APPROVED CONTRACTOR

This certificate is not valid if the serial number has been defaced or altered ICN3C/ 00561288

ELECTRICAL INSTALLATION CERTIFICATE

Issued in accordance with *British Standard 7671 – Requirements for Electrical Installations* by an Approved Contractor or Conforming Body enrolled with NICEIC, Warwick House, Houghton Hall Park, Houghton Regis, Dunstable, LU5 5ZX

Original (To the person ordering the work)

DETAILS OF THE CLIENT

Client / Address: St Modwen Park Point, 17 High Street, Longbridge, Birmingham, West Midlands, B31 2UQ

DETAILS OF THE INSTALLATION

The installation is: New ✔ / An addition / An alteration

Address: Building 9, Swansea Bay Science and Innovation Campus,, Residential Buildings SA1 8DD

Extent of the installation covered by this certificate: Building 9 fixed wiring whole installation as per test result sheets.

DESIGN

I/We, being the person(s) responsible for the design of the electrical installation (as indicated by my/our signature(s) below), particulars of which are described above, having exercised reasonable skill and care when carrying out the design, hereby CERTIFY that the design work for which I/we have been responsible is, to the best of my/our knowledge and belief, in accordance with BS 7671 amended to 17th Edition, Amendment 1:2011 (date) except for the departures, if any, detailed as follows:

Details of departures from BS 7671, as amended (Regulations 120.3, 133.5): None

The extent of liability of the signatory/signatories is limited to the work described above as the subject of this certificate.
For the **DESIGN** of the installation: **(*Where there is divided responsibility for the design*)

Signature	S Pridmore	Date	11/09/2015	Name (CAPITALS)	STEVEN PRIDMORE Designer 1
Signature	C Morgan	Date	11/09/2015	Name (CAPITALS)	CHRIS MORGAN ** Designer 2

CONSTRUCTION

I/We, being the person(s) responsible for the construction of the electrical installation (as indicated by my/our signature below), particulars of which are described above, having exercised reasonable skill and care when carrying out the construction, hereby CERTIFY that the construction work for which I/we have been responsible is, to the best of my/our knowledge and belief, in accordance with BS 7671 amended to 17th Edition, Amendment 1:2011 (date) except for the the departures, if any, detailed as follows:

Details of departures from BS 7671, as amended (Regulations 120.3, 133.5): None

The extent of liability of the signatory is limited to the work described above as the subject of this certificate.
For the **CONSTRUCTION** of the installation:

Signature	S Pridmore	Date	11/09/2015	Name (CAPITALS)	STEVEN PRIDMORE Constructor

INSPECTION AND TESTING

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 CERTIFY that the work for which I/we have been responsible is to the best of my/our knowledge and belief in accordance with BS 7671, amended to 17th Edition, Amendment 1:2011 (date) except for the departures, if any, detailed as follows:

Details of departures from BS 7671, as amended (Regulations 120.3, 133.5): None

The extent of liability of the signatory/signatories is limited to the work described above as the subject of this certificate.
For the **INSPECTION AND TESTING** of the installation:

Signature	J L Scriven	Date	10/09/2015	Name (CAPITALS)	JUSTIN SCRIVEN	Inspector	
Reviewed by							
Signature		Date	10/09/2015	Name (CAPITALS)	CLAYTON EVANS	Qualified Supervisor †	

DESIGN, CONSTRUCTION, INSPECTION AND TESTING *

* This box to be completed only where the design, construction, inspection and testing have been the responsibility of one person.

I, being the person responsible for the design, construction, inspection and testing of the electrical installation (as indicated by my signature below), particulars of which are described above, having exercised reasonable skill and care when carrying out the design, construction, inspection and testing, hereby CERTIFY that the said work for which I have been responsible is to the best of my knowledge and belief in accordance with BS 7671, amended to (date) except for the departures, if any, detailed as follows:

Details of departures from BS 7671, as amended (Regulations 120.3, 133.5):

The extent of liability of the signatory is limited to the work described above as the subject of this certificate.
For the **DESIGN**, the **CONSTRUCTION** and the **INSPECTION AND TESTING** of the installation.

Signature		Date		Name (CAPITALS)			
Reviewed by							
Signature		Date		Name (CAPITALS)		Qualified Supervisor ††	

† *Where the inspection and testing have been carried out by an Approved Contractor, the inspection and testing results are to be reviewed by the registered Qualified Supervisor.*

†† *Where the design, the construction, and the inspection and testing have been the responsibility of one person, the inspection and testing results are to be reviewed by the registered Qualified Supervisor.*

This certificate is based on the model forms shown in Appendix 6 of BS 7671

Please see the 'Notes for Recipients' on the reverse of this page.

NOTES FOR RECIPIENT

THIS SAFETY CERTIFICATE IS AN IMPORTANT AND VALUABLE DOCUMENT WHICH SHOULD BE RETAINED FOR FUTURE REFERENCE

This safety certificate has been issued to confirm that the electrical installation work to which it relates has been designed, constructed, inspected, tested and verified in accordance with the national standard for the safety of electrical installations, British Standard 7671 (as amended) - *Requirements for Electrical Installations*.

Where, as will often be the case, the installation incorporates a residual current device (RCD), there should be a notice at or near the main switchboard or consumer unit stating that the device should be tested at quarterly intervals. For safety reasons, it is important that you carry out the test regularly.

Also for safety reasons, the complete electrical installation will need to be inspected and tested at appropriate intervals by a competent person. NICEIC* recommends that you engage the services of an Approved Contractor for this purpose. The maximum interval recommended before the next inspection is stated on Page 2 under *Next Inspection*. There should be a notice at or near the main switchboard or consumer unit indicating when the inspection of the installation is next due.

Only an NICEIC Approved Contractor or Conforming Body responsible for the **construction** of the electrical installation is authorised to issue this NICEIC Electrical Installation Certificate.

The certificate consists of at least five numbered pages. The certificate is invalid if any of the five pages are missing. The certificate has a printed seven-digit serial number which is traceable to the Approved Contractor to which it was supplied by NICEIC.

For installations having more than one distribution board or more circuits than can be recorded on pages 4 and 5, one or more additional *Schedules of Circuit Details for the Installation*, and *Schedules of Test Results for the Installation* (pages 6 and 7 onwards) should form part of the certificate.

This certificate is intended to be issued only for a new electrical installation or for new work associated with an alteration or addition to an existing installation. It should not have been issued for the inspection of an existing electrical installation. An 'Electrical Installation Condition Report' or, where appropriate, a Domestic Electrical Installation Condition Report should be issued for such a periodic inspection.

This certificate should not have been issued for electrical work in a potentially explosive atmosphere (hazardous area) unless the Approved Contractor holds an appropriate extension to NICEIC enrolment for such work.

You should have received the certificate marked 'Original' and the Approved Contractor should have retained the certificate marked 'Duplicate'.

If you were the person ordering the work, but not the user of the installation, you should pass this certificate, or a full copy of it including these notes, the schedules and additional pages (if any), immediately to the user.

The 'Original' certificate should be retained in a safe place and shown to any person inspecting or undertaking further work on the electrical installation in the future. If you later vacate the property, this certificate will demonstrate to the new user that the electrical installation complied with the requirements of the national electrical safety standard at the time the certificate was issued.

Page 1 of this certificate provides details of the electrical installation, together with the name(s) and signature(s) of the person(s) certifying the three elements of installation work: design, construction and inspection and testing. Page 2 identifies the organisation(s) responsible for the work certified by their representative(s).

Certification for inspection and testing provides an assurance that the electrical installation work has been fully inspected and tested, and that the electrical work has been carried out in accordance with the requirements of BS 7671 (except for any departures sanctioned by the designer) and recorded in the appropriate box(es) of the certificate.

* *NICEIC is a part of the Ascertiva Group, a wholly owned subsidiary of The Electrical Safety Council. Under license from The Electrical Safety Council, NICEIC acts as the electrical contracting industry's independent voluntary body for electrical installation safety matters throughout the UK, and maintains and publishes registers of electrical contractors that it has assessed against particular scheme requirements (including the technical standard of electrical work).*

For further information about electrical safety and how NICEIC can help you, visit **www.niceic.com**

continued on the reverse of page 2

NOTES FOR RECIPIENT
(continued from the reverse of page 1)

Where responsibility for the *design*, the *construction* and the *inspection and testing* of the electrical work is divided between the Approved Contractor and one or more other bodies, the division of responsibility should have been established and agreed before commencement of the work. In such a case, NICEIC considers that the absence of certification for the *construction*, or the *inspection and testing* elements of the work would render the certificate invalid. If the *design* section of the certificate has not been completed, NICEIC recommends that you question why those responsible for the design have not certified that this important element of the work is in accordance with the national electrical safety standard.

Where the electrical work to which this certificate relates includes the installation of a fire alarm system and/or an emergency lighting system (or a part of such systems) in accordance with British Standards BS 5839 and BS 5266 respectively, this electrical safety certificate should be accompanied by a separate certificate or certificates as prescribed by those standards.

Where the installation can be supplied by more than one source, such as the public supply and a standby generator, the number of sources should have been recorded in the box entitled Number of Sources, under the general heading *Supply Characteristics and Earthing Arrangements* on page 2 of the certificate, and the *Schedule of Test Results* compiled accordingly. Where a number of sources are available to supply the installation, and where the data given for the primary source may differ from other sources, an additional page should have been provided which gives the relevant information relating to each additional source, and to the associated earthing arrangements and main switchgear.

Should the person ordering the work (e.g. the client, as identified on Page 1 of this certificate), have reason to believe that any element of the work for which the Approved Contractor has accepted responsibility (as indicated by the signatures on this certificate) does not comply with the requirements of the national electrical safety standard (BS 7671), the client should in the first instance raise the specific concerns in writing with the Approved Contractor. If the concerns remain unresolved, the client may make a formal complaint to NICEIC, for which purpose a standard complaint form is available on request.

The complaints procedure offered by NICEIC is subject to certain terms and conditions, full details of which are available upon application. NICEIC does not investigate complaints relating to the operational performance of electrical installations (such as lighting levels), or to contractual or commercial issues (such as time or cost).

NICEIC APPROVED CONTRACTOR

This certificate is not valid if the serial number has been defaced or altered **ICN3C/ 00561288**

Original (To the person ordering the work)

PARTICULARS OF THE ORGANISATION(S) RESPONSIBLE FOR THE ELECTRICAL INSTALLATION

DESIGN (1)

Organisation † R D M Electrical Services Ltd

Address: Unit 6, Cambrian Court, Ferryboat Close, Postcode SA6 8PZ

NICEIC Enrolment No (where appropriate): 0 1 9 6 3 4

Branch number: (if applicable) 0 0 0

DESIGN (2)

Organisation † McCann and Partners Consulting Engineers

Address: Terra Nova Way, Penarth, Glamorgan, Postcode CF64 1SA

NICEIC Enrolment No (where appropriate):

Branch number: (if applicable)

† CONSTRUCTION

Organisation R D M Electrical Services Ltd

Address: Unit 6, Cambrian Court, Ferryboat Close, Postcode SA6 8PZ

NICEIC Enrolment No (Essential information): 0 1 9 6 3 4

Branch number: (if applicable) 0 0 0

INSPECTION AND TESTING

Organisation † R D M Electrical Services Ltd

Address: Unit 6, Cambrian Court, Ferryboat Close, Postcode SA6 8PZ

NICEIC Enrolment No (where appropriate): 0 1 9 6 3 4

Branch number: (if applicable) 0 0 0

SUPPLY CHARACTERISTICS AND EARTHING ARRANGEMENTS

✣ System Type(s)

TN-S	N/A
TN-C-S	✔
TN-C	N/A
TT	N/A
IT	N/A

✣ Number and Type of Live Conductors

		a.c.	✔	d.c.	
1-phase (2-wire)	N/A	1-phase (3-wire)	N/A	2-pole	N/A
2-phase (3-wire)	N/A			3-pole	✔
3-phase (3-wire)	N/A	3-phase (4-wire)	✔	other	
Other	Please state				

Nature of Supply Parameters

Nominal voltage(s): U (1)	400	V	U_o (1) 230 V
Nominal frequency, f (1)	50	Hz	
Prospective fault current, I_{pf} (2)(3)	5.8	kA	
External earth fault loop impedance, Z_e (2)(3)	0.10	Ω	
Number of sources	1		

Notes:
(1) by enquiry
(2) by enquiry or by measurement
(3) where more than one supply, record the higher or highest values

✣ Characteristics of Primary Supply Overcurrent Protective Device(s)

BS(EN)	88
Type	gG
Rated current	200 A
Short-circuit capacity	80 kA
Confirmation of polarity	✔ (✓)

PARTICULARS OF INSTALLATION AT THE ORIGIN

Tick boxes and enter details, as appropriate

✣ Means of Earthing

Distributor's facility:	✔
Installation earth electrode:	N/A

Details of Installation Earth Electrode (where applicable)

Type: (eg rod(s), tape etc)	N/A	Location:	N/A
Electrode resistance, R_A:	N/A (Ω)	Method of measurement:	N/A

✣ Main Switch or Circuit-Breaker

** (applicable only where an RCD is suitable and is used as a main circuit-breaker)*

Maximum Demand (Load): 75 kVA / [redacted] *Delete as appropriate

Protective measures against electric shock: ADS

Type BS(EN)	BS EN 60947-2	Voltage rating	400 V		
No of poles	4	Rated current, I_n	200 A		
Supply conductors material	copper	RCD operating current, $I_{\Delta n}$*	N/A mA		
Supply conductors csa	150 mm²	RCD operating time (at $I_{\Delta n}$)*	N/A ms		

Earthing and Protective Bonding Conductors

Earthing conductor		Main protective bonding conductors		Bonding of extraneous-conductive-parts (✓)			
Conductor material	copper	Conductor material	copper	Water service	✔	Gas service	✔
Conductor csa	150 mm²	Conductor csa	50 mm²	Oil service	N/A	Structural steel	N/A
Continuity/ connection verified	✔ (✓)	Continuity/ connection verified	✔ (✓)	Lightning protection	N/A	Other incoming service(s)	

COMMENTS ON EXISTING INSTALLATION

In the case of an alteration or additions see Section 633: NONE

Note: Enter 'NONE' or, where appropriate, the page number(s) of additional page(s) of comments on the existing installation.

