or R2, not both R1 + R2	R2	Insulation resistance (Record lower reading) Test voltage V	L/L, L/N M(Ω)	L/E, N/E M(Ω)	Polarity (✓)	Max. Measured Zs (Ω)	RCD testing Above 30mA IΔn ms	30mA or below 5 IΔn ms	Manual test button operation RCD (✓)	AFDD (✓)
1/L1	Lighting Bedrooms 5,6,7	A	E	15	1.5	1	0.4	61009 RCD/RCBO	C	10	10	30	1.75	N/A	N/A	N/A	N/A	0.64	N/A	250	LIM	>299	✓	0.82	28.4	27.4	✓	N/A
2/L1	Lighting Bedrooms 8,9	A	E	10	1.5	1	0.4	61009 RCD/RCBO	C	10	10	30	1.75	N/A	N/A	N/A	N/A	0.72	N/A	250	LIM	>299	✓	0.95	24.2	22.0	✓	N/A
3/L1	Lighting Bedroom 3,2,1	A	E	15	1.5	1	0.4	61009 RCD/RCBO	C	10	10	30	1.75	N/A	N/A	N/A	N/A	0.68	N/A	250	LIM	>299	✓	0.84	26.0	24.4	✓	N/A
4/L1	Common Room Lighting	A	E	8	1.5	1	0.4	61009 RCD/RCBO	C	10	10	30	1.75	N/A	N/A	N/A	N/A	0.29	N/A	250	LIM	>299	✓	0.50	28.2	26.0	✓	N/A
5/L1	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
6/L1	Common Room Ring 1	A	E	8	2x2.5	2x1.5	0.4	61009 RCD/RCBO	B	32	10	30	1.09	0.34	0.34	0.50	✓	0.21	N/A	250	LIM	>299	✓	0.40	25.4	22.8	✓	N/A
7/L1	Common Room Ring 2	A	E	8	2x2.5	2x1.5	0.4	61009 RCD/RCBO	B	32	10	30	1.09	0.30	0.30	0.42	✓	0.18	N/A	250	LIM	>299	✓	0.35	28.4	27.2	✓	N/A
8/L1	Hob 1	A	E	1	10	4	0.4	61009 RCD/RCBO	B	32	10	30	1.09	N/A	N/A	N/A	N/A	0.10	N/A	250	LIM	>299	✓	0.25	24.0	20.2	✓	N/A
9/L1	Hob 2	A	E	1	10	4	0.4	61009 RCD/RCBO	B	32	10	30	1.09	N/A	N/A	N/A	N/A	0.09	N/A	250	LIM	>299	✓	0.25	26.2	23.8	✓	N/A
10/L1	Sub Mains(DB CL13/10, DB CL13/10-1)	A	E	2	2x2.5	2x1.5	5	61009 RCD/RCBO	B	32	10	30	1.09	0.24	0.24	0.40	✓	0.16	N/A	250	LIM	>299	✓	0.42	22.4	20.0	✓	N/A
11/L1	Sub Mains(DB CL13/11, DB CL13/11-1, DB CL13/11-2)	A	E	3	2x2.5	2x1.5	5	61009 RCD/RCBO	B	32	10	30	1.09	0.39	0.39	0.52	✓	0.23	N/A	250	LIM	>299	✓	0.49	26.4	20.4	✓	N/A
12/L1	Sub Mains(DB CL13/12, DB CL13/12-1, DB CL13/12-2)	A	E	3	2x2.5	2x1.5	5	61009 RCD/RCBO	B	32	10	30	1.09	0.41	0.41	0.58	✓	0.25	N/A	250	LIM	>299	✓	0.46	28.2	25.2	✓	N/A
13/L1	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
14/L1	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Details of circuits and/or installed equipment vulnerable to damage when testing
Date(s) dead testing 17/08/2022 To 17/08/2022
Date(s) live testing 17/08/2022 To 17/08/2022

Tested by: Name (capital letters) LIAM KIMBLE Position Electrical Test Engineer Date 17/08/2022
Signature

Wiring Types. A PVC/PVC, B PVC cables in metallic Conduit, C PVC cables in non-metallic Conduit, D PVC cables in metallic trunking, E PVC cables in non-metallic trunking, F PVC/SWA cables, G SWA/XPLE cables, H Mineral Insulated, MW Metal Work, FM Ferrous Metal, O Other
A/A1 - Single Core PVC Cables (4D1A), A/A2 - Multicore PVC Cables (4D2A), F/F1 - Single-core armoures PVC SWA Cables (4D3A), F/F2 - PVC SWA Cables (4D4A), A/A3 - PVC Twin & Earth (4D5), O/O1 - LSF single core cables 90°C rated (4E1A), O/O2 - Multi-core LSF cables 90°C rated (4E2A), G/G1 - Single-core armoured XLPE cables or 90°C rated (4E3A), G/G2 - Multi-core armoured XLPE cables or 90°C rated (4E4A), H/H1 - MICC exposed to touch (4G1A)

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CIRCUIT DETAILS / TEST RESULTS

Circuit No. and Line No.	Distribution board Designation / Circuit designation	Type of wiring	Ref. method	No. of points	Circuit conductors csa (mm²) L / N	Circuit conductors csa (mm²) CPC	Maximum disconnection	Overcurrent protective devices BS EN Number	Overcurrent protective devices Type No.	Overcurrent protective devices Rating (A)	Breaking capacity (KA)	RCD operating (mA)	BS 7671 Max. permitted Zs Other 80% (Ω)	Circuit impedance Ω Ring final circuits only (measured end-to-end) r1	r2	rn	Fig 8 check (✓)	All circuits to be completed using R1R2 or R2, not both R1 + R2	R2	Insulation resistance (Record lower reading) Test voltage V	L/L, L/N M(Ω)	L/E, N/E M(Ω)	Polarity (✓)	Max. Measured Zs (Ω)	RCD testing Above 30mA IΔn ms	30mA or below 5 IΔn ms	Manual test button operation RCD (✓)	AFDD (✓)
15/L1	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
16/L1	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
17/L1	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
18/L1	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Details of circuits and/or installed equipment vulnerable to damage when testing

Date(s) dead testing 17/08/2022 To 17/08/2022

Date(s) live testing 17/08/2022 To 17/08/2022

Tested by: Name (capital letters) LIAM KIMBLE

Position Electrical Test Engineer

Date 17/08/2022

Signature

Wiring Types. A PVC/PVC, B PVC cables in metallic Conduit, C PVC cables in non-metallic Conduit, D PVC cables in metallic trunking, E PVC cables in non-metallic trunking, F PVC/SWA cables, G SWA/XPLE cables, H Mineral Insulated, MW Metal Work, FM Ferrous Metal, O Other
A/A1 - Single Core PVC Cables (4D1A), A/A2 - Multicore PVC Cables (4D2A), F/F1 - Single-core armoures PVC SWA Cables (4D3A), F/F2 - PVC SWA Cables (4D4A), A/A3 - PVC Twin & Earth (4D5), O/O1 - LSF single core cables 90°C rated (4E1A), O/O2 - Multi-core LSF cables 90°C rated (4E2A), G/G1 - Single-core armoured XLPE cables or 90°C rated (4E3A), G/G2 - Multi-core armoured XLPE cables or 90°C rated (4E4A), H/H1 - MICC exposed to touch (4G1A)

ELECTRICAL INSTALLATION CONDITION REPORT - Schedule of Tests

for Industrial/Commercial Premises

FT/EICR 110151231

Requirements for Electrical Installations
BS 7671:2018 (IET Wiring Regulations 18th Edition)

Company Name	PHS Compliance	**Company Address**	Kid Glove Road	**Postcode**	WA3 3GR	**Branch No.**	**Scheme No.**
Client	UPP Residential Services Ltd	**Installation Address**	Swansea University Bay Campus - Dryslwyn 1B & Nest 2, Reception - Ground Floor Tower Information Centre, Fabian Way, Crymlyn Burrows, Swansea, West Glamorgan	**Postcode**	SA1 8EN		

Distribution board details - Complete in every case

Location: Room 5 Riser [Schneider]
Designation: DB CL13/10
Num. of ways: 4 Num. of phases: 1
Supply polarity confirmed: ☑ Phase sequence confirmed: ☐

Complete only if the distribution board is not connected directly to the origin of the installation

Supply to distribution board is from: Sub Mains(DB CL13, 10/L1)
Overcurrent protective device for the distribution circuit: BS(EN) 61009 RCD/RCBO Type B Rating 32 A Voltage 230 V

Characteristics at this distribution board

Associated RCD(if any): BS (EN) 61008
Z_d 0.42 Ω No. of poles 2
I_{pf} 0.52 kA IΔn 30
Time delay (if applicable) N/A
Above 30mA Operating at 1 IΔn 22.4 ms
30mA or below Operating at 5 IΔn 20.0 ms
(if applicable)

Test instrument serial number(s)

Loop impedance 100701/4664
Insulation resistance 100701/4664
Continuity 100701/4664
RCD 100701/4664

CIRCUIT DETAILS / TEST RESULTS

Circuit No. and Line No.	Distribution board Designation / Circuit designation	Type of wiring	Ref. method	No. of points	Circuit conductors csa (mm²) L / N	Circuit conductors csa (mm²) CPC	Maximum disconnection	Overcurrent protective devices BS EN Number	Type No.	Rating (A)	Breaking capacity (KA)	RCD operating (mA)	BS 7671 Max. permitted Zs Other 80% (Ω)	Circuit impedance Ω Ring final circuits only (measured end-to-end) r1	rn	r2	Fig 8 check (✓)	All circuits to be completed using R1R2 or R2, not both R1 + R2	R2	Insulation resistance (Record lower reading) Test voltage V	L/L, L/N M(Ω)	L/E, N/E M(Ω)	Polarity (✓)	Max. Measured Zs (Ω)	RCD testing Above 30mA IΔn ms	30mA or below 5 IΔn ms	Manual test button operation RCD (✓)	AFDD (✓)
1/L1	Sockets	A	B	6	2.5	1.5	0.4	60898 MCB	B	10	6	N/A	3.49	N/A	N/A	N/A	N/A	0.22	N/A	250	LIM	>299	✓	0.70	N/A	N/A	N/A	N/A
2/L1	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
3/L1	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
4/L1	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Details of circuits and/or installed equipment vulnerable to damage when testing

Date(s) dead testing 26/07/2022 To 26/07/2022

Date(s) live testing 26/07/2022 To 26/07/2022

Tested by: Name (capital letters) LIAM KIMBLE Position Electrical Test Engineer Date 26/07/2022

Signature

Wiring Types. A PVC/PVC, B PVC cables in metallic Conduit, C PVC cables in non-metallic Conduit, D PVC cables in metallic trunking, E PVC cables in non-metallic trunking, F PVC/SWA cables, G SWA/XPLE cables, H Mineral Insulated, MW Metal Work, FM Ferrous Metal, O Other
A/A1 - Single Core PVC Cables (4D1A), A/A2 - Multicore PVC Cables (4D2A), F/F1 - Single-core armoures PVC SWA Cables (4D3A), F/F2 - PVC SWA Cables (4D4A), A/A3 - PVC Twin & Earth (4D5), O/O1 - LSF single core cables 90°C rated (4E1A), O/O2 - Multi-core LSF cables 90°C rated (4E2A), G/G1 - Single-core armoured XLPE cables or 90°C rated (4E3A), G/G2 - Multi-core armoured XLPE cables or 90°C rated (4E4A), H/H1 - MICC exposed to touch (4G1A)

ELECTRICAL INSTALLATION CONDITION REPORT - Schedule of Tests

for Industrial/Commercial Premises

FT/EICR 110151231

Requirements for Electrical Installations
BS 7671:2018 (IET Wiring Regulations 18th Edition)

Company Name	PHS Compliance	**Company Address**	Kid Glove Road	**Postcode**	WA3 3GR	**Branch No.**	**Scheme No.**
Client	UPP Residential Services Ltd	**Installation Address**	Swansea University Bay Campus - Dryslwyn 1B & Nest 2, Reception - Ground Floor Tower Information Centre, Fabian Way, Crymlyn Burrows, Swansea, West Glamorgan	**Postcode**	SA1 8EN		

Distribution board details - Complete in every case

Location: Room 6 Riser [Schneider]
Designation: DB CL13/10-1
Num. of ways: 4 Num. of phases: 1
Supply polarity confirmed: ☑ Phase sequence confirmed: ☐

Complete only if the distribution board is not connected directly to the origin of the installation

Supply to distribution board is from: Sub Mains(DB CL13, 10/L1)
Overcurrent protective device for the distribution circuit: BS(EN) 61009 RCD/RCBO Type B Rating 32 A Voltage 230 V

Characteristics at this distribution board

Associated RCD(if any): BS (EN) 61008
Z_d 0.42 Ω No. of poles 2
I_{pf} 0.52 kA IΔn 30
Time delay (if applicable) N/A
Operating at 1 IΔn: Above 30mA 22.4 ms
Operating at 5 IΔn: 30mA or below 20.0 ms
(if applicable)

Test instrument serial number(s)

Loop impedance: 100701/4664
Insulation resistance: 100701/4664
Continuity: 100701/4664
RCD: 100701/4664

CIRCUIT DETAILS / TEST RESULTS

Circuit No. and Line No.	Distribution board Designation / Circuit designation	Type of wiring	Ref. method	No. of points	Circuit conductors csa (mm²) L / N	Circuit conductors csa (mm²) CPC	Maximum disconnection	Overcurrent protective devices BS EN Number	Type No.	Rating (A)	Breaking capacity (KA)	RCD operating (mA)	BS 7671 Max. permitted Zs Other 80% (Ω)	Circuit impedance Ω Ring final circuits only (measured end-to-end) r1	rn	r2	Fig 8 check (✓)	All circuits to be completed using R1R2 or R2, not both R1 + R2	R2	Insulation resistance (Record lower reading) Test voltage V	L/L, L/N M(Ω)	L/E, N/E M(Ω)	Polarity (✓)	Max. Measured Zs (Ω)	RCD testing Above 30mA IΔn ms	30mA or below 5 IΔn ms	Manual test button operation RCD (✓)	AFDD (✓)
1/L1	Sockets	A	B	6	2.5	1.5	0.4	60898 MCB	B	10	6	N/A	3.49	N/A	N/A	N/A	N/A	0.15	N/A	250	LIM	>299	✓	0.75	N/A	N/A	N/A	N/A
2/L1	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
3/L1	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
4/L1	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Details of circuits and/or installed equipment vulnerable to damage when testing

Date(s) dead testing: 26/07/2022 To 26/07/2022

Date(s) live testing: 26/07/2022 To 26/07/2022

Tested by: Name (capital letters): LIAM KIMBLE Position: Electrical Test Engineer Date: 26/07/2022

Signature:

Wiring Types. A PVC/PVC, B PVC cables in metallic Conduit, C PVC cables in non-metallic Conduit, D PVC cables in metallic trunking, E PVC cables in non-metallic trunking, F PVC/SWA cables, G SWA/XPLE cables, H Mineral Insulated, MW Metal Work, FM Ferrous Metal, O Other
A/A1 - Single Core PVC Cables (4D1A), A/A2 - Multicore PVC Cables (4D2A), F/F1 - Single-core armoures PVC SWA Cables (4D3A), F/F2 - PVC SWA Cables (4D4A), A/A3 - PVC Twin & Earth (4D5), O/O1 - LSF single core cables 90°C rated (4E1A), O/O2 - Multi-core LSF cables 90°C rated (4E2A), G/G1 - Single-core armoured XLPE cables or 90°C rated (4E3A), G/G2 - Multi-core armoured XLPE cables or 90°C rated (4E4A), H/H1 - MICC exposed to touch (4G1A)

ELECTRICAL INSTALLATION CONDITION REPORT - Schedule of Tests

for Industrial/Commercial Premises

FT/EICR 110151231

Requirements for Electrical Installations
BS 7671:2018 (IET Wiring Regulations 18th Edition)

Company Name	PHS Compliance	**Company Address**	Kid Glove Road	**Postcode**	WA3 3GR	**Branch No.**	**Scheme No.**
Client	UPP Residential Services Ltd	**Installation Address**	Swansea University Bay Campus - Dryslwyn 1B & Nest 2, Reception - Ground Floor Tower Information Centre, Fabian Way, Crymlyn Burrows, Swansea, West Glamorgan	**Postcode**	SA1 8EN		