NEXT INSPECTION

§ *Enter interval in terms of years, months or weeks, as appropriate*

I/We, the designer(s), RECOMMEND that this installation is further inspected and tested after an interval of not more than § 5 Years

Tick boxes and enter details, as appropriate

† *Where the Approved Contractor responsible for the construction of the electrical installation has also been responsible for the design **and** the inspection and testing of that installation, the 'Particulars of the Organisation responsible for the Electrical Installation' may be recorded only in the section entitled 'CONSTRUCTION'.*

✣ *Where a number of sources are available to supply the installation, and where the data given for the primary source may differ from other sources, a separate sheet must be provided which identifies the relevant information relating to each additional source.*

Please see the 'Notes for Recipients' on the reverse of this page.

NICEIC APPROVED CONTRACTOR

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Original (To the person ordering the work)

SCHEDULE OF ITEMS INSPECTED

† *See note below*

PROTECTIVE MEASURES AGAINST ELECTRIC SHOCK

Basic and fault protection

Extra-low voltage

✔	SELV	N/A	PELV

Double or reinforced insulation

✔	Double or Reinforced Insulation

Basic protection

✔	Insulation of live parts	✔	Barriers or enclosures
N/A	Obstacles **	N/A	Placing out of reach **

Fault protection

Automatic disconnection of supply

✔	Presence of earthing conductor
✔	Presence of circuit protective conductors
✔	Presence of main protective bonding conductors
N/A	Presence of earthing arrangements for combined protective and functional purposes
N/A	Presence of adequate arrangements for other source(s), where applicable
N/A	FELV
✔	Choice and setting of protective and monitoring devices (for fault protection and/or overcurrent protection)

Non-conducting location **

N/A	Absence of protective conductors

Earth-free equipotential bonding **

N/A	Presence of earth-free equipotential bonding

Electrical separation

✔	For **one** item of current-using equipment
N/A	For **more** than one item of current-using equipment **

Additional protection

✔	Presence of residual current device(s)
✔	Presence of supplementary bonding conductors

***** For use in controlled supervised/conditions only***

Prevention of mutual detrimental influence

✔	Proximity of non-electrical services and other influences
✔	Segregation of Band I and Band II circuits or Band II insulation used
✔	Segregation of Safety Circuits

Identification

✔	Presence of diagrams, instructions, circuit charts and similar information
✔	Presence of danger notices and other warning notices
✔	Labelling of protective devices, switches and terminals
✔	Identification of conductors

Cables and Conductors

✔	Selection of conductors for current-carrying capacity and voltage drop
✔	Erection methods
✔	Routing of cables in prescribed zones
✔	Cables incorporating earthed armour or sheath, or run in an earthed wiring system, or otherwise adequately protected against nails, screws and the like
✔	Additional protection by 30 mA RCD for cables concealed in walls (where required, in premises not under the supervision of a skilled or instructed person)
✔	Connection of conductors
✔	Presence of fire barriers, suitable seals and protection against thermal effects

General

✔	Presence and correct location of appropriate devices for isolation and switching
✔	Adequacy of access to switchgear and other equipment
✔	Particular protective measures for special installations and locations
✔	Connection of single-pole devices for protection or switching in line conductors only
✔	Correct connection of accessories and equipment
N/A	Presence of undervoltage protective devices
✔	Selection of equipment and protective measures appropriate to external influences
✔	Selection of appropriate functional switching devices

SCHEDULE OF ITEMS TESTED

† *See note below*

✔	External earth fault loop impedance, Z_e
N/A	Installation earth electrode resistance, R_A
✔	Continuity of protective conductors
✔	Continuity of ring final circuit conductors
✔	Insulation resistance between live conductors
✔	Insulation resistance between live conductors and Earth
✔	Protection by separation of circuits
✔	Basic protection by barrier or enclosure provided during erection
N/A	Insulation of non-conducting floors or walls
✔	Polarity
✔	Earth fault loop impedance, Z_s
✔	Verification of phase sequence
✔	Operation of residual current devices
✔	Functional testing of assemblies
✔	Verification of voltage drop

SCHEDULE OF ADDITIONAL RECORDS* (See attached schedule)

Page No(s)

Note: Additional page(s) must be identified by the Electrical Installation Certificate serial number and page number(s).

† ***All boxes must be completed.*** *'✓' indicates that an inspection or a test was carried out and that the result was* ***satisfactory****. 'N/A' indicates that an inspection or test was* ***not applicable*** *to the particular installation.*

* *Where the electrical work to which this certificate relates includes the installation of a fire alarm system and/or an emergency lighting system (or a part of such systems) , this electrical safety certificate should be accompanied by the particular certificate(s) for the system(s).*

NICEIC APPROVED CONTRACTOR

This certificate is not valid if the serial number has been defaced or altered ICN3C/ 00561288

Original (To the person ordering the work)

SCHEDULE OF CIRCUIT DETAILS FOR THE INSTALLATION

TO BE COMPLETED IN EVERY CASE		TO BE COMPLETED ONLY IF THE DISTRIBUTION BOARD IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION*						
Location of distribution board:	IT Hub / Electrical Room	Supply to distribution board is from:	Origin of Supply [ ]	No of phases:	3	Nominal voltage:	400	V
		Overcurrent protective device for the distribution circuit:		Associated RCD (if any): BS(EN)	Not Applicable			
Distribution board designation:	Main Panel Board	Type: BS(EN)	88	Rating:	200	A	RCD No of poles: N/A	$I_{\Delta n}$ N/A mA

CIRCUIT DETAILS

Circuit number and line	Circuit designation	Type of wiring (see code below)	Reference method ↟	Number of points served	Circuit conductors: csa Live (mm²)	Circuit conductors: csa cpc (mm²)	Max. disconnection time permitted by BS 7671 (s)	Overcurrent protective devices BS (EN)	Overcurrent protective devices Type	Overcurrent protective devices Rating (A)	Overcurrent protective devices Short-circuit capacity (kA)	RCD Operating current $I_{\Delta n}$ (mA)	Maximum Z_s permitted by BS 7671 (Ω)
1L1	SPARE												
1L2	SPARE												
1L3	SPARE												
2L1	SPARE												
2L2	SPARE												
2L3	SPARE												
3L1	SPARE												
3L2	SPARE												
3L3	SPARE												
4L1	SPARE												
4L2	SPARE												
4L3	SPARE												
5TP	Busbar Riser	G	E	1	70	35	5	60947-2		160	36	N/A	0.15
6L1	SPARE												
6L2	SPARE												
6L3	SPARE												
7L1	DB/CL1	G	E	1	16	16	5	60947-2		63	36	N/A	0.38
7L2	Way taken by Tap Off DB/CL1												
7L3	Way taken by Tap Off DB/CL1												
8L1	Way taken by Tap Off DB/CL2												
8L2	DB/CL2	G	E	1	25	16	5	60947-2		63	36	N/A	0.38
8L3	Way taken by Tap Off DB/CL2												
9TP	DB/LL1	F	E	1	25	16	5	60947-2		63	36	N/A	0.38
10TP	DB/EXT2	G	E	1	16	16	5	60947-2		40	36	N/A	0.52

↟ *See Table 4A2 of Appendix 4 of BS 7671*

CODES FOR TYPE OF WIRING								
A	B	C	D	E	F	G	H	O (Other - please state)
Thermoplastic insulated/ sheathed cables	Thermoplastic cables in metallic conduit	Thermoplastic cables in non-metallic conduit	Thermoplastic cables in metallic trunking	Thermoplastic cables in non-metallic trunking	Thermoplastic /SWA cables	Thermosetting/ SWA cables	Mineral-insulated cables	FP200/Firetuff

* *In such cases, details of the distribution (sub-main) circuit(s), together with the test results for the circuit(s), must also be provided on continuation schedules.*

See next page for Schedule of Test Results

NICEIC APPROVED CONTRACTOR

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Original (To the person ordering the work)

SCHEDULE OF TEST RESULTS FOR THE INSTALLATION

TO BE COMPLETED ONLY IF THE DISTRIBUTION BOARD IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Characteristics at this distribution board

	✔	Confirmation of supply polarity			
☆ See note below					
Z_s	☆ 0.10	Ω	Operating times of associated RCD (if any)	At $I_{\Delta n}$ N/A	ms
I_{pf}	☆ 5.8	kA		At $5I_{\Delta n}$ (if applicable) N/A	ms

Test instruments (serial numbers) used:

Earth fault loop impedance		RCD	
Insulation resistance		Multi-function	090409/9887
Continuity		Other	

TEST RESULTS

Circuit number and line	Circuit impedances (Ω)					Insulation resistance † *Record lower or lowest value*				Polarity	Maximum measured earth fault loop impedance, Z_s☆	RCD		
	Ring final circuits only (measured end to end)			All circuits (At least one column to be completed)		Line/Line †	Line/Neutral †	Line/Earth †	Neutral/Earth			operating times		Test button operation
	r_1 (Line)	r_n (Neutral)	r_2 (cpc)	$(R_1 + R_2)$	R_2	(MΩ)	(MΩ)	(MΩ)	(MΩ)	(✓)	(Ω)	at $I_{\Delta n}$ (ms)	at $5I_{\Delta n}$ (if applicable) (ms)	(✓)
1L1														
1L2														
1L3														
2L1														
2L2														
2L3														
3L1														
3L2														
3L3														
4L1														
4L2														
4L3														
5TP	N/A	N/A	N/A	0.03	N/A	>200	>200	>200	>200	✔	0.11	N/A	N/A	
6L1														
6L2														
6L3														
7L1	N/A	N/A	N/A	0.02	N/A	>200	>200	>200	>200	✔	0.13	N/A	N/A	
7L2														
7L3														
8L1														
8L2	N/A	N/A	N/A	0.02	N/A	>200	>200	>200	>200	✔	0.13	N/A	N/A	
8L3														
9TP	N/A	N/A	N/A	0.02	N/A	>200	>200	>200	>200	✔	0.12	N/A	N/A	
10TP	N/A	N/A	N/A	0.01	N/A	>200	>200	>200	>200	✔	0.10	N/A	N/A	

☆ *Note: Where the installation can be supplied by more than one source, such as a primary source (e.g. public supply) and a secondary source (e.g. standby generator), the higher or highest values must be recorded.*

TESTED BY

Signature:	J. L. Scriven	Position:	Approved Electrician
Name: (CAPITALS)	JUSTIN SCRIVEN	Date of testing:	02/09/2015

See previous page for Circuit Details

NICEIC APPROVED CONTRACTOR

This continuation sheet is not valid if the serial number is not the same as the corresponding certificate or report

ICNC/IPNC*
* Delete as appropriate
00561288

Original (To the person ordering the work)

SCHEDULE OF CIRCUIT DETAILS FOR THE INSTALLATION - CONTINUATION

TO BE COMPLETED IN EVERY CASE		TO BE COMPLETED ONLY IF THE DISTRIBUTION BOARD IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION*						
Location of distribution board:	IT Hub / Electrical Room	Supply to distribution board is from:	Origin of Supply [ ]	No of phases:	3	Nominal voltage:	400	V
Distribution board designation:	Main Panel Board	Overcurrent protective device for the distribution circuit: Type: BS (EN)	88	Rating:	200 A	Associated RCD (if any) : BS (EN)	Not Applicable	
				RCD No of poles:	N/A	$I_{\Delta n}$	N/A	mA

CIRCUIT DETAILS

Circuit number and line	Circuit designation	Type of wiring (see code below)	Reference method ↑	Number of points served	Circuit conductors: csa Live (mm²)	Circuit conductors: csa cpc (mm²)	Max. disconnection time permitted by BS 7671 (s)	Overcurrent protective devices BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)	RCD Operating current, $I_{\Delta n}$ (mA)	Maximum Z_s permitted by BS 7671 (Ω)
11L1	Fire Alarm Panel	O	E	1	2.5	2.5	0.4	60947-2		20	36	N/A	0.64
11L2	Disabled Refuge Panel	O	E	1	2.5	2.5	0.4	60947-2		20	36	N/A	0.48
11L3	SPARE												
12L1	SPARE												
12L2	SPARE												
12L3	SPARE												
13L1	SPARE												
13L2	SPARE												
13L3	SPARE												
14L1	SPARE												
14L2	SPARE												
14L3	SPARE												
15L1	SPARE												
15L2	SPARE												
15L3	SPARE												
16L1	SPARE												
16L2	SPARE												
16L3	SPARE												
17L1	SPARE												
17L2	SPARE												
17L3	SPARE												
18L1	SPARE												
18L2	SPARE												
18L3	SPARE												

* *In such cases, details of the distribution (sub-main) circuit(s), together with the test results for the circuit(s), must also be provided on continuation schedules.*

↑ *See Table 4A2 of Appendix 4 of BS 7671*

CODES FOR TYPE OF WIRING								
A	B	C	D	E	F	G	H	O (Other - please state)
Thermoplastic insulated/ sheathed cables	Thermoplastic cables in metallic conduit	Thermoplastic cables in non-metallic conduit	Thermoplastic cables in metallic trunking	Thermoplastic cables in non-metallic trunking	Thermoplastic /SWA cables	Thermosetting/ SWA cables	Mineral-insulated cables	FP200/Firetuff

See next page for Schedule of Test Results

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Original (To the person ordering the work)

SCHEDULE OF TEST RESULTS FOR THE INSTALLATION - CONTINUATION

TO BE COMPLETED ONLY IF THE DISTRIBUTION BOARD IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Characteristics at this distribution board

	✔	Confirmation of supply polarity			
☆ See note below					
Z_s ☆	0.10	Ω	Operating times of associated RCD (if any)	At $I_{\Delta n}$	N/A ms
I_{pf} ☆	5.8	kA		At $5I_{\Delta n}$ (if applicable)	N/A ms

Test instruments (serial numbers) used:

Earth fault loop impedance		RCD	
Insulation resistance		Multi-function	090409/9887
Continuity		Other	

TEST RESULTS

Circuit number and line	Circuit impedances (Ω)					Insulation resistance *Record lower or lowest value*				Polarity	Maximum measured earth fault loop impedance, Z_s☆	RCD		
	Ring final circuits only (measured end to end)			All circuits (At least one column to be completed)		Line/Line	Line/Neutral	Line/Earth	Neutral/Earth			Operating times		Test button operation (✓)
	r_1 (Line)	r_n (Neutral)	r_2 (cpc)	$(R_1 + R_2)$	R_2	(MΩ)	(MΩ)	(MΩ)	(MΩ)	(✓)	(Ω)	at $I_{\Delta n}$ (ms)	at $5I_{\Delta n}$ (if applicable) (ms)	
11L1	N/A	N/A	N/A	0.17	N/A	N/A	>200	>200	>200	✔	0.27	N/A	N/A	
11L2	N/A	N/A	N/A	0.17	N/A	N/A	>200	>200	>200	✔	0.27	N/A	N/A	
11L3														
12L1														
12L2														
12L3														
13L1														
13L2														
13L3														
14L1														
14L2														
14L3														
15L1														
15L2														
15L3														
16L1														
16L2														
16L3														
17L1														
17L2														
17L3														
18L1														
18L2														
18L3														

☆ *Note: Where the installation can be supplied by more than one source, such as a primary source (e.g. public supply) and a secondary source (e.g. standby generator), the higher or highest values must be recorded.*

TESTED BY

Signature:	J. L. Scriven	Position:	Approved Electrician
Name: (CAPITALS)	JUSTIN SCRIVEN	Date of testing:	02/09/2015

See previous page for Schedule of Circuit Details

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SCHEDULE OF CIRCUIT DETAILS FOR THE INSTALLATION - CONTINUATION

TO BE COMPLETED IN EVERY CASE		TO BE COMPLETED ONLY IF THE DISTRIBUTION BOARD IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION*						
Location of distribution board:	Main Riser	Supply to distribution board is from:	Main Panel Board [5TP]	No of phases:	3	Nominal voltage:	230	V
Distribution board designation:	Busbar Riser	Overcurrent protective device for the distribution circuit: Type: BS (EN)	60947-2	Rating:	160 A	Associated RCD (if any) : BS (EN)	Not Applicable	
				RCD No of poles:	N/A	$I_{\Delta n}$	N/A	mA

CIRCUIT DETAILS

Circuit number and line	Circuit designation	Type of wiring (see code below)	Reference method ↟	Number of points served	Circuit conductors: csa Live (mm²)	Circuit conductors: csa cpc (mm²)	Max. disconnection time permitted by BS 7671 (s)	Overcurrent protective devices BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)	RCD Operating current, $I_{\Delta n}$ (mA)	Maximum Z_s permitted by BS 7671 (Ω)
1L1	Way taken by Tap Off DB/CL3												
1L2	DB/CL3	G	E	1	16	16	5	60947-2		63	36	N/A	0.38
1L3	Way taken by Tap Off DB/CL3												
2L1	Way taken by Tap Off DB/CL4												
2L2	Way taken by Tap Off DB/CL4												
2L3	DB/CL4	G	E	1	25	16	5	60947-2		63	36	N/A	0.38
3L1	DB/CL5	G	E	1	16	16	5	60947-2		63	36	N/A	0.38
3L2	Way taken by Tap Off DB/CL5												
3L3	Way taken by Tap Off DB/CL5												
4L1	Way taken by Tap Off DB/CL6												
4L2	DB/CL6	G	E	1	25	16	5	60947-2		63	36	N/A	0.38
4L3	Way taken by Tap Off DB/CL6												
5TP	DB/LL2	F	E	1	25	16	5	60947-2		63	36	N/A	0.38
6L1	Way taken by Tap Off DB/CL7												
6L2	Way taken by Tap Off DB/CL7												
6L3	DB/CL7	G	E	1	16	16	5	60947-2		63	36	N/A	0.38
7L1	DB/CL8	G	E	1	25	16	5	60947-2		63	36	N/A	0.38
7L2	Way taken by Tap Off DB/CL8												
7L3	Way taken by Tap Off DB/CL8												
8TP	Passenger Lift	G	E	1	10	10	0.4	60947-2		32	36	N/A	0.48
9TP	DB/PL	G	E	1	16	16	5	60947-2		63	36	N/A	0.38
10TP	MSCP DB	G	E	1	16	16	5	60947-2		20	36	N/A	0.64
11L1	SPARE												
11L2	SPARE												

* *In such cases, details of the distribution (sub-main) circuit(s), together with the test results for the circuit(s), must also be provided on continuation schedules.*

↟ *See Table 4A2 of Appendix 4 of BS 7671*

CODES FOR TYPE OF WIRING								
A	B	C	D	E	F	G	H	O (Other - please state)
Thermoplastic insulated/ sheathed cables	Thermoplastic cables in metallic conduit	Thermoplastic cables in non-metallic conduit	Thermoplastic cables in metallic trunking	Thermoplastic cables in non-metallic trunking	Thermoplastic /SWA cables	Thermosetting/ SWA cables	Mineral-insulated cables	

See next page for Schedule of Test Results

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Original (To the person ordering the work)

SCHEDULE OF TEST RESULTS FOR THE INSTALLATION - CONTINUATION

TO BE COMPLETED ONLY IF THE DISTRIBUTION BOARD IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Characteristics at this distribution board

	✔	Confirmation of supply polarity			
☆ See note below					
Z_s ☆	0.11 Ω	Operating times of associated RCD (if any)	At $I_{\Delta n}$	N/A ms	
I_{pf} ☆	4.0 kA		At $5I_{\Delta n}$ (if applicable)	N/A ms	

Test instruments (serial numbers) used:

Earth fault loop impedance		RCD	
Insulation resistance		Multi-function	090409/9887
Continuity		Other	

TEST RESULTS

Circuit number and line	Circuit impedances (Ω)					Insulation resistance *Record lower or lowest value*				Polarity	Maximum measured earth fault loop impedance, Z_s☆	RCD		
	Ring final circuits only (measured end to end)			All circuits (At least one column to be completed)		Line/Line	Line/Neutral	Line/Earth	Neutral/Earth			Operating times		Test button operation (✓)
	r_1 (Line)	r_n (Neutral)	r_2 (cpc)	$(R_1 + R_2)$	R_2	(MΩ)	(MΩ)	(MΩ)	(MΩ)	(✓)	(Ω)	at $I_{\Delta n}$ (ms)	at $5I_{\Delta n}$ (if applicable) (ms)	
1L1														
1L2	N/A	N/A	N/A	0.02	N/A	N/A	>200	>200	>200	✔	0.12	N/A	N/A	
1L3														
2L1														
2L2														
2L3	N/A	N/A	N/A	0.03	N/A	N/A	>200	>200	>200	✔	0.12	N/A	N/A	
3L1	N/A	N/A	N/A	0.03	N/A	N/A	>200	>200	>200	✔	0.11	N/A	N/A	
3L2														
3L3														
4L1														
4L2	N/A	N/A	N/A	0.03	N/A	N/A	>200	>200	>200	✔	0.13	N/A	N/A	
4L3														
5TP	N/A	N/A	N/A	0.03	N/A	>200	>200	>200	>200	✔	0.13	N/A	N/A	
6L1														
6L2														
6L3	N/A	N/A	N/A	0.03	N/A	N/A	>200	>200	>200	✔	0.11	N/A	N/A	
7L1	N/A	N/A	N/A	0.03	N/A	N/A	>200	>200	>200	✔	0.13	N/A	N/A	
7L2														
7L3														
8TP	N/A	N/A	N/A	0.02	N/A	>200	>200	>200	>200	✔	0.12	N/A	N/A	
9TP	N/A	N/A	N/A	0.02	N/A	>200	>200	>200	>200	✔	0.13	N/A	N/A	
10TP	N/A	N/A	N/A	0.04	N/A	>200	>200	>200	>200	✔	0.08	N/A	N/A	
11L1														
11L2														

☆ *Note: Where the installation can be supplied by more than one source, such as a primary source (e.g. public supply) and a secondary source (e.g. standby generator), the higher or highest values must be recorded.*

TESTED BY

Signature:	J. L. Scriven	Position:	Approved Electrician
Name: (CAPITALS)	JUSTIN SCRIVEN	Date of testing:	02/09/2015

See previous page for Schedule of Circuit Details

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SCHEDULE OF CIRCUIT DETAILS FOR THE INSTALLATION - CONTINUATION

TO BE COMPLETED IN EVERY CASE		TO BE COMPLETED ONLY IF THE DISTRIBUTION BOARD IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION*						
Location of distribution board:	Main Riser	Supply to distribution board is from:	Main Panel Board [5TP]	No of phases:	3	Nominal voltage:	230	V
Distribution board designation:	Busbar Riser	Overcurrent protective device for the distribution circuit: Type: BS (EN)	60947-2	Rating:	160 A	Associated RCD (if any) : BS (EN)	Not Applicable	
				RCD No of poles:	N/A	$I_{\Delta n}$	N/A	mA

CIRCUIT DETAILS

Circuit number and line	Circuit designation	Type of wiring (see code below)	Reference method ↑	Number of points served	Circuit conductors: csa Live (mm²)	Circuit conductors: csa cpc (mm²)	Max. disconnection time permitted by BS 7671 (s)	Overcurrent protective devices BS (EN)	Overcurrent protective devices Type	Overcurrent protective devices Rating (A)	Overcurrent protective devices Short-circuit capacity (kA)	RCD Operating current, $I_{\Delta n}$ (mA)	Maximum Z_s permitted by BS 7671 (Ω)
11L3	SPARE												
12L1	SPARE												
12L2	SPARE												
12L3	SPARE												

* *In such cases, details of the distribution (sub-main) circuit(s), together with the test results for the circuit(s), must also be provided on continuation schedules.*

↑ *See Table 4A2 of Appendix 4 of BS 7671*

CODES FOR TYPE OF WIRING								
A	B	C	D	E	F	G	H	O (Other - please state)
Thermoplastic insulated/ sheathed cables	Thermoplastic cables in metallic conduit	Thermoplastic cables in non-metallic conduit	Thermoplastic cables in metallic trunking	Thermoplastic cables in non-metallic trunking	Thermoplastic /SWA cables	Thermosetting/ SWA cables	Mineral-insulated cables	

See next page for Schedule of Test Results

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SCHEDULE OF TEST RESULTS FOR THE INSTALLATION - CONTINUATION

TO BE COMPLETED ONLY IF THE DISTRIBUTION BOARD IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Characteristics at this distribution board

	✔	Confirmation of supply polarity			
☆ See note below					
Z_s ☆	0.11	Ω	Operating times of associated RCD (if any)	At $I_{\Delta n}$	N/A ms
I_{pf} ☆	4.0	kA		At $5I_{\Delta n}$ (if applicable)	N/A ms

Test instruments (serial numbers) used:

Earth fault loop impedance		RCD	
Insulation resistance		Multi-function	090409/9887
Continuity		Other	

TEST RESULTS

Circuit number and line	Circuit impedances (Ω)					Insulation resistance *Record lower or lowest value*				Polarity	Maximum measured earth fault loop impedance, Z_s☆	RCD		
	Ring final circuits only (measured end to end)			All circuits (At least one column to be completed)		Line/Line	Line/Neutral	Line/Earth	Neutral/Earth			Operating times		Test button operation
	r_1 (Line)	r_n (Neutral)	r_2 (cpc)	$(R_1 + R_2)$	R_2	(MΩ)	(MΩ)	(MΩ)	(MΩ)	(✓)	(Ω)	at $I_{\Delta n}$ (ms)	at $5I_{\Delta n}$ (if applicable) (ms)	(✓)
11L3														
12L1														
12L2														
12L3														

☆ *Note: Where the installation can be supplied by more than one source, such as a primary source (e.g. public supply) and a secondary source (e.g. standby generator), the higher or highest values must be recorded.*

TESTED BY

Signature:	J. L. Scriven	Position:	Approved Electrician
Name: (CAPITALS)	JUSTIN SCRIVEN	Date of testing:	02/09/2015

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SCHEDULE OF CIRCUIT DETAILS FOR THE INSTALLATION - CONTINUATION

TO BE COMPLETED IN EVERY CASE		TO BE COMPLETED ONLY IF THE DISTRIBUTION BOARD IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION*							
Location of distribution board:	First Floor Common Room	Supply to distribution board is from:	Busbar Riser [1L2]	No of phases:	1	Nominal voltage:	230	V	
Distribution board designation:	DB/CL3	Overcurrent protective device for the distribution circuit: Type: BS (EN)	60947-2	Rating:	63	A	Associated RCD (if any) : BS (EN)	Not Applicable	
				RCD No of poles:	N/A	$I_{\Delta n}$	N/A	mA	

CIRCUIT DETAILS

Circuit number and line	Circuit designation	Type of wiring (see code below)	Reference method ↑	Number of points served	Circuit conductors: csa Live (mm²)	Circuit conductors: csa cpc (mm²)	Max. disconnection time permitted by BS 7671 (s)	Overcurrent protective devices BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)	RCD Operating current, $I_{\Delta n}$ (mA)	Maximum Z_s permitted by BS 7671 (Ω)
1	Lighting Common Room	A	E	6	1.5	1	0.4	61009	C	10	10	30	2.3
2	Lighting Premium Room 1	A	E	15	1.5	1	0.4	61009	C	10	10	30	2.3
3	Lighting Premium Room 2	A	E	10	1.5	1	0.4	61009	C	10	10	30	2.3
4	Lighting Premium Room 3	A	E	10	1.5	1	0.4	61009	C	10	10	30	2.3
5	SPARE												
6	Ring main Premium Room 1	A	E	12	2.5	1.5	0.4	61009	B	32	10	30	1.44
7	Ring Main Premium Room 2	A	E	8	2.5	1.5	0.4	61009	B	32	10	30	1.44
8	Ring Main Premium Room 3	A	E	8	2.5	1	0.4	61009	B	32	10	30	1.44
9	Common Room Ring Main 1	A	E	3	2.5	1.5	0.4	61009	B	32	10	30	1.44
10	Common Room Ring Main 2	A	E	5	2.5	1.5	0.4	61009	B	32	10	30	1.44
11	Common Room Cooker 1	A	E	1	10	4	0.4	61009	B	32	10	30	1.44
12	Common Room Cooker 2	A	E	1	2.5	1.5	0.4	61009	B	32	10	30	1.44
13	SPARE												
14	SPARE												
15	SPARE												
16	SPARE												