Distribution board details - Complete in every case

Location: Room 7 Riser [Schneider]
Designation: DB CL13/11
Num. of ways: 4 Num. of phases: 1
Supply polarity confirmed: ☑ Phase sequence confirmed: ☐

Complete only if the distribution board is not connected directly to the origin of the installation

Supply to distribution board is from: Sub Mains(DB CL13, 11/L1)
Overcurrent protective device for the distribution circuit: BS(EN) 61009 RCD/RCBO Type B Rating 32 A Voltage 230 V

Characteristics at this distribution board

Associated RCD(if any): BS (EN) 61008
Z_d 0.49 Ω No. of poles 2
I_{pf} 0.48 kA IΔn 30
Time delay (if applicable) N/A
Operating at 1 IΔn: Above 30mA 26.4 ms
Operating at 5 IΔn: 30mA or below 20.4 ms
(if applicable)

Test instrument serial number(s)

Loop impedance: 100701/4664
Insulation resistance: 100701/4664
Continuity: 100701/4664
RCD: 100701/4664

CIRCUIT DETAILS / TEST RESULTS

Circuit No. and Line No.	Distribution board Designation / Circuit designation	Type of wiring	Ref. method	No. of points	Circuit conductors csa (mm²) L / N	Circuit conductors csa (mm²) CPC	Maximum disconnection	Overcurrent protective devices BS EN Number	Type No.	Rating (A)	Breaking capacity (KA)	RCD operating (mA)	BS 7671 Max. permitted Zs Other 80% (Ω)	Circuit impedance Ω Ring final circuits only (measured end-to-end) r1	rn	r2	Fig 8 check (✓)	All circuits to be completed using R1R2 or R2, not both R1 + R2	R2	Insulation resistance (Record lower reading) Test voltage V	L/L, L/N M(Ω)	L/E, N/E M(Ω)	Polarity (✓)	Max. Measured Zs (Ω)	RCD testing Above 30mA IΔn ms	30mA or below 5 IΔn ms	Manual test button operation RCD (✓)	AFDD (✓)
1/L1	Sockets	A	B	6	2.5	1.5	0.4	60898 MCB	B	10	6	N/A	3.49	N/A	N/A	N/A	N/A	0.09	N/A	250	LIM	>299	✓	0.68	N/A	N/A	N/A	N/A
2/L1	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
3/L1	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
4/L1	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Details of circuits and/or installed equipment vulnerable to damage when testing

Date(s) dead testing: 26/07/2022 To 26/07/2022

Date(s) live testing: 26/07/2022 To 26/07/2022

Tested by: Name (capital letters): LIAM KIMBLE Position: Electrical Test Engineer Date: 26/07/2022

Signature:

Wiring Types. A PVC/PVC, B PVC cables in metallic Conduit, C PVC cables in non-metallic Conduit, D PVC cables in metallic trunking, E PVC cables in non-metallic trunking, F PVC/SWA cables, G SWA/XPLE cables, H Mineral Insulated, MW Metal Work, FM Ferrous Metal, O Other
A/A1 - Single Core PVC Cables (4D1A), A/A2 - Multicore PVC Cables (4D2A), F/F1 - Single-core armoures PVC SWA Cables (4D3A), F/F2 - PVC SWA Cables (4D4A), A/A3 - PVC Twin & Earth (4D5), O/O1 - LSF single core cables 90°C rated (4E1A), O/O2 - Multi-core LSF cables 90°C rated (4E2A), G/G1 - Single-core armoured XLPE cables or 90°C rated (4E3A), G/G2 - Multi-core armoured XLPE cables or 90°C rated (4E4A), H/H1 - MICC exposed to touch (4G1A)

ELECTRICAL INSTALLATION CONDITION REPORT - Schedule of Tests

for Industrial/Commercial Premises

FT/EICR 110151231

Requirements for Electrical Installations
BS 7671:2018 (IET Wiring Regulations 18th Edition)

Company Name	PHS Compliance	**Company Address**	Kid Glove Road	**Postcode**	WA3 3GR	**Branch No.**	**Scheme No.**
Client	UPP Residential Services Ltd	**Installation Address**	Swansea University Bay Campus - Dryslwyn 1B & Nest 2, Reception - Ground Floor Tower Information Centre, Fabian Way, Crymlyn Burrows, Swansea, West Glamorgan	**Postcode**	SA1 8EN		

Distribution board details - Complete in every case

Location: Room 8 Riser [Schneider]
Designation: DB CL13/11-1
Num. of ways: 4 Num. of phases: 1
Supply polarity confirmed: ☑ Phase sequence confirmed: ☐

Complete only if the distribution board is not connected directly to the origin of the installation

Supply to distribution board is from: Sub Mains(DB CL13, 11/L1)
Overcurrent protective device for the distribution circuit: BS(EN) 61009 RCD/RCBO Type B Rating 32 A Voltage 230 V

Characteristics at this distribution board

Associated RCD(if any): BS (EN) 61008
Z_d 0.49 Ω No. of poles 2
I_{pf} 0.48 kA IΔn 30
Time delay (if applicable) N/A
Operating at 1 IΔn: Above 30mA 26.4 ms
Operating at 5 IΔn: 30mA or below 20.4 ms
(if applicable)

Test instrument serial number(s)

Loop impedance: 100701/4664
Insulation resistance: 100701/4664
Continuity: 100701/4664
RCD: 100701/4664

CIRCUIT DETAILS / TEST RESULTS

Circuit No. and Line No.	Distribution board Designation / Circuit designation	Type of wiring	Ref. method	No. of points	Circuit conductors csa (mm²) L / N	Circuit conductors csa (mm²) CPC	Maximum disconnection	Overcurrent protective devices BS EN Number	Type No.	Rating (A)	Breaking capacity (KA)	RCD operating (mA)	BS 7671 Max. permitted Zs Other 80% (Ω)	Circuit impedance Ω Ring final circuits only (measured end-to-end) r1	rn	r2	Fig 8 check (✓)	All circuits to be completed using R1R2 or R2, not both R1 + R2	R2	Insulation resistance (Record lower reading) Test voltage V	L/L, L/N M(Ω)	L/E, N/E M(Ω)	Polarity (✓)	Max. Measured Zs (Ω)	RCD testing Above 30mA IΔn ms	30mA or below 5 IΔn ms	Manual test button operation RCD (✓)	AFDD (✓)
1/L1	Sockets	A	B	6	2.5	1.5	0.4	60898 MCB	B	10	6	N/A	3.49	N/A	N/A	N/A	N/A	0.14	N/A	250	LIM	>299	✓	0.66	N/A	N/A	N/A	N/A
2/L1	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
3/L1	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
4/L1	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Details of circuits and/or installed equipment vulnerable to damage when testing

Date(s) dead testing: 26/07/2022 To 26/07/2022

Date(s) live testing: 26/07/2022 To 26/07/2022

Tested by: Name (capital letters): LIAM KIMBLE Position: Electrical Test Engineer Date: 26/07/2022

Signature:

Wiring Types. A PVC/PVC, B PVC cables in metallic Conduit, C PVC cables in non-metallic Conduit, D PVC cables in metallic trunking, E PVC cables in non-metallic trunking, F PVC/SWA cables, G SWA/XPLE cables, H Mineral Insulated, MW Metal Work, FM Ferrous Metal, O Other
A/A1 - Single Core PVC Cables (4D1A), A/A2 - Multicore PVC Cables (4D2A), F/F1 - Single-core armoures PVC SWA Cables (4D3A), F/F2 - PVC SWA Cables (4D4A), A/A3 - PVC Twin & Earth (4D5), O/O1 - LSF single core cables 90°C rated (4E1A), O/O2 - Multi-core LSF cables 90°C rated (4E2A), G/G1 - Single-core armoured XLPE cables or 90°C rated (4E3A), G/G2 - Multi-core armoured XLPE cables or 90°C rated (4E4A), H/H1 - MICC exposed to touch (4G1A)

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for Industrial/Commercial Premises

FT/EICR 110151231

Requirements for Electrical Installations
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Company Name	PHS Compliance	**Company Address**	Kid Glove Road	**Postcode**	WA3 3GR	**Branch No.**	**Scheme No.**
Client	UPP Residential Services Ltd	**Installation Address**	Swansea University Bay Campus - Dryslwyn 1B & Nest 2, Reception - Ground Floor Tower Information Centre, Fabian Way, Crymlyn Burrows, Swansea, West Glamorgan	**Postcode**	SA1 8EN		

Distribution board details - Complete in every case

Location: Room 9 Riser [Schneider]
Designation: DB CL13/11-2
Num. of ways: 4 Num. of phases: 1
Supply polarity confirmed: ☑ Phase sequence confirmed: ☐

Complete only if the distribution board is not connected directly to the origin of the installation

Supply to distribution board is from: Sub Mains(DB CL13, 11/L1)
Overcurrent protective device for the distribution circuit: BS(EN) 61009 RCD/RCBO Type B Rating 32 A Voltage 230 V

Characteristics at this distribution board

Associated RCD(if any): BS (EN) 61008
Z_d 0.49 Ω No. of poles 2
I_{pf} 0.48 kA IΔn 30
Time delay (if applicable) N/A
Operating at 1 IΔn: Above 30mA 26.4 ms
Operating at 5 IΔn: 30mA or below 20.4 ms
(if applicable)

Test instrument serial number(s)

Loop impedance: 100701/4664
Insulation resistance: 100701/4664
Continuity: 100701/4664
RCD: 100701/4664

CIRCUIT DETAILS / TEST RESULTS

Circuit No. and Line No.	Distribution board Designation / Circuit designation	Type of wiring	Ref. method	No. of points	Circuit conductors csa (mm²) L / N	Circuit conductors csa (mm²) CPC	Maximum disconnection	Overcurrent protective devices BS EN Number	Type No.	Rating (A)	Breaking capacity (KA)	RCD operating (mA)	BS 7671 Max. permitted Zs Other 80% (Ω)	Circuit impedance Ω Ring final circuits only (measured end-to-end) r1	rn	r2	Fig 8 check (✓)	All circuits to be completed using R1R2 or R2, not both R1 + R2	R2	Insulation resistance (Record lower reading) Test voltage V	L/L, L/N M(Ω)	L/E, N/E M(Ω)	Polarity (✓)	Max. Measured Zs (Ω)	RCD testing Above 30mA IΔn ms	30mA or below 5 IΔn ms	Manual test button operation RCD (✓)	AFDD (✓)
1/L1	Sockets	A	B	6	2.5	1.5	0.4	60898 MCB	B	10	6	N/A	3.49	N/A	N/A	N/A	N/A	0.18	N/A	250	LIM	>299	✓	0.66	N/A	N/A	N/A	N/A
2/L1	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
3/L1	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
4/L1	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Details of circuits and/or installed equipment vulnerable to damage when testing

Date(s) dead testing: 26/07/2022 To 26/07/2022

Date(s) live testing: 26/07/2022 To 26/07/2022

Tested by: Name (capital letters): LIAM KIMBLE Position: Electrical Test Engineer Date: 26/07/2022

Signature:

Wiring Types. A PVC/PVC, B PVC cables in metallic Conduit, C PVC cables in non-metallic Conduit, D PVC cables in metallic trunking, E PVC cables in non-metallic trunking, F PVC/SWA cables, G SWA/XPLE cables, H Mineral Insulated, MW Metal Work, FM Ferrous Metal, O Other
A/A1 - Single Core PVC Cables (4D1A), A/A2 - Multicore PVC Cables (4D2A), F/F1 - Single-core armoures PVC SWA Cables (4D3A), F/F2 - PVC SWA Cables (4D4A), A/A3 - PVC Twin & Earth (4D5), O/O1 - LSF single core cables 90°C rated (4E1A), O/O2 - Multi-core LSF cables 90°C rated (4E2A), G/G1 - Single-core armoured XLPE cables or 90°C rated (4E3A), G/G2 - Multi-core armoured XLPE cables or 90°C rated (4E4A), H/H1 - MICC exposed to touch (4G1A)

ELECTRICAL INSTALLATION CONDITION REPORT - Schedule of Tests

for Industrial/Commercial Premises

FT/EICR 110151231

Requirements for Electrical Installations
BS 7671:2018 (IET Wiring Regulations 18th Edition)

Company Name	PHS Compliance	**Company Address**	Kid Glove Road	**Postcode**	WA3 3GR	**Branch No.**	**Scheme No.**
Client	UPP Residential Services Ltd	**Installation Address**	Swansea University Bay Campus - Dryslwyn 1B & Nest 2, Reception - Ground Floor Tower Information Centre, Fabian Way, Crymlyn Burrows, Swansea, West Glamorgan	**Postcode**	SA1 8EN		

Distribution board details - Complete in every case

Location: Room 3 Riser [Schneider]
Designation: DB CL13/12
Num. of ways: 4 Num. of phases: 1
Supply polarity confirmed: ☑ Phase sequence confirmed: ☐

Complete only if the distribution board is not connected directly to the origin of the installation

Supply to distribution board is from: Sub Mains(DB CL13, 12/L1)
Overcurrent protective device for the distribution circuit: BS(EN) 61009 RCD/RCBO Type B Rating 32 A Voltage 230 V

Characteristics at this distribution board

Associated RCD(if any): BS (EN) 61008
Z_d 0.46 Ω No. of poles 2
I_{pf} 0.52 kA IΔn 30
Time delay (if applicable) N/A
Operating at 1 IΔn: Above 30mA 28.2 ms
Operating at 5 IΔn: 30mA or below 25.2 ms
(if applicable)

Test instrument serial number(s)

Loop impedance: 100701/4664
Insulation resistance: 100701/4664
Continuity: 100701/4664
RCD: 100701/4664

CIRCUIT DETAILS / TEST RESULTS

Circuit No. and Line No.	Distribution board Designation / Circuit designation	Type of wiring	Ref. method	No. of points	Circuit conductors csa (mm²) L / N	Circuit conductors csa (mm²) CPC	Maximum disconnection	Overcurrent protective devices BS EN Number	Type No.	Rating (A)	Breaking capacity (KA)	RCD operating (mA)	BS 7671 Max. permitted Zs Other 80% (Ω)	Circuit impedance Ω Ring final circuits only (measured end-to-end) r1	rn	r2	Fig 8 check (✓)	All circuits to be completed using R1R2 or R2, not both R1 + R2	R2	Insulation resistance (Record lower reading) Test voltage V	L/L, L/N M(Ω)	L/E, N/E M(Ω)	Polarity (✓)	Max. Measured Zs (Ω)	RCD testing Above 30mA IΔn ms	30mA or below 5 IΔn ms	Manual test button operation RCD (✓)	AFDD (✓)
1/L1	Sockets	A	B	6	2.5	1.5	0.4	60898 MCB	B	10	6	N/A	3.49	N/A	N/A	N/A	N/A	0.15	N/A	250	LIM	>299	✓	0.74	N/A	N/A	N/A	N/A
2/L1	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
3/L1	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
4/L1	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Details of circuits and/or installed equipment vulnerable to damage when testing

Date(s) dead testing: 26/07/2022 To: 26/07/2022

Date(s) live testing: 26/07/2022 To: 26/07/2022

Tested by: Name (capital letters): LIAM KIMBLE Position: Electrical Test Engineer Date: 26/07/2022

Signature

Wiring Types. A PVC/PVC, B PVC cables in metallic Conduit, C PVC cables in non-metallic Conduit, D PVC cables in metallic trunking, E PVC cables in non-metallic trunking, F PVC/SWA cables, G SWA/XPLE cables, H Mineral Insulated, MW Metal Work, FM Ferrous Metal, O Other
A/A1 - Single Core PVC Cables (4D1A), A/A2 - Multicore PVC Cables (4D2A), F/F1 - Single-core armoures PVC SWA Cables (4D3A), F/F2 - PVC SWA Cables (4D4A), A/A3 - PVC Twin & Earth (4D5), O/O1 - LSF single core cables 90°C rated (4E1A), O/O2 - Multi-core LSF cables 90°C rated (4E2A), G/G1 - Single-core armoured XLPE cables or 90°C rated (4E3A), G/G2 - Multi-core armoured XLPE cables or 90°C rated (4E4A), H/H1 - MICC exposed to touch (4G1A)

ELECTRICAL INSTALLATION CONDITION REPORT - Schedule of Tests

for Industrial/Commercial Premises

FT/EICR 110151231

Requirements for Electrical Installations
BS 7671:2018 (IET Wiring Regulations 18th Edition)