* *In such cases, details of the distribution (sub-main) circuit(s), together with the test results for the circuit(s), must also be provided on continuation schedules.*

↑ *See Table 4A2 of Appendix 4 of BS 7671*

CODES FOR TYPE OF WIRING								
A	B	C	D	E	F	G	H	O (Other - please state)
Thermoplastic insulated/ sheathed cables	Thermoplastic cables in metallic conduit	Thermoplastic cables in non-metallic conduit	Thermoplastic cables in metallic trunking	Thermoplastic cables in non-metallic trunking	Thermoplastic /SWA cables	Thermosetting/ SWA cables	Mineral-insulated cables	

See next page for Schedule of Test Results

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SCHEDULE OF TEST RESULTS FOR THE INSTALLATION - CONTINUATION

TO BE COMPLETED ONLY IF THE DISTRIBUTION BOARD IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Characteristics at this distribution board

	✔	Confirmation of supply polarity			
☆ See note below					
Z_s ☆	0.12	Ω	Operating times of associated RCD (if any)	At $I_{\Delta n}$	N/A ms
I_{pf} ☆	1.75	kA		At $5I_{\Delta n}$ (if applicable)	N/A ms

Test instruments (serial numbers) used:

Earth fault loop impedance		RCD	
Insulation resistance		Multi-function	090409/9887
Continuity		Other	

TEST RESULTS

Circuit number and line	Circuit impedances (Ω)					Insulation resistance *Record lower or lowest value*				Polarity	Maximum measured earth fault loop impedance, Z_s☆	RCD		
	Ring final circuits only (measured end to end)			All circuits (At least one column to be completed)		Line/Line	Line/Neutral	Line/Earth	Neutral/Earth			Operating times		Test button operation
	r_1 (Line)	r_n (Neutral)	r_2 (cpc)	$(R_1 + R_2)$	R_2	(MΩ)	(MΩ)	(MΩ)	(MΩ)	(✓)	(Ω)	at $I_{\Delta n}$ (ms)	at $5I_{\Delta n}$ (if applicable) (ms)	(✓)
1	N/A	N/A	N/A	0.22	N/A	N/A	>200	>200	>200	✔	0.35	38.1	28.1	✔
2	N/A	N/A	N/A	0.91	N/A	N/A	>200	>200	>200	✔	0.99	37.9	27.9	✔
3	N/A	N/A	N/A	0.73	N/A	N/A	>200	>200	>200	✔	0.90	38.6	28.4	✔
4	N/A	N/A	N/A	0.61	N/A	N/A	>200	>200	>200	✔	0.65	38.8	28.8	✔
5														
6	0.47	0.47	0.70	0.28	N/A	N/A	>200	>200	>200	✔	0.46	38.2	29.0	✔
7	0.45	0.45	0.68	0.26	N/A	N/A	>200	>200	>200	✔	0.43	38.0	28.7	✔
8	0.35	0.35	0.51	0.25	N/A	N/A	>200	>200	>200	✔	0.42	37.9	27.8	✔
9	0.33	0.33	0.46	0.16	N/A	N/A	>200	>200	>200	✔	0.26	38.9	29.2	✔
10	0.38	0.38	0.54	0.23	N/A	N/A	>200	>200	>200	✔	0.35	39.3	29.5	✔
11	N/A	N/A	N/A	0.08	N/A	N/A	>200	>200	>200	✔	0.20	38.1	28.7	✔
12	N/A	N/A	N/A	0.09	N/A	N/A	>200	>200	>200	✔	0.21	38.0	28.3	✔
13														
14														
15														
16														

☆ *Note: Where the installation can be supplied by more than one source, such as a primary source (e.g. public supply) and a secondary source (e.g. standby generator), the higher or highest values must be recorded.*

TESTED BY

Signature:	J. L. Scriven	Position:	Approved Electrician
Name: (CAPITALS)	JUSTIN SCRIVEN	Date of testing:	02/09/2015

See previous page for Schedule of Circuit Details

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SCHEDULE OF CIRCUIT DETAILS FOR THE INSTALLATION - CONTINUATION

TO BE COMPLETED IN EVERY CASE		TO BE COMPLETED ONLY IF THE DISTRIBUTION BOARD IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION*							
Location of distribution board:	First Floor Common Room	Supply to distribution board is from:	Busbar Riser [2L3]	No of phases:	1	Nominal voltage:	230	V	
Distribution board designation:	DB/CL4	Overcurrent protective device for the distribution circuit: Type: BS (EN)	60947-2	Rating:	63	A	Associated RCD (if any) : BS (EN)	Not Applicable	
				RCD No of poles:	N/A	$I_{\Delta n}$	N/A	mA	

CIRCUIT DETAILS

Circuit number and line	Circuit designation	Type of wiring (see code below)	Reference method ↟	Number of points served	Circuit conductors: csa Live (mm²)	Circuit conductors: csa cpc (mm²)	Max. disconnection time permitted by BS 7671 (s)	Overcurrent protective devices BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)	RCD Operating current, $I_{\Delta n}$ (mA)	Maximum Z_s permitted by BS 7671 (Ω)
1	Lighting Common Room	A	E	6	1.5	1	0.4	61009	C	10	10	30	2.3
2	Lighting Premium Room 1	A	E	15	1.5	1	0.4	61009	C	10	10	30	2.3
3	Lighting Premium Room 2	A	E	10	1.5	1	0.4	61009	C	10	10	30	2.3
4	Lighting Premium Room 3	A	E	10	1.5	1	0.4	61009	C	10	10	30	2.3
5	SPARE												
6	Ring Main Premium Room 1	A	E	12	2.5	1.5	0.4	61009	B	32	10	30	1.44
7	Ring Main Premium Room 2	A	E	8	2.5	1.5	0.4	61009	B	32	10	30	1.44
8	Ring Main Premium Room 3	A	E	8	2.5	1	0.4	61009	B	32	10	30	1.44
9	Common Room Ring Main 1	A	E	5	2.5	1.5	0.4	61009	B	32	10	30	1.44
10	Common Room Ring Main 2	A	E	3	2.5	1.5	0.4	61009	B	32	10	30	1.44
11	Common Room Cooker 1	A	E	1	10	4	0.4	61009	B	32	10	30	1.44
12	Common Room Cooker 2	A	E	1	2.5	1.5	0.4	61009	B	32	10	30	1.44
13	SPARE												
14	SPARE												
15	SPARE												
16	SPARE												
17	SPARE												
18	SPARE												

* *In such cases, details of the distribution (sub-main) circuit(s), together with the test results for the circuit(s), must also be provided on continuation schedules.*

↟ *See Table 4A2 of Appendix 4 of BS 7671*

CODES FOR TYPE OF WIRING								
A	B	C	D	E	F	G	H	O (Other - please state)
Thermoplastic insulated/ sheathed cables	Thermoplastic cables in metallic conduit	Thermoplastic cables in non-metallic conduit	Thermoplastic cables in metallic trunking	Thermoplastic cables in non-metallic trunking	Thermoplastic /SWA cables	Thermosetting/ SWA cables	Mineral-insulated cables	

See next page for Schedule of Test Results

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* Delete as appropriate

Original (To the person ordering the work)

SCHEDULE OF TEST RESULTS FOR THE INSTALLATION - CONTINUATION

TO BE COMPLETED ONLY IF THE DISTRIBUTION BOARD IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Characteristics at this distribution board

	✔	Confirmation of supply polarity			
☆ See note below					
Z_s ☆	0.12	Ω	Operating times of associated RCD (if any)	At $I_{\Delta n}$	N/A ms
I_{pf} ☆	1.75	kA		At $5I_{\Delta n}$ (if applicable)	N/A ms

Test instruments (serial numbers) used:

Earth fault loop impedance		RCD	
Insulation resistance		Multi-function	090409/9887
Continuity		Other	

TEST RESULTS

Circuit number and line	Circuit impedances (Ω)					Insulation resistance *Record lower or lowest value*				Polarity	Maximum measured earth fault loop impedance, Z_s☆	RCD		
	Ring final circuits only (measured end to end)			All circuits (At least one column to be completed)		Line/Line	Line/Neutral	Line/Earth	Neutral/Earth			Operating times		Test button operation (✓)
	r_1 (Line)	r_n (Neutral)	r_2 (cpc)	$(R_1 + R_2)$	R_2	(MΩ)	(MΩ)	(MΩ)	(MΩ)	(✓)	(Ω)	at $I_{\Delta n}$ (ms)	at $5I_{\Delta n}$ (if applicable) (ms)	
1	N/A	N/A	N/A	0.21	N/A	N/A	>200	>200	>200	✔	0.35	38.0	28.8	✔
2	N/A	N/A	N/A	0.83	N/A	N/A	>200	>200	>200	✔	0.94	37.6	29.1	✔
3	N/A	N/A	N/A	0.77	N/A	N/A	>200	>200	>200	✔	0.90	38.3	27.7	✔
4	N/A	N/A	N/A	0.65	N/A	N/A	>200	>200	>200	✔	0.77	38.5	28.4	✔
5														
6	0.45	0.45	0.69	0.25	N/A	N/A	>200	>200	>200	✔	0.43	37.7	28.5	✔
7	0.42	0.42	0.66	0.24	N/A	N/A	>200	>200	>200	✔	0.41	39.1	29.0	✔
8	0.29	0.29	0.43	0.22	N/A	N/A	>200	>200	>200	✔	0.39	38.5	27.8	✔
9	0.36	0.36	0.51	0.20	N/A	N/A	>200	>200	>200	✔	0.32	38.1	28.1	✔
10	0.30	0.30	0.43	0.17	N/A	N/A	>200	>200	>200	✔	0.29	38.3	28.4	✔
11	N/A	N/A	N/A	0.09	N/A	N/A	>200	>200	>200	✔	0.20	38.1	28.2	✔
12	N/A	N/A	N/A	0.08	N/A	N/A	>200	>200	>200	✔	0.21	37.9	28.0	✔
13														
14														
15														
16														
17														
18														

☆ *Note: Where the installation can be supplied by more than one source, such as a primary source (e.g. public supply) and a secondary source (e.g. standby generator), the higher or highest values must be recorded.*

TESTED BY

Signature:	J. L. Scriven	Position:	Approved Electrician
Name: (CAPITALS)	JUSTIN SCRIVEN	Date of testing:	02/09/2015

See previous page for Schedule of Circuit Details

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SCHEDULE OF CIRCUIT DETAILS FOR THE INSTALLATION - CONTINUATION

TO BE COMPLETED IN EVERY CASE		TO BE COMPLETED ONLY IF THE DISTRIBUTION BOARD IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION*							
Location of distribution board:	2nd Floor Common room	Supply to distribution board is from:	Busbar Riser [3L1]	No of phases:	1	Nominal voltage:	230	V	
		Overcurrent protective device for the distribution circuit:		Associated RCD (if any) : BS (EN)	Not Applicable				
Distribution board designation:	DB/CL5	Type: BS (EN)	60947-2	Rating:	63	A	RCD No of poles:	N/A	$I_{\Delta n}$ N/A mA

CIRCUIT DETAILS

Circuit number and line	Circuit designation	Type of wiring (see code below)	Reference method ↟	Number of points served	Circuit conductors: csa		Max. disconnection time permitted by BS 7671	Overcurrent protective devices				RCD	Maximum Z_s permitted by BS 7671
					Live (mm²)	cpc (mm²)	(s)	BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)	Operating current, $I_{\Delta n}$ (mA)	(Ω)
1	Lighting Common Room	A	E	6	1.5	1	0.4	61009	C	10	10	30	2.3
2	Lighting Premium Room 1	A	E	15	1.5	1	0.4	61009	C	10	10	30	2.3
3	Lighting Premium Room 2	A	E	10	1.5	1	0.4	61009	C	10	10	30	2.3
4	Lighting Premium Room 3	A	E	10	1.5	1	0.4	61009	C	10	10	30	2.3
5	SPARE												
6	Ring Main Premium Room 1	A	E	12	2.5	1.5	0.4	61009	B	32	10	30	1.44
7	Ring main Premium Room 2	A	E	8	2.5	1.5	0.4	61009	B	32	10	30	1.44
8	Ring Main Premium Room 3	A	E	8	2.5	1	0.4	61009	B	32	10	30	1.44
9	Common Room Ring Main 1	A	E	5	2.5	1.5	0.4	61009	B	32	10	30	1.44
10	Common Room Ring Main 2	A	E	3	2.5	1.5	0.4	61009	B	32	10	30	1.44
11	Common Room Cooker 1	A	E	1	10	4	0.4	61009	B	32	10	30	1.44
12	Common Room Cooker 2	A	E	1	2.5	1.5	0.4	61009	B	32	10	30	1.44
13	SPARE												
14	SPARE												
15	SPARE												
16	SPARE												
17	SPARE												
18	SPARE												

* *In such cases, details of the distribution (sub-main) circuit(s), together with the test results for the circuit(s), must also be provided on continuation schedules.*

↟ *See Table 4A2 of Appendix 4 of BS 7671*

CODES FOR TYPE OF WIRING								
A	B	C	D	E	F	G	H	O (Other - please state)
Thermoplastic insulated/ sheathed cables	Thermoplastic cables in metallic conduit	Thermoplastic cables in non-metallic conduit	Thermoplastic cables in metallic trunking	Thermoplastic cables in non-metallic trunking	Thermoplastic /SWA cables	Thermosetting/ SWA cables	Mineral-insulated cables	

See next page for Schedule of Test Results

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SCHEDULE OF TEST RESULTS FOR THE INSTALLATION - CONTINUATION

TO BE COMPLETED ONLY IF THE DISTRIBUTION BOARD IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Characteristics at this distribution board