Company Name	PHS Compliance	**Company Address**	Kid Glove Road	**Postcode**	WA3 3GR	**Branch No.**	**Scheme No.**
Client	UPP Residential Services Ltd	**Installation Address**	Swansea University Bay Campus - Dryslwyn 1B & Nest 2, Reception - Ground Floor Tower Information Centre, Fabian Way, Crymlyn Burrows, Swansea, West Glamorgan	**Postcode**	SA1 8EN		

Distribution board details - Complete in every case

Location: Room 2 Riser [Schneider]
Designation: DB CL13/12-1
Num. of ways: 4 Num. of phases: 1
Supply polarity confirmed: ☑ Phase sequence confirmed: ☐

Complete only if the distribution board is not connected directly to the origin of the installation

Supply to distribution board is from: Sub Mains(DB CL13, 12/L1)
Overcurrent protective device for the distribution circuit: BS(EN) 61009 RCD/RCBO Type B Rating 32 A Voltage 230 V

Characteristics at this distribution board

Associated RCD(if any): BS (EN) 61008
Z_d 0.46 Ω No. of poles 2
I_{pf} 0.52 kA IΔn 30
Time delay (if applicable) N/A
Operating at 1 IΔn Above 30mA 28.2 ms
Operating at 5 IΔn 30mA or below 25.2 ms
(if applicable)

Test instrument serial number(s)

Loop impedance 100701/4664
Insulation resistance 100701/4664
Continuity 100701/4664
RCD 100701/4664

CIRCUIT DETAILS / TEST RESULTS

Circuit No. and Line No.	Distribution board Designation / Circuit designation	Type of wiring	Ref. method	No. of points	Circuit conductors csa (mm²) L / N	Circuit conductors csa (mm²) CPC	Maximum disconnection	Overcurrent protective devices BS EN Number	Type No.	Rating (A)	Breaking capacity (KA)	RCD operating (mA)	BS 7671 Max. permitted Zs Other 80% (Ω)	Circuit impedance Ω Ring final circuits only (measured end-to-end) r1	rn	r2	Fig 8 check (✓)	All circuits to be completed using R1R2 or R2, not both R1 + R2	R2	Insulation resistance (Record lower reading) Test voltage V	L/L, L/N M(Ω)	L/E, N/E M(Ω)	Polarity (✓)	Max. Measured Zs (Ω)	RCD testing Above 30mA IΔn ms	RCD testing 30mA or below 5 IΔn ms	Manual test button operation RCD (✓)	Manual test button operation AFDD (✓)
1/L1	Sockets	A	B	6	2.5	1.5	0.4	60898 MCB	B	10	6	N/A	3.49	N/A	N/A	N/A	N/A	0.12	N/A	250	LIM	>299	✓	0.75	N/A	N/A	N/A	N/A
2/L1	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
3/L1	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
4/L1	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Details of circuits and/or installed equipment vulnerable to damage when testing

Date(s) dead testing 26/07/2022 To 26/07/2022

Date(s) live testing 26/07/2022 To 26/07/2022

Tested by: Name (capital letters) LIAM KIMBLE Position Electrical Test Engineer Date 26/07/2022

Signature

Wiring Types. A PVC/PVC, B PVC cables in metallic Conduit, C PVC cables in non-metallic Conduit, D PVC cables in metallic trunking, E PVC cables in non-metallic trunking, F PVC/SWA cables, G SWA/XPLE cables, H Mineral Insulated, MW Metal Work, FM Ferrous Metal, O Other
A/A1 - Single Core PVC Cables (4D1A), A/A2 - Multicore PVC Cables (4D2A), F/F1 - Single-core armoures PVC SWA Cables (4D3A), F/F2 - PVC SWA Cables (4D4A), A/A3 - PVC Twin & Earth (4D5), O/O1 - LSF single core cables 90°C rated (4E1A), O/O2 - Multi-core LSF cables 90°C rated (4E2A), G/G1 - Single-core armoured XLPE cables or 90°C rated (4E3A), G/G2 - Multi-core armoured XLPE cables or 90°C rated (4E4A), H/H1 - MICC exposed to touch (4G1A)

ELECTRICAL INSTALLATION CONDITION REPORT - Schedule of Tests

for Industrial/Commercial Premises

FT/EICR 110151231

Requirements for Electrical Installations
BS 7671:2018 (IET Wiring Regulations 18th Edition)

Company Name	PHS Compliance	**Company Address**	Kid Glove Road	**Postcode**	WA3 3GR	**Branch No.**	**Scheme No.**
Client	UPP Residential Services Ltd	**Installation Address**	Swansea University Bay Campus - Dryslwyn 1B & Nest 2, Reception - Ground Floor Tower Information Centre, Fabian Way, Crymlyn Burrows, Swansea, West Glamorgan	**Postcode**	SA1 8EN		

Distribution board details - Complete in every case

Location: Room 1 Riser [Schneider]
Designation: DB CL13/12-2
Num. of ways: 4 Num. of phases: 1
Supply polarity confirmed: ☑ Phase sequence confirmed: ☐

Complete only if the distribution board is not connected directly to the origin of the installation

Supply to distribution board is from: Sub Mains(DB CL13, 12/L1)
Overcurrent protective device for the distribution circuit: BS(EN) 61009 RCD/RCBO Type B Rating 32 A Voltage 230 V

Characteristics at this distribution board

Associated RCD(if any): BS (EN) 61008
Z_d 0.46 Ω No. of poles 2
I_{pf} 0.52 kA IΔn 30
Time delay (if applicable) N/A
Operating at 1 IΔn: Above 30mA 28.2 ms
Operating at 5 IΔn: 30mA or below 25.2 ms
(if applicable)

Test instrument serial number(s)

Loop impedance: 100701/4664
Insulation resistance: 100701/4664
Continuity: 100701/4664
RCD: 100701/4664

CIRCUIT DETAILS / TEST RESULTS

Circuit No. and Line No.	Distribution board Designation / Circuit designation	Type of wiring	Ref. method	No. of points	Circuit conductors csa (mm²) L / N	Circuit conductors csa (mm²) CPC	Maximum disconnection	Overcurrent protective devices BS EN Number	Type No.	Rating (A)	Breaking capacity (KA)	RCD operating (mA)	BS 7671 Max. permitted Zs Other 80% (Ω)	Circuit impedance Ω Ring final circuits only (measured end-to-end) r1	rn	r2	Fig 8 check (✓)	All circuits to be completed using R1R2 or R2, not both R1 + R2	R2	Insulation resistance (Record lower reading) Test voltage V	L/L, L/N M(Ω)	L/E, N/E M(Ω)	Polarity (✓)	Max. Measured Zs (Ω)	RCD testing Above 30mA IΔn ms	30mA or below 5 IΔn ms	Manual test button operation RCD (✓)	AFDD (✓)
1/L1	Sockets	A	B	6	2.5	1.5	0.4	60898 MCB	B	10	6	N/A	3.49	N/A	N/A	N/A	N/A	0.11	N/A	250	LIM	>299	✓	0.69	N/A	N/A	N/A	N/A
2/L1	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
3/L1	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
4/L1	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Details of circuits and/or installed equipment vulnerable to damage when testing

Date(s) dead testing: 26/07/2022 To 26/07/2022

Date(s) live testing: 26/07/2022 To 26/07/2022

Tested by: Name (capital letters): LIAM KIMBLE Position: Electrical Test Engineer Date: 26/07/2022

Signature:

Wiring Types. A PVC/PVC, B PVC cables in metallic Conduit, C PVC cables in non-metallic Conduit, D PVC cables in metallic trunking, E PVC cables in non-metallic trunking, F PVC/SWA cables, G SWA/XPLE cables, H Mineral Insulated, MW Metal Work, FM Ferrous Metal, O Other
A/A1 - Single Core PVC Cables (4D1A), A/A2 - Multicore PVC Cables (4D2A), F/F1 - Single-core armoures PVC SWA Cables (4D3A), F/F2 - PVC SWA Cables (4D4A), A/A3 - PVC Twin & Earth (4D5), O/O1 - LSF single core cables 90°C rated (4E1A), O/O2 - Multi-core LSF cables 90°C rated (4E2A), G/G1 - Single-core armoured XLPE cables or 90°C rated (4E3A), G/G2 - Multi-core armoured XLPE cables or 90°C rated (4E4A), H/H1 - MICC exposed to touch (4G1A)

ELECTRICAL INSTALLATION CONDITION REPORT - Schedule of Tests

for Industrial/Commercial Premises

FT/EICR 110151231

Requirements for Electrical Installations
BS 7671:2018 (IET Wiring Regulations 18th Edition)

Company Name	PHS Compliance	**Company Address**	Kid Glove Road	**Postcode**	WA3 3GR	**Branch No.**	**Scheme No.**
Client	UPP Residential Services Ltd	**Installation Address**	Swansea University Bay Campus - Dryslwyn 1B & Nest 2, Reception - Ground Floor Tower Information Centre, Fabian Way, Crymlyn Burrows, Swansea, West Glamorgan	**Postcode**	SA1 8EN		

Distribution board details - Complete in every case

Location: Flat 4 Nest Riser [Schneider]
Designation: DB LL2/P
Num. of ways: 14 Num. of phases: 3
Supply polarity confirmed ☑ Phase sequence confirmed ☑

Complete only if the distribution board is not connected directly to the origin of the installation

Supply to distribution board is from: Sub Mains(BB Nest, 1/TP)
Overcurrent protective device for the distribution circuit: BS(EN) 88-2 HRC; Type gG; Rating 100 A; Voltage V

Characteristics at this distribution board

Associated RCD(if any): BS (EN) N/A
Z_d 0.11 Ω; I_{pf} 4.4 kA; No. of poles N/A; IΔn N/A; Time delay (if applicable)
Operating at 1 IΔn: Above 30mA N/A ms; 30mA or below
Operating at 5 IΔn N/A ms (if applicable)

Test instrument serial number(s)

Loop impedance 100701/4664
Insulation resistance 100701/4664
Continuity 100701/4664
RCD 100701/4664

CIRCUIT DETAILS / TEST RESULTS

Circuit No. and Line No.	Distribution board Designation / Circuit designation	Type of wiring	Ref. method	No. of points	Circuit conductors csa (mm²) L / N	Circuit conductors csa (mm²) CPC	Maximum disconnection	Overcurrent protective devices BS EN Number	Type No.	Rating (A)	Breaking capacity (KA)	RCD operating (mA)	BS 7671 Max. permitted Zs Other 80% (Ω)	Circuit impedance Ω Ring final circuits only (measured end-to-end) r1	rn	r2	Fig 8 check (✓)	All circuits to be completed using R1R2 or R2, not both R1 + R2	R2	Insulation resistance (Record lower reading) Test voltage V	L/L, L/N M(Ω)	L/E, N/E M(Ω)	Polarity (✓)	Max. Measured Zs (Ω)	RCD testing Above 30mA IΔn ms	30mA or below 5 IΔn ms	Manual test button operation RCD (✓)	AFDD (✓)
1/L1	G Floor Cleaners Sockets	A	B	10	2x2.5	2x1.5	0.4	61009 RCD/RCBO	B	32	10	30	1.09	0.84	0.84	1.22	✓	0.52	N/A	250	LIM	>299	✓	0.74	28.4	22.0	✓	N/A
1/L2	G Floor IT Hub Commando	A	B	1	4	1.5	0.4	60898 MCB	B	16	10	N/A	2.18	N/A	N/A	N/A	N/A	0.19	N/A	250	LIM	>299	✓	0.38	N/A	N/A	N/A	N/A
1/L3	1st Floor Cleaner Sockets	A	B	10	2x2.5	2x1.5	0.4	61009 RCD/RCBO	B	32	10	30	1.09	0.72	0.72	0.97	✓	0.42	N/A	250	LIM	>299	✓	0.72	29.2	25.6	✓	N/A
2/L1	G Floor Door Access	A	B	1	2.5	1.5	0.4	60898 MCB	B	16	10	N/A	2.18	N/A	N/A	N/A	N/A	0.29	N/A	250	LIM	>299	✓	0.50	N/A	N/A	N/A	N/A
2/L2	G Floor IT Hub Commando 2	A	B	1	4	1.5	0.4	60898 MCB	B	16	10	N/A	2.18	N/A	N/A	N/A	N/A	0.15	N/A	250	LIM	>299	✓	0.38	N/A	N/A	N/A	N/A
2/L3	1st Floor Smoke Shaft AOD	O	C	1	2.5	1.5	0.4	60898 MCB	C	16	10	N/A	1.09	N/A	N/A	N/A	N/A	0.24	N/A	250	LIM	>299	✓	0.44	N/A	N/A	N/A	N/A
3/L1	G Floor Power Assisted Door	A	B	2	2.5	1.5	0.4	60898 MCB	C	16	10	N/A	1.09	N/A	N/A	N/A	N/A	0.19	N/A	250	LIM	>299	✓	0.49	N/A	N/A	N/A	N/A
3/L2	G Floor IT Hub Commando 3	A	B	1	4	1.5	0.4	60898 MCB	B	16	10	N/A	2.18	N/A	N/A	N/A	N/A	0.15	N/A	250	LIM	>299	✓	0.42	N/A	N/A	N/A	N/A
3/L3	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
4/L1	G Floor Power assissted Doors	A	B	2	2.5	1.5	0.4	60898 MCB	C	16	10	N/A	1.09	N/A	N/A	N/A	N/A	0.17	N/A	250	LIM	>299	✓	0.38	N/A	N/A	N/A	N/A
4/L2	G Floor IT Ring	A	B	4	2x2.5	2x1.5	0.4	61009 RCD/RCBO	B	32	10	30	1.09	0.47	0.47	0.68	✓	0.29	N/A	250	LIM	>299	✓	0.59	27.6	17.4	✓	N/A
4/L3	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
5/L1	G Floor Intercom PSU	A	B	1	2.5	1.5	0.4	60898 MCB	B	16	10	N/A	2.18	N/A	N/A	N/A	N/A	0.30	N/A	250	LIM	>299	✓	0.44	N/A	N/A	N/A	N/A
5/L2	G Floor IT Tube Heater	A	B	1	4	1.5	0.4	60898 MCB	B	16	10	N/A	2.18	N/A	N/A	N/A	N/A	0.27	N/A	250	LIM	>299	✓	0.39	N/A	N/A	N/A	N/A
5/L3	2nd Floor Comms Commando	A	B	1	4	1.5	0.4	60898 MCB	B	16	10	N/A	2.18	N/A	N/A	N/A	N/A	0.30	N/A	250	LIM	>299	✓	0.48	N/A	N/A	N/A	N/A
6/L1	G Floor Smoke AOD	O	C	1	2.5	2.5	0.4	60898 MCB	C	16	10	N/A	1.09	N/A	N/A	N/A	N/A	0.22	N/A	250	LIM	>299	✓	0.40	N/A	N/A	N/A	N/A

Details of circuits and/or installed equipment vulnerable to damage when testing

Date(s) dead testing: 18/08/2022 To 18/08/2022
Date(s) live testing: 18/08/2022 To 18/08/2022

Tested by: Name (capital letters) LIAM KIMBLE Position Electrical Test Engineer Date 18/08/2022
Signature

Wiring Types. A PVC/PVC, B PVC cables in metallic Conduit, C PVC cables in non-metallic Conduit, D PVC cables in metallic trunking, E PVC cables in non-metallic trunking, F PVC/SWA cables, G SWA/XPLE cables, H Mineral Insulated, MW Metal Work, FM Ferrous Metal, O Other
A/A1 - Single Core PVC Cables (4D1A), A/A2 - Multicore PVC Cables (4D2A), F/F1 - Single-core armoures PVC SWA Cables (4D3A), F/F2 - PVC SWA Cables (4D4A), A/A3 - PVC Twin & Earth (4D5), O/O1 - LSF single core cables 90°C rated (4E1A), O/O2 - Multi-core LSF cables 90°C rated (4E2A), G/G1 - Single-core armoured XLPE cables or 90°C rated (4E3A), G/G2 - Multi-core armoured XLPE cables or 90°C rated (4E4A), H/H1 - MICC exposed to touch (4G1A)

ELECTRICAL INSTALLATION CONDITION REPORT - Schedule of Tests

FT/EICR 110151231

for Industrial/Commercial Premises

Requirements for Electrical Installations
BS 7671:2018 (IET Wiring Regulations 18th Edition)