	✔	Confirmation of supply polarity			
☆ See note below					
Z_s ☆	0.11	Ω	Operating times of associated RCD (if any)	At $I_{\Delta n}$	N/A ms
I_{pf} ☆	1.77	kA		At $5I_{\Delta n}$ (if applicable)	N/A ms

Test instruments (serial numbers) used:

Earth fault loop impedance		RCD	
Insulation resistance		Multi-function	090409/9887
Continuity		Other	

TEST RESULTS

Circuit number and line	Circuit impedances (Ω)					Insulation resistance *Record lower or lowest value*				Polarity	Maximum measured earth fault loop impedance, Z_s☆	RCD		
	Ring final circuits only (measured end to end)			All circuits (At least one column to be completed)		Line/Line	Line/Neutral	Line/Earth	Neutral/Earth			Operating times		Test button operation
	r_1 (Line)	r_n (Neutral)	r_2 (cpc)	$(R_1 + R_2)$	R_2	(MΩ)	(MΩ)	(MΩ)	(MΩ)	(✓)	(Ω)	at $I_{\Delta n}$ (ms)	at $5I_{\Delta n}$ (if applicable) (ms)	(✓)
1	N/A	N/A	N/A	0.24	N/A	N/A	>200	>200	>200	✔	0.34	38.1	28.1	✔
2	N/A	N/A	N/A	0.77	N/A	N/A	>200	>200	>200	✔	0.89	38.6	27.1	✔
3	N/A	N/A	N/A	0.74	N/A	N/A	>200	>200	>200	✔	0.86	37.9	29.0	✔
4	N/A	N/A	N/A	0.67	N/A	N/A	>200	>200	>200	✔	0.79	38.0	28.8	✔
5														
6	0.43	0.43	0.66	0.25	N/A	N/A	>200	>200	>200	✔	0.45	38.2	28.9	✔
7	0.43	0.43	0.65	0.27	N/A	N/A	>200	>200	>200	✔	0.46	38.4	29.4	✔
8	0.30	0.30	0.44	0.24	N/A	N/A	>200	>200	>200	✔	0.40	39.1	28.7	✔
9	0.31	0.31	0.43	0.16	N/A	N/A	>200	>200	>200	✔	0.25	38.2	27.6	✔
10	0.38	0.38	0.53	0.27	N/A	N/A	>200	>200	>200	✔	0.58	38.4	28.5	✔
11	N/A	N/A	N/A	0.09	N/A	N/A	>200	>200	>200	✔	0.20	38.1	28.7	✔
12	N/A	N/A	N/A	0.10	N/A	N/A	>200	>200	>200	✔	0.21	38.0	27.6	✔
13														
14														
15														
16														
17														
18														

☆ *Note: Where the installation can be supplied by more than one source, such as a primary source (e.g. public supply) and a secondary source (e.g. standby generator), the higher or highest values must be recorded.*

TESTED BY

Signature:	J. L. Scriven	Position:	Approved Electrician
Name: (CAPITALS)	JUSTIN SCRIVEN	Date of testing:	02/09/2015

See previous page for Schedule of Circuit Details

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SCHEDULE OF CIRCUIT DETAILS FOR THE INSTALLATION - CONTINUATION

TO BE COMPLETED IN EVERY CASE		TO BE COMPLETED ONLY IF THE DISTRIBUTION BOARD IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION*							
Location of distribution board:	Second Floor Common Room	Supply to distribution board is from:	Busbar Riser [4L2]	No of phases:	1	Nominal voltage:	230	V	
		Overcurrent protective device for the distribution circuit:		Associated RCD (if any) : BS (EN)	Not Applicable				
Distribution board designation:	DB/CL6	Type: BS (EN)	60947-2	Rating:	63	A	RCD No of poles:	N/A	$I_{\Delta n}$ N/A mA

CIRCUIT DETAILS

Circuit number and line	Circuit designation	Type of wiring (see code below)	Reference method ↑	Number of points served	Circuit conductors: csa Live (mm²)	Circuit conductors: csa cpc (mm²)	Max. disconnection time permitted by BS 7671 (s)	Overcurrent protective devices BS (EN)	Overcurrent protective devices Type	Overcurrent protective devices Rating (A)	Overcurrent protective devices Short-circuit capacity (kA)	RCD Operating current, $I_{\Delta n}$ (mA)	Maximum Z_s permitted by BS 7671 (Ω)
1	Lighting Common Room	A	E	6	1.5	1	0.4	61009	C	10	10	30	2.3
2	Lighting Premium Room 1	A	E	15	1.5	1	0.4	61009	C	10	10	30	2.3
3	Lighting Premium Room 2	A	E	10	1.5	1	0.4	61009	C	10	10	30	2.3
4	Lighting Premium Room 3	A	E	10	1.5	1	0.4	61009	C	10	10	30	2.3
5	SPARE												
6	Ring Main Premium Room 1	A	E	12	2.5	1.5	0.4	61009	B	32	10	30	1.44
7	Ring Main Premium Room 2	A	E	8	2.5	1.5	0.4	61009	B	32	10	30	1.44
8	Ring Main Premium Room 3	A	E	8	2.5	1	0.4	61009	B	32	10	30	1.44
9	Common Room Ring Main 1	A	E	5	2.5	1.5	0.4	61009	B	32	10	30	1.44
10	Common Room Ring Main 2	A	E	3	2.5	1.5	0.4	61009	B	32	10	30	1.44
11	Common Room Cooker 1	A	E	1	10	4	0.4	61009	B	32	10	30	1.44
12	Common Room Cooker 2	A	E	1	2.5	1.5	0.4	61009	B	32	10	30	1.44
13	SPARE												
14	SPARE												
15	SPARE												
16	SPARE												
17	SPARE												
18	SPARE												

* *In such cases, details of the distribution (sub-main) circuit(s), together with the test results for the circuit(s), must also be provided on continuation schedules.*

↑ *See Table 4A2 of Appendix 4 of BS 7671*

CODES FOR TYPE OF WIRING								
A	B	C	D	E	F	G	H	O (Other - please state)
Thermoplastic insulated/ sheathed cables	Thermoplastic cables in metallic conduit	Thermoplastic cables in non-metallic conduit	Thermoplastic cables in metallic trunking	Thermoplastic cables in non-metallic trunking	Thermoplastic /SWA cables	Thermosetting/ SWA cables	Mineral-insulated cables	

See next page for Schedule of Test Results

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SCHEDULE OF TEST RESULTS FOR THE INSTALLATION - CONTINUATION

TO BE COMPLETED ONLY IF THE DISTRIBUTION BOARD IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Characteristics at this distribution board

	✔	Confirmation of supply polarity			
☆ See note below					
Z_s ☆	0.13	Ω	Operating times of associated RCD (if any)	At $I_{\Delta n}$	N/A ms
I_{pf} ☆	1.77	kA		At $5I_{\Delta n}$ (if applicable)	N/A ms

Test instruments (serial numbers) used:

Earth fault loop impedance		RCD	
Insulation resistance		Multi-function	090409/9887
Continuity		Other	

TEST RESULTS

Circuit number and line	Circuit impedances (Ω)					Insulation resistance *Record lower or lowest value*				Polarity	Maximum measured earth fault loop impedance, Z_s☆	RCD		
	Ring final circuits only (measured end to end)			All circuits (At least one column to be completed)		Line/Line	Line/Neutral	Line/Earth	Neutral/Earth			Operating times		Test button operation (✓)
	r_1 (Line)	r_n (Neutral)	r_2 (cpc)	$(R_1 + R_2)$	R_2	(MΩ)	(MΩ)	(MΩ)	(MΩ)	(✓)	(Ω)	at $I_{\Delta n}$ (ms)	at $5I_{\Delta n}$ (if applicable) (ms)	
1	N/A	N/A	N/A	0.24	N/A	N/A	>200	>200	>200	✔	0.36	38.1	28.2	✔
2	N/A	N/A	N/A	0.79	N/A	N/A	>200	>200	>200	✔	0.90	38.4	28.0	✔
3	N/A	N/A	N/A	0.75	N/A	N/A	>200	>200	>200	✔	0.89	38.2	28.6	✔
4	N/A	N/A	N/A	0.69	N/A	N/A	>200	>200	>200	✔	0.80	39.0	29.0	✔
5														
6	0.45	0.45	0.69	0.24	N/A	N/A	>200	>200	>200	✔	0.42	37.8	27.9	✔
7	0.41	0.41	0.63	0.22	N/A	N/A	>200	>200	>200	✔	0.41	38.1	28.4	✔
8	0.34	0.34	0.51	0.23	N/A	N/A	>200	>200	>200	✔	0.39	38.4	28.0	✔
9	0.41	0.41	0.61	0.25	N/A	N/A	>200	>200	>200	✔	0.38	38.1	28.3	✔
10	0.31	0.31	0.48	0.21	N/A	N/A	>200	>200	>200	✔	0.34	38.3	28.4	✔
11	N/A	N/A	N/A	0.09	N/A	N/A	>200	>200	>200	✔	0.22	38.0	28.1	✔
12	N/A	N/A	N/A	0.10	N/A	N/A	>200	>200	>200	✔	0.25	37.9	28.5	✔
13														
14														
15														
16														
17														
18														

☆ *Note: Where the installation can be supplied by more than one source, such as a primary source (e.g. public supply) and a secondary source (e.g. standby generator), the higher or highest values must be recorded.*

TESTED BY

Signature:	J. L. Scriven	Position:	Approved Electrician
Name: (CAPITALS)	JUSTIN SCRIVEN	Date of testing:	02/09/2015

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SCHEDULE OF CIRCUIT DETAILS FOR THE INSTALLATION - CONTINUATION

TO BE COMPLETED IN EVERY CASE		TO BE COMPLETED ONLY IF THE DISTRIBUTION BOARD IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION*						
Location of distribution board:	Second Floor Corridor	Supply to distribution board is from:	Busbar Riser [5TP]	No of phases:	3	Nominal voltage:	400	V
Distribution board designation:	DB/LL2	Overcurrent protective device for the distribution circuit: Type: BS (EN)	60947-2	Rating:	63 A	Associated RCD (if any) : BS (EN)	Not Applicable	
				RCD No of poles:	N/A	$I_{\Delta n}$	N/A	mA

CIRCUIT DETAILS

Circuit number and line	Circuit designation	Type of wiring (see code below)	Reference method ↑	Number of points served	Circuit conductors: csa Live (mm²)	Circuit conductors: csa cpc (mm²)	Max. disconnection time permitted by BS 7671 (s)	Overcurrent protective devices BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)	RCD Operating current, $I_{\Delta n}$ (mA)	Maximum Z_s permitted by BS 7671 (Ω)
1TP	DB/LL2/L	G	E	1	25	16	5	60947-2		63	36	N/A	0.38
2TP	DB/LL2/P	G	E	1	25	16	5	60947-2		63	36	N/A	0.38

* *In such cases, details of the distribution (sub-main) circuit(s), together with the test results for the circuit(s), must also be provided on continuation schedules.*

↑ *See Table 4A2 of Appendix 4 of BS 7671*

CODES FOR TYPE OF WIRING								
A	B	C	D	E	F	G	H	O (Other - please state)
Thermoplastic insulated/ sheathed cables	Thermoplastic cables in metallic conduit	Thermoplastic cables in non-metallic conduit	Thermoplastic cables in metallic trunking	Thermoplastic cables in non-metallic trunking	Thermoplastic /SWA cables	Thermosetting/ SWA cables	Mineral-insulated cables	FP200/Firetuff

See next page for Schedule of Test Results

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SCHEDULE OF TEST RESULTS FOR THE INSTALLATION - CONTINUATION

TO BE COMPLETED ONLY IF THE DISTRIBUTION BOARD IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Characteristics at this distribution board

	✔	Confirmation of supply polarity			
☆ See note below					
Z_s ☆	0.13	Ω	Operating times of associated RCD (if any)	At $I_{\Delta n}$	N/A ms
I_{pf} ☆	3.0	kA		At $5I_{\Delta n}$ (if applicable)	N/A ms

Test instruments (serial numbers) used:

Earth fault loop impedance		RCD	
Insulation resistance		Multi-function	090409/9887
Continuity		Other	

TEST RESULTS

Circuit number and line	Circuit impedances (Ω)					Insulation resistance *Record lower or lowest value*				Polarity	Maximum measured earth fault loop impedance, Z_s☆	RCD		
	Ring final circuits only (measured end to end)			All circuits (At least one column to be completed)		Line/Line	Line/Neutral	Line/Earth	Neutral/Earth			Operating times		Test button operation
	r_1 (Line)	r_n (Neutral)	r_2 (cpc)	$(R_1 + R_2)$	R_2	(MΩ)	(MΩ)	(MΩ)	(MΩ)	(✓)	(Ω)	at $I_{\Delta n}$ (ms)	at $5I_{\Delta n}$ (if applicable) (ms)	(✓)
1TP	N/A	N/A	N/A	0.03	N/A	>200	>200	>200	>200	✔	0.13	N/A	N/A	
2TP	N/A	N/A	N/A	0.03	N/A	>200	>200	>200	>200	✔	0.13	N/A	N/A	

☆ *Note: Where the installation can be supplied by more than one source, such as a primary source (e.g. public supply) and a secondary source (e.g. standby generator), the higher or highest values must be recorded.*

TESTED BY

Signature:	J. L. Scriven	Position:	Approved Electrician
Name: (CAPITALS)	JUSTIN SCRIVEN	Date of testing:	02/09/2015

See previous page for Schedule of Circuit Details

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SCHEDULE OF CIRCUIT DETAILS FOR THE INSTALLATION - CONTINUATION

TO BE COMPLETED IN EVERY CASE		TO BE COMPLETED ONLY IF THE DISTRIBUTION BOARD IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION*						
Location of distribution board:	Riser Cupboard	Supply to distribution board is from:	DB/LL2 [1TP]	No of phases:	3	Nominal voltage:	400	V
		Overcurrent protective device for the distribution circuit:		Associated RCD (if any) : BS (EN)	Not Applicable			
Distribution board designation:	DB/LL2/L	Type: BS (EN)	60947-2	Rating:	63 A	RCD No of poles:	N/A	$I_{\Delta n}$ N/A mA

CIRCUIT DETAILS

Circuit number and line	Circuit designation	Type of wiring (see code below)	Reference method ↑	Number of points served	Circuit conductors: csa Live (mm²)	Circuit conductors: csa cpc (mm²)	Max. disconnection time permitted by BS 7671 (s)	Overcurrent protective devices BS (EN)	Overcurrent protective devices Type	Overcurrent protective devices Rating (A)	Overcurrent protective devices Short-circuit capacity (kA)	RCD Operating current, $I_{\Delta n}$ (mA)	Maximum Z_s permitted by BS 7671 (Ω)
1L1	3rd Floor Circulation lighting	A	E	7	1.5	1	0.4	61009	C	10	10	30	2.3
1L2	SPARE												
1L3	Second Floor Circulation Lighting	A	E	7	1.5	1	0.4	61009	C	10	10	30	2.3
2L1	3rd Floor Circulation Lighting	A	E	10	1.5	1	0.4	61009	C	10	10	30	2.3
2L2	SPARE												
2L3	2nd Floor Circulation Lighting	A	E	10	1.5	1	0.4	61009	C	10	10	30	2.3
3L1	3rd Floor Stairwell Lighting	A	E	6	1.5	1	0.4	61009	C	10	10	30	2.3
3L2	SPARE												
3L3	2nd Floor Stairwell Lighting	A	E	6	1.5	1	0.4	61009	C	10	10	30	2.3
4L1	SPARE												
4L2	SPARE												
4L3	SPARE												
5L1	SPARE												
5L2	SPARE												
5L3	SPARE												
6L1	SPARE												
6L2	SPARE												
6L3	SPARE												

* *In such cases, details of the distribution (sub-main) circuit(s), together with the test results for the circuit(s), must also be provided on continuation schedules.*

↑ *See Table 4A2 of Appendix 4 of BS 7671*

CODES FOR TYPE OF WIRING							
A	B	C	D	E	F	G	H	O (Other - please state)
Thermoplastic insulated/ sheathed cables	Thermoplastic cables in metallic conduit	Thermoplastic cables in non-metallic conduit	Thermoplastic cables in metallic trunking	Thermoplastic cables in non-metallic trunking	Thermoplastic /SWA cables	Thermosetting/ SWA cables	Mineral-insulated cables	

See next page for Schedule of Test Results

NICEIC APPROVED CONTRACTOR

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ICNC/IPNC* 00561288
* Delete as appropriate

Original (To the person ordering the work)

SCHEDULE OF TEST RESULTS FOR THE INSTALLATION - CONTINUATION

TO BE COMPLETED ONLY IF THE DISTRIBUTION BOARD IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Characteristics at this distribution board

	✔	Confirmation of supply polarity			
☆ See note below					
Z_s ☆	0.13	Ω	Operating times of associated RCD (if any)	At $I_{\Delta n}$	N/A ms
I_{pf} ☆	3.0	kA		At $5I_{\Delta n}$ (if applicable)	N/A ms

Test instruments (serial numbers) used:

Earth fault loop impedance		RCD	
Insulation resistance		Multi-function	090409/9887
Continuity		Other	

TEST RESULTS

Circuit number and line	Circuit impedances (Ω)					Insulation resistance *Record lower or lowest value*				Polarity	Maximum measured earth fault loop impedance, Z_s☆	RCD		
	Ring final circuits only (measured end to end)			All circuits (At least one column to be completed)		Line/Line	Line/Neutral	Line/Earth	Neutral/Earth			Operating times		Test button operation
	r_1 (Line)	r_n (Neutral)	r_2 (cpc)	$(R_1 + R_2)$	R_2	(MΩ)	(MΩ)	(MΩ)	(MΩ)	(✓)	(Ω)	at $I_{\Delta n}$ (ms)	at $5I_{\Delta n}$ (if applicable) (ms)	(✓)
1L1	N/A	N/A	N/A	0.58	N/A	N/A	>200	>200	>200	✔	0.71	38.1	28.3	✔
1L2														
1L3	N/A	N/A	N/A	0.53	N/A	N/A	>200	>200	>200	✔	0.64	37.9	28.4	✔
2L1	N/A	N/A	N/A	0.52	N/A	N/A	>200	>200	>200	✔	0.65	39.1	27.9	✔
2L2														
2L3	N/A	N/A	N/A	0.49	N/A	N/A	>200	>200	>200	✔	0.61	38.3	28.1	✔
3L1	N/A	N/A	N/A	0.41	N/A	N/A	>200	>200	>200	✔	0.51	38.0	28.4	✔
3L2														
3L3	N/A	N/A	N/A	0.38	N/A	N/A	>200	>200	>200	✔	0.50	38.1	28.2	✔
4L1														
4L2														
4L3														
5L1														
5L2														
5L3														
6L1														
6L2														
6L3														

☆ *Note: Where the installation can be supplied by more than one source, such as a primary source (e.g. public supply) and a secondary source (e.g. standby generator), the higher or highest values must be recorded.*

TESTED BY

Signature:	J. L. Scriven	Position:	Approved Electrician
Name: (CAPITALS)	JUSTIN SCRIVEN	Date of testing:	02/09/2015

See previous page for Schedule of Circuit Details

NICEIC APPROVED CONTRACTOR

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Original (To the person ordering the work)

SCHEDULE OF CIRCUIT DETAILS FOR THE INSTALLATION - CONTINUATION

TO BE COMPLETED IN EVERY CASE		TO BE COMPLETED ONLY IF THE DISTRIBUTION BOARD IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION*						
Location of distribution board:	Riser Cupboard	Supply to distribution board is from:	DB/LL2 [2TP]	No of phases:	3	Nominal voltage:	400	V
		Overcurrent protective device for the distribution circuit:		Associated RCD (if any) : BS (EN)	Not Applicable			
Distribution board designation:	DB/LL2/P	Type: BS (EN)	60947-2	Rating:	63 A	RCD No of poles:	N/A	$I_{\Delta n}$ N/A mA

CIRCUIT DETAILS

Circuit number and line	Circuit designation	Type of wiring (see code below)	Reference method ↑	Number of points served	Circuit conductors: csa Live (mm²)	Circuit conductors: csa cpc (mm²)	Max. disconnection time permitted by BS 7671 (s)	Overcurrent protective devices BS (EN)	Overcurrent protective devices Type	Overcurrent protective devices Rating (A)	Overcurrent protective devices Short-circuit capacity (kA)	RCD Operating current, $I_{\Delta n}$ (mA)	Maximum Z_s permitted by BS 7671 (Ω)
1L1	2nd Floor Cleaners Sockets	A	E	5	2.5	1.5	0.4	61009	B	32	10	30	1.44
1L2	3rd Floor Cleaners Sockets	A	E	5	2.5	1.5	0.4	61009	B	32	10	30	1.44
1L3	SPARE												
2L1	2nd Floor Smoke Shaft AOD	O	E	1	2.5	2.5	0.4	60898	C	16	10	N/A	1.44
2L2	3rd Floor Smoke Shaft AOD	O	E	1	2.5	2.5	0.4	60898	C	16	10	N/A	1.44
2L3	SPARE												
3L1	SPARE												
3L2	3rd Floor Head of Staircore AOV	O	E	1	2.5	2.5	0.4	60898	C	16	10	N/A	1.44
3L3	SPARE												
4L1	SPARE												
4L2	SPARE												
4L3	SPARE												
5L1	SPARE												
5L2	SPARE												
5L3	SPARE												
6L1	SPARE												
6L2	SPARE												
6L3	SPARE												
7L1	SPARE												
7L2	SPARE												
7L3	SPARE												
8L1	SPARE												
8L2	SPARE												
8L3	SPARE												

* *In such cases, details of the distribution (sub-main) circuit(s), together with the test results for the circuit(s), must also be provided on continuation schedules.*

↑ *See Table 4A2 of Appendix 4 of BS 7671*

CODES FOR TYPE OF WIRING								
A	B	C	D	E	F	G	H	O (Other - please state)
Thermoplastic insulated/ sheathed cables	Thermoplastic cables in metallic conduit	Thermoplastic cables in non-metallic conduit	Thermoplastic cables in metallic trunking	Thermoplastic cables in non-metallic trunking	Thermoplastic /SWA cables	Thermosetting/ SWA cables	Mineral-insulated cables	FP200/Firetuff

See next page for Schedule of Test Results

NICEIC APPROVED CONTRACTOR

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Original (To the person ordering the work)

SCHEDULE OF TEST RESULTS FOR THE INSTALLATION - CONTINUATION

TO BE COMPLETED ONLY IF THE DISTRIBUTION BOARD IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Characteristics at this distribution board

	✔	Confirmation of supply polarity			
☆ See note below					
Z_s *	0.13	Ω	Operating times of associated RCD (if any)	At $I_{\Delta n}$	N/A ms
I_{pf} *	3.0	kA		At $5I_{\Delta n}$ (if applicable)	N/A ms

Test instruments (serial numbers) used:

Earth fault loop impedance		RCD	
Insulation resistance		Multi-function	090409/9887
Continuity		Other	

TEST RESULTS

Circuit number and line	Circuit impedances (Ω)					Insulation resistance *Record lower or lowest value*				Polarity	Maximum measured earth fault loop impedance, Z_s*	RCD		
	Ring final circuits only (measured end to end)			All circuits (At least one column to be completed)		Line/Line	Line/Neutral	Line/Earth	Neutral/Earth			Operating times		Test button operation
	r_1 (Line)	r_n (Neutral)	r_2 (cpc)	$(R_1 + R_2)$	R_2	(MΩ)	(MΩ)	(MΩ)	(MΩ)	(✓)	(Ω)	at $I_{\Delta n}$ (ms)	at $5I_{\Delta n}$ (if applicable) (ms)	(✓)
1L1	0.84	0.84	1.21	0.33	N/A	N/A	>200	>200	>200	✔	0.40	37.9	28.6	✔
1L2	1.04	1.04	1.43	38.1	N/A	N/A	>200	>200	>200	✔	29.1	38.1	29.0	✔
1L3														
2L1	N/A	N/A	N/A	0.21	N/A	N/A	>200	>200	>200	✔	0.31	N/A	N/A	
2L2	N/A	N/A	N/A	0.23	N/A	N/A	>200	>200	>200	✔	0.34	N/A	N/A	
2L3														
3L1														
3L2	N/A	N/A	N/A	0.24	N/A	N/A	>200	>200	>200	✔	0.35	N/A	N/A	
3L3														
4L1														
4L2														
4L3														
5L1														
5L2														
5L3														
6L1														
6L2														
6L3														
7L1														
7L2														
7L3														
8L1														
8L2														
8L3														

* *Note: Where the installation can be supplied by more than one source, such as a primary source (e.g. public supply) and a secondary source (e.g. standby generator), the higher or highest values must be recorded.*

TESTED BY

Signature:	J L Scriven	Position:	Approved Electrician
Name: (CAPITALS)	JUSTIN SCRIVEN	Date of testing:	02/09/2015

See previous page for Schedule of Circuit Details

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Original (To the person ordering the work)

SCHEDULE OF CIRCUIT DETAILS FOR THE INSTALLATION - CONTINUATION

TO BE COMPLETED IN EVERY CASE		TO BE COMPLETED ONLY IF THE DISTRIBUTION BOARD IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION*						
Location of distribution board:	Third Floor Common Room	Supply to distribution board is from:	Busbar Riser [6L3]	No of phases:	1	Nominal voltage:	230	V
Distribution board designation:	DB/CL7	Overcurrent protective device for the distribution circuit: Type: BS (EN)	60947-2	Rating:	63 A	Associated RCD (if any) : BS (EN)	Not Applicable	
				RCD No of poles:	N/A	$I_{\Delta n}$	N/A	mA

CIRCUIT DETAILS

Circuit number and line	Circuit designation	Type of wiring (see code below)	Reference method ↑	Number of points served	Circuit conductors: csa Live (mm²)	Circuit conductors: csa cpc (mm²)	Max. disconnection time permitted by BS 7671 (s)	Overcurrent protective devices BS (EN)	Overcurrent protective devices Type	Overcurrent protective devices Rating (A)	Overcurrent protective devices Short-circuit capacity (kA)	RCD Operating current, $I_{\Delta n}$ (mA)	Maximum Z_s permitted by BS 7671 (Ω)
1	Lighting Common Room	A	E	6	1.5	1	0.4	61009	C	10	10	30	2.3
2	Lighting Bedroom 1	A	E	15	1.5	1	0.4	61009	C	10	10	30	2.3
3	Lighting Bedroom 2	A	E	10	1.5	1	0.4	61009	C	10	10	30	2.3
4	Lighting Bedroom 3	A	E	10	1.5	1	0.4	61009	C	10	10	30	2.3
5	SPARE												
6	Ring Main Bedroom 1	A	E	12	2.5	1.5	0.4	61009	B	32	10	30	1.44
7	Ring Main Bedroom 2	A	E	8	2.5	1.5	0.4	61009	B	32	10	30	1.44
8	Ring Main Bedroom 3	A	E	8	2.5	1	0.4	61009	B	32	10	30	1.44
9	Common Room Ring Main 1	A	E	6	2.5	1.5	0.4	61009	B	32	10	30	1.44
10	Common Room Ring Main 2	A	E	5	2.5	1.5	0.4	61009	B	32	10	30	1.44
11	Common Room Cooker 1	A	E	1	10	4	0.4	61009	B	32	10	30	1.44
12	Common Room Cooker 2	A	E	1	2.5	1.5	0.4	61009	B	32	10	30	1.44
13	SPARE												
14	SPARE												
15	SPARE												
16	SPARE												
17	SPARE												
18	SPARE												

* *In such cases, details of the distribution (sub-main) circuit(s), together with the test results for the circuit(s), must also be provided on continuation schedules.*