CIRCUIT DETAILS / TEST RESULTS

Circuit No. and Line No.	Distribution board Designation / Circuit designation	Type of wiring	Ref. method	No. of points	Circuit conductors csa (mm²) L / N	Circuit conductors csa (mm²) CPC	Maximum disconnection	Overcurrent protective devices BS EN Number	Overcurrent protective devices Type No.	Overcurrent protective devices Rating (A)	Breaking capacity (KA)	RCD operating (mA)	BS 7671 Max. permitted Zs Other 80% (Ω)	Circuit impedance Ω Ring final circuits only (measured end-to-end) r1	rn	r2	Fig 8 check (✓)	All circuits to be completed using R1R2 or R2, not both R1 + R2	R2	Insulation resistance (Record lower reading) Test voltage V	L/L, L/N M(Ω)	L/E, N/E M(Ω)	Polarity (✓)	Max. Measured Zs (Ω)	RCD testing Above 30mA IΔn ms	30mA or below 5 IΔn ms	Manual test button operation RCD (✓)	AFDD (✓)
6/L2	Second Floor Cleaners Socket	A	B	7	2x2.5	2x1.5	0.4	61009 RCD/RCBO	B	32	10	30	1.09	1.00	1.00	0.95	✓	0.49	N/A	250	LIM	>299	✓	0.66	28.8	27.2	✓	N/A
6/L3	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
7/L1	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
7/L2	Second Smoke Shaft AOD	O	C	1	2.5	2.5	0.4	60898 MCB	C	16	10	N/A	1.09	N/A	N/A	N/A	N/A	0.18	N/A	250	LIM	>299	✓	0.39	N/A	N/A	N/A	N/A
7/L3	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
8/L1	Maglocks G Floor	A	B	2	2.5	1.5	0.4	60898 MCB	C	16	10	N/A	1.09	N/A	N/A	N/A	N/A	0.22	N/A	250	LIM	>299	✓	0.40	N/A	N/A	N/A	N/A
8/L2	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
8/L3	2nd Floor Comms Commando 2	A	B	1	4	1.5	0.4	60898 MCB	B	16	10	N/A	2.18	N/A	N/A	N/A	N/A	0.18	N/A	250	LIM	>299	✓	0.38	N/A	N/A	N/A	N/A
9/L1	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
9/L2	1st Floor Maglocks	A	B	2	2.5	1.5	0.4	60898 MCB	C	16	10	N/A	1.09	N/A	N/A	N/A	N/A	0.12	N/A	250	LIM	>299	✓	0.33	N/A	N/A	N/A	N/A
9/L3	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/L1	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/L2	2md Floor Maglocks	A	B	2	2.5	1.5	0.4	60898 MCB	C	16	10	N/A	1.09	N/A	N/A	N/A	N/A	0.18	N/A	250	LIM	>299	✓	0.40	N/A	N/A	N/A	N/A
10/L3	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/TP	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
12/TP	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
13/TP	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
14/TP	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Details of circuits and/or installed equipment vulnerable to damage when testing

Date(s) dead testing 18/08/2022 To 18/08/2022

Date(s) live testing 18/08/2022 To 18/08/2022

Tested by: Name (capital letters) LIAM KIMBLE Position Electrical Test Engineer Date 18/08/2022

Signature

Wiring Types. A PVC/PVC, B PVC cables in metallic Conduit, C PVC cables in non-metallic Conduit, D PVC cables in metallic trunking, E PVC cables in non-metallic trunking, F PVC/SWA cables, G SWA/XPLE cables, H Mineral Insulated, MW Metal Work, FM Ferrous Metal, O Other
A/A1 - Single Core PVC Cables (4D1A), A/A2 - Multicore PVC Cables (4D2A), F/F1 - Single-core armoures PVC SWA Cables (4D3A), F/F2 - PVC SWA Cables (4D4A), A/A3 - PVC Twin & Earth (4D5), O/O1 - LSF single core cables 90°C rated (4E1A), O/O2 - Multi-core LSF cables 90°C rated (4E2A), G/G1 - Single-core armoured XLPE cables or 90°C rated (4E3A), G/G2 - Multi-core armoured XLPE cables or 90°C rated (4E4A), H/H1 - MICC exposed to touch (4G1A)

ELECTRICAL INSTALLATION CONDITION REPORT - Schedule of Tests

for Industrial/Commercial Premises

FT/EICR 110151231

Requirements for Electrical Installations
BS 7671:2018 (IET Wiring Regulations 18th Edition)

Company Name	PHS Compliance	**Company Address**	Kid Glove Road	**Postcode**	WA3 3GR	**Branch No.**	**Scheme No.**
Client	UPP Residential Services Ltd	**Installation Address**	Swansea University Bay Campus - Dryslwyn 1B & Nest 2, Reception - Ground Floor Tower Information Centre, Fabian Way, Crymlyn Burrows, Swansea, West Glamorgan	**Postcode**	SA1 8EN		

Distribution board details - Complete in every case

Location: Flat 4 Nest Riser [Schneider]
Designation: DB LL2/L
Num. of ways: 8 Num. of phases: 3
Supply polarity confirmed ☑ Phase sequence confirmed ☑

Complete only if the distribution board is not connected directly to the origin of the installation

Supply to distribution board is from: Sub Mains(BB Nest, 1/TP)
Overcurrent protective device for the distribution circuit: BS(EN) 88-2 HRC gG; Type gG; Rating 100 A; Voltage 400 V
Time delay (if applicable): N/A

Characteristics at this distribution board

Associated RCD(if any): BS (EN): N/A
Z_d 0.11 Ω; I_{pf} 4.4 kA
No. of poles: N/A
IΔn: N/A
Operating at 1 IΔn: Above 30mA N/A ms; 30mA or below
Operating at 5 IΔn: N/A ms
(if applicable)

Test instrument serial number(s)

Loop impedance: 100701/4664
Insulation resistance: 100701/4664
Continuity: 100701/4664
RCD: 100701/4664

CIRCUIT DETAILS / TEST RESULTS

Circuit No. and Line No.	Distribution board Designation / Circuit designation	Type of wiring	Ref. method	No. of points	Circuit conductors csa (mm²) L / N	Circuit conductors csa (mm²) CPC	Maximum disconnection	Overcurrent protective devices BS EN Number	Type No.	Rating (A)	Breaking capacity (KA)	RCD operating (mA)	BS 7671 Max. permitted Zs Other 80% (Ω)	Circuit impedance Ω: Ring final circuits only (measured end-to-end) r1	rn	r2	Fig 8 check (✓)	All circuits to be completed using R1R2 or R2, not both: R1 + R2	R2	Insulation resistance (Record lower reading) Test voltage V	L/L, L/N M(Ω)	L/E, N/E M(Ω)	Polarity (✓)	Max. Measured Zs (Ω)	RCD testing: Above 30mA IΔn ms	30mA or below 5 IΔn ms	Manual test button operation: RCD (✓)	AFDD (✓)
1/L1	G Floor Corridor Lighting	A	B	10	1.5	1	0.4	61009 RCD/RCBO	C	10	10	30	1.75	N/A	N/A	N/A	N/A	0.53	N/A	250	LIM	>299	✓	0.77	27.4	28.4	✓	N/A
1/L2	1st Floor Corridor Lighting	A	B	10	1.5	1	0.4	61009 RCD/RCBO	C	10	10	30	1.75	N/A	N/A	N/A	N/A	0.55	N/A	250	LIM	>299	✓	0.64	28.5	23.8	✓	N/A
1/L3	2nd Floor Corridor Lighting	A	B	10	1.5	1	0.4	61009 RCD/RCBO	C	10	10	30	1.75	N/A	N/A	N/A	N/A	0.48	N/A	250	LIM	>299	✓	0.59	29.9	27.5	✓	N/A
2/L1	G Floor Corridor Lighting 2	A	B	10	1.5	1	0.4	61009 RCD/RCBO	C	10	10	30	1.75	N/A	N/A	N/A	N/A	0.52	N/A	250	LIM	>299	✓	0.69	28.5	22.8	✓	N/A
2/L2	1st Floor Corridor Lighting 2	A	B	10	1.5	1	0.4	61009 RCD/RCBO	C	10	10	30	1.75	N/A	N/A	N/A	N/A	0.44	N/A	250	LIM	>299	✓	0.58	26.4	26.0	✓	N/A
2/L3	2nd Floor Corridor Lighting 2	A	B	10	1.5	1	0.4	61009 RCD/RCBO	C	10	10	30	1.75	N/A	N/A	N/A	N/A	0.52	N/A	250	LIM	>299	✓	0.67	28.8	29.0	✓	N/A
3/L1	G Floor Stair Lights	A	B	9	1.5	1	0.4	61009 RCD/RCBO	C	10	10	30	1.75	N/A	N/A	N/A	N/A	0.66	N/A	250	LIM	>299	✓	0.74	25.4	20.5	✓	N/A
3/L2	1st Floor Stair Lights	A	B	7	1.5	1	0.4	61009 RCD/RCBO	C	10	10	30	1.75	N/A	N/A	N/A	N/A	0.49	N/A	250	LIM	>299	✓	0.55	22.2	16.4	✓	N/A
3/L3	2nd Floor Stair Lights	A	B	7	1.5	1	0.4	61009 RCD/RCBO	C	10	10	30	1.75	N/A	N/A	N/A	N/A	0.33	N/A	250	LIM	>299	✓	0.49	29.4	28.6	✓	N/A
4/L1	G Floor IT Lighting	A	B	2	1.5	1	0.4	61009 RCD/RCBO	C	10	10	30	1.75	N/A	N/A	N/A	N/A	0.60	N/A	250	LIM	>299	✓	0.82	28.0	27.4	✓	N/A
4/L2	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
4/L3	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
5/L1	Bus Lighting	A	B	1	2.5	1.5	0.4	61009 RCD/RCBO	C	16	10	30	1.09	N/A	N/A	N/A	N/A	0.22	N/A	250	LIM	>299	✓	0.38	29.4	27.9	✓	N/A
5/L2	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Details of circuits and/or installed equipment vulnerable to damage when testing