↑ *See Table 4A2 of Appendix 4 of BS 7671*

CODES FOR TYPE OF WIRING								
A	B	C	D	E	F	G	H	O (Other - please state)
Thermoplastic insulated/ sheathed cables	Thermoplastic cables in metallic conduit	Thermoplastic cables in non-metallic conduit	Thermoplastic cables in metallic trunking	Thermoplastic cables in non-metallic trunking	Thermoplastic /SWA cables	Thermosetting/ SWA cables	Mineral-insulated cables	

See next page for Schedule of Test Results

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Original (To the person ordering the work)

SCHEDULE OF TEST RESULTS FOR THE INSTALLATION - CONTINUATION

TO BE COMPLETED ONLY IF THE DISTRIBUTION BOARD IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Characteristics at this distribution board

	✔	Confirmation of supply polarity			
☆ See note below					
Z_s ☆	0.11	Ω	Operating times of associated RCD (if any)	At $I_{\Delta n}$	N/A ms
I_{pf} ☆	2.0	kA		At $5I_{\Delta n}$ (if applicable)	N/A ms

Test instruments (serial numbers) used:

Earth fault loop impedance		RCD	
Insulation resistance		Multi-function	090409/9887
Continuity		Other	

TEST RESULTS

Circuit number and line	Circuit impedances (Ω)					Insulation resistance *Record lower or lowest value*				Polarity	Maximum measured earth fault loop impedance, Z_s☆	RCD		
	Ring final circuits only (measured end to end)			All circuits (At least one column to be completed)		Line/Line	Line/Neutral	Line/Earth	Neutral/Earth			Operating times		Test button operation
	r_1 (Line)	r_n (Neutral)	r_2 (cpc)	$(R_1 + R_2)$	R_2	(MΩ)	(MΩ)	(MΩ)	(MΩ)	(✓)	(Ω)	at $I_{\Delta n}$ (ms)	at $5I_{\Delta n}$ (if applicable) (ms)	(✓)
1	N/A	N/A	N/A	0.24	N/A	N/A	>200	>200	>200	✔	0.34	38.0	28.7	✔
2	N/A	N/A	N/A	0.79	N/A	N/A	>200	>200	>200	✔	0.91	38.1	28.8	✔
3	N/A	N/A	N/A	0.75	N/A	N/A	>200	>200	>200	✔	0.88	37.9	29.0	✔
4	N/A	N/A	N/A	0.68	N/A	N/A	>200	>200	>200	✔	0.79	38.4	28.6	✔
5														
6	0.42	0.42	0.57	0.24	N/A	N/A	>200	>200	>200	✔	0.43	37.8	28.8	✔
7	0.42	0.42	0.83	0.23	N/A	N/A	>200	>200	>200	✔	0.42	39.2	29.0	✔
8	0.34	0.34	0.54	0.19	N/A	N/A	>200	>200	>200	✔	0.36	37.9	28.8	✔
9	0.36	0.36	0.58	0.23	N/A	N/A	>200	>200	>200	✔	0.34	38.1	29.0	✔
10	0.31	0.31	0.50	0.17	N/A	N/A	>200	>200	>200	✔	0.28	38.3	28.8	✔
11	N/A	N/A	N/A	0.09	N/A	N/A	>200	>200	>200	✔	0.20	38.1	28.2	✔
12	N/A	N/A	N/A	0.10	N/A	N/A	>200	>200	>200	✔	0.21	38.0	28.6	✔
13														
14														
15														
16														
17														
18														

☆ *Note: Where the installation can be supplied by more than one source, such as a primary source (e.g. public supply) and a secondary source (e.g. standby generator), the higher or highest values must be recorded.*

TESTED BY

Signature:	J. L. Scriven	Position:	Approved Electrician
Name: (CAPITALS)	JUSTIN SCRIVEN	Date of testing:	02/09/2015

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SCHEDULE OF CIRCUIT DETAILS FOR THE INSTALLATION - CONTINUATION

TO BE COMPLETED IN EVERY CASE		TO BE COMPLETED ONLY IF THE DISTRIBUTION BOARD IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION*							
Location of distribution board:	Third Floor Common Room	Supply to distribution board is from:	Busbar Riser [7L1]	No of phases:	1	Nominal voltage:	230	V	
Distribution board designation:	DB/CL8	Overcurrent protective device for the distribution circuit: Type: BS (EN)	60947-2	Rating:	63	A	Associated RCD (if any) : BS (EN)	Not Applicable	
				RCD No of poles:	N/A	$I_{\Delta n}$	N/A	mA	

CIRCUIT DETAILS

Circuit number and line	Circuit designation	Type of wiring (see code below)	Reference method ↑	Number of points served	Circuit conductors: csa Live (mm²)	Circuit conductors: csa cpc (mm²)	Max. disconnection time permitted by BS 7671 (s)	Overcurrent protective devices BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)	RCD Operating current, $I_{\Delta n}$ (mA)	Maximum Z_s permitted by BS 7671 (Ω)
1	Lighting Common Room	A	E	6	1.5	1	0.4	61009	C	10	10	30	2.3
2	Lighting Bedroom 1	A	E	15	1.5	1	0.4	61009	C	10	10	30	2.3
3	Lighting Bedroom 2	A	E	10	1.5	1	0.4	61009	C	10	10	30	2.3
4	Lighting Bedroom 3	A	E	10	1.5	1	0.4	61009	C	10	10	30	2.3
5	SPARE												
6	Ring Main Bedroom 1	A	E	12	2.5	1.5	0.4	61009	B	32	10	30	1.44
7	Ring Main Bedroom 2	A	E	8	2.5	1.5	0.4	61009	B	32	10	30	1.44
8	Ring Main Bedroom 3	A	E	8	2.5	1	0.4	61009	B	32	10	30	1.44
9	Common Room Ring Main 1	A	E	5	2.5	1.5	0.4	61009	B	32	10	30	1.44
10	Common Room Ring Main 2	A	E	3	2.5	1.5	0.4	61009	B	32	10	30	1.44
11	Common Room Cooker 1	A	E	1	10	4	0.4	61009	B	32	10	30	1.44
12	Common Room Cooker 2	A	E	1	2.5	1.5	0.4	61009	B	32	10	30	1.44
13	SPARE												
14	SPARE												
15	SPARE												
16	SPARE												
17	SPARE												
18	SPARE												

* *In such cases, details of the distribution (sub-main) circuit(s), together with the test results for the circuit(s), must also be provided on continuation schedules.*

↑ *See Table 4A2 of Appendix 4 of BS 7671*

CODES FOR TYPE OF WIRING								
A	B	C	D	E	F	G	H	O (Other - please state)
Thermoplastic insulated/ sheathed cables	Thermoplastic cables in metallic conduit	Thermoplastic cables in non-metallic conduit	Thermoplastic cables in metallic trunking	Thermoplastic cables in non-metallic trunking	Thermoplastic /SWA cables	Thermosetting/ SWA cables	Mineral-insulated cables	

See next page for Schedule of Test Results

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SCHEDULE OF TEST RESULTS FOR THE INSTALLATION - CONTINUATION

TO BE COMPLETED ONLY IF THE DISTRIBUTION BOARD IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Characteristics at this distribution board

	✔	Confirmation of supply polarity			
☆ See note below					
Z_s *	0.13	Ω	Operating times of associated RCD (if any)	At $I_{\Delta n}$	N/A ms
I_{pf} *	1.78	kA		At $5I_{\Delta n}$ (if applicable)	N/A ms

Test instruments (serial numbers) used:

Earth fault loop impedance		RCD	
Insulation resistance		Multi-function	090409/9887
Continuity		Other	

TEST RESULTS

Circuit number and line	Circuit impedances (Ω)					Insulation resistance *Record lower or lowest value*				Polarity	Maximum measured earth fault loop impedance, Z_s*	RCD		
	Ring final circuits only (measured end to end)			All circuits (At least one column to be completed)		Line/Line	Line/Neutral	Line/Earth	Neutral/Earth			Operating times		Test button operation
	r_1 (Line)	r_n (Neutral)	r_2 (cpc)	$(R_1 + R_2)$	R_2	(MΩ)	(MΩ)	(MΩ)	(MΩ)	(✓)	(Ω)	at $I_{\Delta n}$ (ms)	at $5I_{\Delta n}$ (if applicable) (ms)	(✓)
1	N/A	N/A	N/A	0.21	N/A	N/A	>200	>200	>200	✔	0.35	38.0	28.0	✔
2	N/A	N/A	N/A	0.81	N/A	N/A	>200	>200	>200	✔	0.95	38.2	28.6	✔
3	N/A	N/A	N/A	0.76	N/A	N/A	>200	>200	>200	✔	0.88	37.9	28.8	✔
4	N/A	N/A	N/A	0.65	N/A	N/A	>200	>200	>200	✔	0.78	38.5	27.9	✔
5														
6	0.42	0.42	0.67	0.24	N/A	N/A	>200	>200	>200	✔	0.41	39.0	28.3	✔
7	0.42	0.42	0.65	0.23	N/A	N/A	>200	>200	>200	✔	0.41	38.6	28.5	✔
8	0.42	0.42	0.46	0.19	N/A	N/A	>200	>200	>200	✔	0.38	38.1	29.0	✔
9	0.35	0.35	0.53	0.23	N/A	N/A	>200	>200	>200	✔	0.38	37.9	27.8	✔
10	0.32	0.32	0.49	0.29	N/A	N/A	>200	>200	>200	✔	0.42	38.3	28.0	✔
11	N/A	N/A	N/A	0.10	N/A	N/A	>200	>200	>200	✔	0.11	38.1	28.2	✔
12	N/A	N/A	N/A	0.11	N/A	N/A	>200	>200	>200	✔	0.12	38.4	28.5	✔
13														
14														
15														
16														
17														
18														

* *Note: Where the installation can be supplied by more than one source, such as a primary source (e.g. public supply) and a secondary source (e.g. standby generator), the higher or highest values must be recorded.*

TESTED BY

Signature:	J. L. Scriven	Position:	Approved Electrician
Name: (CAPITALS)	JUSTIN SCRIVEN	Date of testing:	02/09/2015

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SCHEDULE OF CIRCUIT DETAILS FOR THE INSTALLATION - CONTINUATION

TO BE COMPLETED IN EVERY CASE		TO BE COMPLETED ONLY IF THE DISTRIBUTION BOARD IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION*						
Location of distribution board:	Plant Room	Supply to distribution board is from:	Busbar Riser [9TP]	No of phases:	3	Nominal voltage:	400	V
Distribution board designation:	DB/PL	Overcurrent protective device for the distribution circuit: Type: BS (EN)	60947-2	Rating:	63 A	Associated RCD (if any) : BS (EN)	Not Applicable	
				RCD No of poles:	N/A	$I_{\Delta n}$	N/A	mA

CIRCUIT DETAILS

Circuit number and line	Circuit designation	Type of wiring (see code below)	Reference method ↑	Number of points served	Circuit conductors: csa Live (mm²)	Circuit conductors: csa cpc (mm²)	Max. disconnection time permitted by BS 7671 (s)	Overcurrent protective devices BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)	RCD Operating current, $I_{\Delta n}$ (mA)	Maximum Z_s permitted by BS 7671 (Ω)
1TP	DB/PL/L	G	E	1	16	16	5	60947-2		63	36	N/A	0.38
2TP	DB/PL/P	G	E	1	16	16	5	60947-2		63	36	N/A	0.38

* *In such cases, details of the distribution (sub-main) circuit(s), together with the test results for the circuit(s), must also be provided on continuation schedules.*

↑ *See Table 4A2 of Appendix 4 of BS 7671*

CODES FOR TYPE OF WIRING								
A	B	C	D	E	F	G	H	O (Other - please state)
Thermoplastic insulated/ sheathed cables	Thermoplastic cables in metallic conduit	Thermoplastic cables in non-metallic conduit	Thermoplastic cables in metallic trunking	Thermoplastic cables in non-metallic trunking	Thermoplastic /SWA cables	Thermosetting/ SWA cables	Mineral-insulated cables	

See next page for Schedule of Test Results

NICEIC APPROVED CONTRACTOR

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ICNC/IPNC* 00561288

* Delete as appropriate

Original (To the person ordering the work)

SCHEDULE OF TEST RESULTS FOR THE INSTALLATION - CONTINUATION

TO BE COMPLETED ONLY IF THE DISTRIBUTION BOARD IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Characteristics at this distribution board

	✔	Confirmation of supply polarity			
☆ See note below					
Z_s ☆	0.13	Ω	Operating times of associated RCD (if any)	At $I_{\Delta n}$	N/A ms
I_{pf} ☆	2.87	kA		At $5I_{\Delta n}$ (if applicable)	N/A ms

Test instruments (serial numbers) used:

Earth fault loop impedance		RCD	
Insulation resistance		Multi-function	090409/9887
Continuity		Other	

TEST RESULTS

Circuit number and line	Circuit impedances (Ω)					Insulation resistance *Record lower or lowest value*				Polarity	Maximum measured earth fault loop impedance, Z_s☆	RCD		
	Ring final circuits only (measured end to end)			All circuits (At least one column to be completed)		Line/Line	Line/Neutral	Line/Earth	Neutral/Earth			Operating times		Test button operation
	r_1 (Line)	r_n (Neutral)	r_2 (cpc)	$(R_1 + R_2)$	R_2	(MΩ)	(MΩ)	(MΩ)	(MΩ)	(✓)	(Ω)	at $I_{\Delta n}$ (ms)	at $5I_{\Delta n}$ (if applicable) (ms)	(✓)
1TP	N/A	N/A	N/A	0.02	N/A	>200	>200	>200	>200	✔	0.12	N/A	N/A	
2TP	N/A	N/A	N/A	0.02	N/A	>200	>200	>200	>200	✔	0.12	N/A	N/A	

* *Note: Where the installation can be supplied by more than one source, such as a primary source (e.g. public supply) and a secondary source (e.g. standby generator), the higher or highest values must be recorded.*

TESTED BY

Signature:	J. L. Scriven	Position:	Approved Electrician
Name: (CAPITALS)	JUSTIN SCRIVEN	Date of testing:	02/09/2015