Date(s) dead testing: 18/08/2022 To: 18/08/2022

Date(s) live testing: 18/08/2022 To: 18/08/2022

Signature

Tested by: Name (capital letters): LIAM KIMBLE Position: Electrical Test Engineer Date: 18/08/2022

Wiring Types. A PVC/PVC, B PVC cables in metallic Conduit, C PVC cables in non-metallic Conduit, D PVC cables in metallic trunking, E PVC cables in non-metallic trunking, F PVC/SWA cables, G SWA/XPLE cables, H Mineral Insulated, MW Metal Work, FM Ferrous Metal, O Other
A/A1 - Single Core PVC Cables (4D1A), A/A2 - Multicore PVC Cables (4D2A), F/F1 - Single-core armoures PVC SWA Cables (4D3A), F/F2 - PVC SWA Cables (4D4A), A/A3 - PVC Twin & Earth (4D5), O/O1 - LSF single core cables 90°C rated (4E1A), O/O2 - Multi-core LSF cables 90°C rated (4E2A), G/G1 - Single-core armoured XLPE cables or 90°C rated (4E3A), G/G2 - Multi-core armoured XLPE cables or 90°C rated (4E4A), H/H1 - MICC exposed to touch (4G1A)

ELECTRICAL INSTALLATION CONDITION REPORT - Schedule of Tests

FT/EICR 110151231

for Industrial/Commercial Premises

Requirements for Electrical Installations
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CIRCUIT DETAILS														TEST RESULTS																
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5/L3	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
6/TP	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
7/TP	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
8/TP	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

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Date(s) dead testing 18/08/2022 To 18/08/2022

Date(s) live testing 18/08/2022 To 18/08/2022

Tested by: Name (capital letters) LIAM KIMBLE

Position Electrical Test Engineer

Date 18/08/2022

Signature

Wiring Types. A PVC/PVC, B PVC cables in metallic Conduit, C PVC cables in non-metallic Conduit, D PVC cables in metallic trunking, E PVC cables in non-metallic trunking, F PVC/SWA cables, G SWA/XPLE cables, H Mineral Insulated, MW Metal Work, FM Ferrous Metal, O Other
A/A1 - Single Core PVC Cables (4D1A), A/A2 - Multicore PVC Cables (4D2A), F/F1 - Single-core armoures PVC SWA Cables (4D3A), F/F2 - PVC SWA Cables (4D4A), A/A3 - PVC Twin & Earth (4D5), O/O1 - LSF single core cables 90°C rated (4E1A), O/O2 - Multi-core LSF cables 90°C rated (4E2A), G/G1 - Single-core armoured XLPE cables or 90°C rated (4E3A), G/G2 - Multi-core armoured XLPE cables or 90°C rated (4E4A), H/H1 - MICC exposed to touch (4G1A)

Generic Continuation

General Conditions of the Electrical Installation:
Origin of Supply
The service head, meter and supply authority fuse are in the Dryslwyn mains room

Main Earthing Arrangements
The Main Earthing arrangement for the installation appears to be TN-C-S.

Incoming Services
The main incoming water supply appears to enter the property in each of the mains room for both buildings. The main bond is a 50mm copper conductor with warning labels attached.
The main incoming gas supply appears to enter the property riser cupboards located at the front of the buildings.
The main bond is a 50mm copper conductor with warning labels attached.

Wiring Systems.
The wiring systems utilized for final circuit wiring in the installation are PVC/PVC T&E cable (A)
Installation methods used are clipped direct or in trunking on the wall.

Observation notes
All information and documentation (where available) were used to help compile this report.
Circuit charts should be present for each Distribution Board providing relevant information in accordance with Regulation 514.9.1 of the BS 7671:2018.
On the distribution board schedules of circuit details cable types and sizes have been typed in as what is visible at the distribution board only.
Circuits may have been jointed with a different cable type further along the circuit
Only a percentage of the installation has been dismantled for inspection purposes. The correct connection of every conductor and link throughout the premises cannot be ensured.

Additional Comments
No access to sealed supply authority fuses therefore Characteristics of Primary Supply Protective Devices are not filled in on page 2.
A new regulation 421.1.7 has been introduced recommending the installation of Arc Fault detection devices conforming to BS EN 62606 to mitigate the risk of fire in AC final circuits of a fixed installation due to arc fault currents.
This installation has been designed and installed prior to July 2018.There is no evidence of
Over-voltage protection within the electrical installation, we recommend Surge Protective Devices be installed in order to reduce the risk of damage to the installation by external transient
Over-voltage's or switching.

Overall Assessment
In general, the installation is in a good condition but is (Un)Satisfactory due to the C2, F/I defects in section K, which require urgent action, with the code 3 observations requiring early attention. Assuming attention is brought to the observations and recommendations listed within section K, it is recommended a maximum 5-year period for the next inspection and test to be carried out.

Abbreviations contained in this Report: -
RHS – Right Hand Side
LHS – Left Hand Side
D/B - Distribution board.
RCD - Residual current device.
CPC - Circuit protective conductor.
FCU – Fused Connection Unit.
CSA - Cross Sectional Area.
MET – Main Earthing Terminal.
LIM – Limitation (Agreed or Operational)
MIC – Sheath of MICC cable used as CPC
SWA – Steel Wire Armouring used as CPC
MW – Metalwork used as CPC.
FP – FP200 Fire Resistant Cable.

Remarks:

DB PL/P Remarks:
1/L2 - Head Of Smoke Shaft AOV: O=FP200

DB LL4/P Remarks:
2/L1 - 4th Floor Smoke Shaft AOD: O=FP200
2/L2 - 3rd Floor Smoke Shaft AOD: O=FP200
2/L3 - 5th Floor Smoke Shaft: O=FP200
3/L1 - 4th Floor End Of Corridor AOV: O=FP200
5/L1 - 6th Floor Smoke Shaft AOD: O=FP200
6/L1 - 6th Floor Head of Stair Core AOV: FP200

DB LL1/P Remarks:
2/L3 - 1st Floor Smoke Shaft AOD: O=FP200
4/L2 - 2md Floor Smoke Shaft AOD: o=FP200
6/L1 - G Floor Smoke Shaft AOD: O=FP200

DB LL3/P Remarks:
2/L1 - 4th Floor Smoke Shaft AOD: O=FP200
2/L2 - 3rd Floor Smoke Shaft AOD: O=FP200

2/L3 - 5th Floor Smoke Shaft AOD: O=FP200
3/L1 - 4th Floor Smoke Shaft AOD: O=FP200
3/L3 - 5th Floor Stair Core AOD: fp200
4/L3 - Roof Top AOV: fp200

DB LL2/P Remarks:
2/L3 - 1st Floor Smoke Shaft AOD: O=FP200
6/L1 - G Floor Smoke AOD: O=FP200
7/L2 - Second Smoke Shaft AOD: O=FP200