See previous page for Schedule of Circuit Details

NICEIC APPROVED CONTRACTOR

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Original (To the person ordering the work)

SCHEDULE OF CIRCUIT DETAILS FOR THE INSTALLATION - CONTINUATION

TO BE COMPLETED IN EVERY CASE		TO BE COMPLETED ONLY IF THE DISTRIBUTION BOARD IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION*						
Location of distribution board:	Plant Room	Supply to distribution board is from:	DB/PL [1TP]	No of phases:	3	Nominal voltage:	400	V
		Overcurrent protective device for the distribution circuit:		Associated RCD (if any) : BS (EN)	Not Applicable			
Distribution board designation:	DB/PL/L	Type: BS (EN)	60947-2	Rating:	63 A	RCD No of poles:	N/A	$I_{\Delta n}$ N/A mA

CIRCUIT DETAILS

Circuit number and line	Circuit designation	Type of wiring (see code below)	Reference method ↑	Number of points served	Circuit conductors: csa Live (mm²)	Circuit conductors: csa cpc (mm²)	Max. disconnection time permitted by BS 7671 (s)	Overcurrent protective devices BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)	RCD Operating current, $I_{\Delta n}$ (mA)	Maximum Z_s permitted by BS 7671 (Ω)
1L1	Lighting Plant Room	A	E	2	1.5	1	0.4	61009	C	10	10	30	2.3
1L2	Lighting Staircase	A	E	2	1.5	1	0.4	61009	C	10	10	30	2.3
1L3	SPARE												
2L1	SPARE												
2L2	SPARE												
2L3	SPARE												
3L1	SPARE												
3L2	SPARE												
3L3	SPARE												
4L1	SPARE												
4L2	SPARE												
4L3	SPARE												
5L1	SPARE												
5L2	SPARE												
5L3	SPARE												
6L1	SPARE												
6L2	SPARE												
6L3	SPARE												
7L1	SPARE												
7L2	SPARE												
7L3	SPARE												
8L1	SPARE												
8L2	SPARE												
8L3	SPARE												

* *In such cases, details of the distribution (sub-main) circuit(s), together with the test results for the circuit(s), must also be provided on continuation schedules.*

↑ *See Table 4A2 of Appendix 4 of BS 7671*

CODES FOR TYPE OF WIRING								
A	B	C	D	E	F	G	H	O (Other - please state)
Thermoplastic insulated/ sheathed cables	Thermoplastic cables in metallic conduit	Thermoplastic cables in non-metallic conduit	Thermoplastic cables in metallic trunking	Thermoplastic cables in non-metallic trunking	Thermoplastic /SWA cables	Thermosetting/ SWA cables	Mineral-insulated cables	

See next page for Schedule of Test Results

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Original (To the person ordering the work)

SCHEDULE OF TEST RESULTS FOR THE INSTALLATION - CONTINUATION

TO BE COMPLETED ONLY IF THE DISTRIBUTION BOARD IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Characteristics at this distribution board

	✔	Confirmation of supply polarity			
☆ See note below					
Z_s *	0.12	Ω	Operating times of associated RCD (if any)	At $I_{\Delta n}$	N/A ms
I_{pf} *	2.87	kA		At $5I_{\Delta n}$ (if applicable)	N/A ms

Test instruments (serial numbers) used:

Earth fault loop impedance		RCD	
Insulation resistance		Multi-function	090409/9887
Continuity		Other	

TEST RESULTS

Circuit number and line	Circuit impedances (Ω)					Insulation resistance *Record lower or lowest value*				Polarity	Maximum measured earth fault loop impedance, Z_s*	RCD		
	Ring final circuits only (measured end to end)			All circuits (At least one column to be completed)		Line/Line	Line/Neutral	Line/Earth	Neutral/Earth			Operating times		Test button operation
	r_1 (Line)	r_n (Neutral)	r_2 (cpc)	$(R_1 + R_2)$	R_2	(MΩ)	(MΩ)	(MΩ)	(MΩ)	(✓)	(Ω)	at $I_{\Delta n}$ (ms)	at $5I_{\Delta n}$ (if applicable) (ms)	(✓)
1L1	N/A	N/A	N/A	0.54	N/A	N/A	>200	>200	>200	✔	0.62	38.4	28.3	✔
1L2	N/A	N/A	N/A	0.66	N/A	N/A	>200	>200	>200	✔	0.78	39.0	28.6	✔
1L3														
2L1														
2L2														
2L3														
3L1														
3L2														
3L3														
4L1														
4L2														
4L3														
5L1														
5L2														
5L3														
6L1														
6L2														
6L3														
7L1														
7L2														
7L3														
8L1														
8L2														
8L3														

* *Note: Where the installation can be supplied by more than one source, such as a primary source (e.g. public supply) and a secondary source (e.g. standby generator), the higher or highest values must be recorded.*

TESTED BY

Signature:	J. L. Scriven	Position:	Approved Electrician
Name: (CAPITALS)	JUSTIN SCRIVEN	Date of testing:	02/09/2015

See previous page for Schedule of Circuit Details

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SCHEDULE OF CIRCUIT DETAILS FOR THE INSTALLATION - CONTINUATION

TO BE COMPLETED IN EVERY CASE		TO BE COMPLETED ONLY IF THE DISTRIBUTION BOARD IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION*							
Location of distribution board:	Plant Room	Supply to distribution board is from:	DB/PL [2TP]	No of phases:	3	Nominal voltage:	400	V	
Distribution board designation:	DB/PL/P	Overcurrent protective device for the distribution circuit: Type: BS (EN)	60947-2	Rating:	63	A	Associated RCD (if any) : BS (EN)	Not Applicable	
				RCD No of poles:	N/A	$I_{\Delta n}$	N/A	mA	

CIRCUIT DETAILS

Circuit number and line	Circuit designation	Type of wiring (see code below)	Reference method ↑	Number of points served	Circuit conductors: csa Live (mm²)	Circuit conductors: csa cpc (mm²)	Max. disconnection time permitted by BS 7671 (s)	Overcurrent protective devices BS (EN)	Overcurrent protective devices Type	Overcurrent protective devices Rating (A)	Overcurrent protective devices Short-circuit capacity (kA)	RCD Operating current, $I_{\Delta n}$ (mA)	Maximum Z_s permitted by BS 7671 (Ω)
1L1	Plant Room sockets	A	E	2	2.5	1.5	0.4	61009	B	32	10	30	1.44
1L2	Head of Shaft AOV	O	F	1	2.5	2.5	0.4	60898	C	16	10	N/A	1.44
1L3	Tubular Heater	A	E	1	2.5	1.5	0.4	60898	B	16	10	N/A	2.88
2TP	Roof Extract Fan 1	G	E	1	2.5	1.5	0.4	60898	B	16	10	N/A	2.88
3TP	Roof Extract Fan 2	G	E	1	2.5	1.5	0.4	60898	B	16	10	N/A	2.88
4TP	Roof Extract Fan 3	F	E	1	2.5	1.5	0.4	60898	B	16	10	N/A	2.88
5TP	Roof Extract Fan 4	F	E	1	2.5	1.5	0.4	60898	B	16	10	N/A	2.88
6TP	Roof Extract Fan 5	F	E	1	2.5	1.5	0.4	60898	B	16	10	N/A	2.88
7TP	Roof Extract Fan 6	F	E	1	2.5	1.5	0.4	60898	B	16	10	N/A	2.88
8TP	Roof Extract Fan 7	F	E	1	2.5	1.5	0.4	60898	B	16	10	N/A	2.88
9L1	SPARE												
9L2	SPARE												
9L3	SPARE												
10L1	SPARE												
10L2	SPARE												
10L3	SPARE												
11L1	SPARE												
11L2	SPARE												
11L3	SPARE												
12L1	SPARE												
12L2	SPARE												
12L3	SPARE												
13L1	SPARE												
13L2	SPARE												

* *In such cases, details of the distribution (sub-main) circuit(s), together with the test results for the circuit(s), must also be provided on continuation schedules.*

↑ *See Table 4A2 of Appendix 4 of BS 7671*

CODES FOR TYPE OF WIRING								
A	B	C	D	E	F	G	H	O (Other - please state)
Thermoplastic insulated/ sheathed cables	Thermoplastic cables in metallic conduit	Thermoplastic cables in non-metallic conduit	Thermoplastic cables in metallic trunking	Thermoplastic cables in non-metallic trunking	Thermoplastic /SWA cables	Thermosetting/ SWA cables	Mineral-insulated cables	FP200/Firetuff

See next page for Schedule of Test Results

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Original (To the person ordering the work)

SCHEDULE OF TEST RESULTS FOR THE INSTALLATION - CONTINUATION

TO BE COMPLETED ONLY IF THE DISTRIBUTION BOARD IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Characteristics at this distribution board

	✔	Confirmation of supply polarity			
☆ See note below					
Z_s ☆	0.12	Ω	Operating times of associated RCD (if any)	At $I_{\Delta n}$	N/A ms
I_{pf} ☆	2.87	kA		At $5I_{\Delta n}$ (if applicable)	N/A ms

Test instruments (serial numbers) used:

Earth fault loop impedance		RCD	
Insulation resistance		Multi-function	090409/9887
Continuity		Other	

TEST RESULTS

Circuit number and line	Circuit impedances (Ω)					Insulation resistance *Record lower or lowest value*				Polarity	Maximum measured earth fault loop impedance, Z_s☆	RCD		
	Ring final circuits only (measured end to end)			All circuits (At least one column to be completed)		Line/Line	Line/Neutral	Line/Earth	Neutral/Earth			Operating times		Test button operation
	r_1 (Line)	r_n (Neutral)	r_2 (cpc)	$(R_1 + R_2)$	R_2	(MΩ)	(MΩ)	(MΩ)	(MΩ)	(✓)	(Ω)	at $I_{\Delta n}$ (ms)	at $5I_{\Delta n}$ (if applicable) (ms)	(✓)
1L1	0.40	0.40	0.62	0.24	N/A	N/A	>200	>200	>200	✔	0.28	38.4	28.5	✔
1L2	N/A	N/A	N/A	0.15	N/A	N/A	200	200	200	✔	0.27	N/A	N/A	
1L3	N/A	N/A	N/A	0.17	N/A	N/A	>200	>200	>200	✔	0.28	N/A	N/A	
2TP	N/A	N/A	N/A	0.27	N/A	>200	>200	>200	>200	✔	0.39	N/A	N/A	
3TP	N/A	N/A	N/A	0.26	N/A	>200	>200	>200	>200	✔	0.38	N/A	N/A	
4TP	N/A	N/A	N/A	0.17	N/A	>200	>200	>200	>200	✔	0.29	N/A	N/A	
5TP	N/A	N/A	N/A	0.21	N/A	>200	>200	>200	>200	✔	0.33	N/A	N/A	
6TP	N/A	N/A	N/A	0.24	N/A	>200	>200	>200	>200	✔	0.36	N/A	N/A	
7TP	N/A	N/A	N/A	0.28	N/A	>200	>200	>200	>200	✔	0.40	N/A	N/A	
8TP	N/A	N/A	N/A	0.30	N/A	>200	>200	>200	>200	✔	0.42	N/A	N/A	
9L1														
9L2														
9L3														
10L1														
10L2														
10L3														
11L1														
11L2														
11L3														
12L1														
12L2														
12L3														
13L1														
13L2														

☆ *Note: Where the installation can be supplied by more than one source, such as a primary source (e.g. public supply) and a secondary source (e.g. standby generator), the higher or highest values must be recorded.*

TESTED BY

Signature:	J. L. Scriven	Position:	Approved Electrician
Name: (CAPITALS)	JUSTIN SCRIVEN	Date of testing:	02/09/2015

See previous page for Schedule of Circuit Details

NICEIC APPROVED CONTRACTOR

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Original (To the person ordering the work)

SCHEDULE OF CIRCUIT DETAILS FOR THE INSTALLATION - CONTINUATION

TO BE COMPLETED IN EVERY CASE		TO BE COMPLETED ONLY IF THE DISTRIBUTION BOARD IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION*							
Location of distribution board:	Plant Room	Supply to distribution board is from:	DB/PL [2TP]	No of phases:	3	Nominal voltage:	400	V	
Distribution board designation:	DB/PL/P	Overcurrent protective device for the distribution circuit: Type: BS (EN)	60947-2	Rating:	63	A	Associated RCD (if any) : BS (EN)	Not Applicable	
				RCD No of poles:	N/A	$I_{\Delta n}$	N/A	mA	

CIRCUIT DETAILS

Circuit number and line	Circuit designation	Type of wiring (see code below)	Reference method ↟	Number of points served	Circuit conductors: csa Live (mm²)	Circuit conductors: csa cpc (mm²)	Max. disconnection time permitted by BS 7671 (s)	Overcurrent protective devices BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)	RCD Operating current, $I_{\Delta n}$ (mA)	Maximum Z_s permitted by BS 7671 (Ω)
13L3	SPARE												
14L1	SPARE												
14L2	SPARE												
14L3	SPARE												

* *In such cases, details of the distribution (sub-main) circuit(s), together with the test results for the circuit(s), must also be provided on continuation schedules.*

↟ *See Table 4A2 of Appendix 4 of BS 7671*

CODES FOR TYPE OF WIRING								
A	B	C	D	E	F	G	H	O (Other - please state)
Thermoplastic insulated/ sheathed cables	Thermoplastic cables in metallic conduit	Thermoplastic cables in non-metallic conduit	Thermoplastic cables in metallic trunking	Thermoplastic cables in non-metallic trunking	Thermoplastic /SWA cables	Thermosetting/ SWA cables	Mineral-insulated cables	FP200/Firetuff

See next page for Schedule of Test Results

NICEIC APPROVED CONTRACTOR

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ICNC/IPNC* 00561288

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Original (To the person ordering the work)

SCHEDULE OF TEST RESULTS FOR THE INSTALLATION - CONTINUATION

TO BE COMPLETED ONLY IF THE DISTRIBUTION BOARD IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Characteristics at this distribution board

	✔	Confirmation of supply polarity			
☆ See note below					
Z_s ☆	0.12	Ω	Operating times of associated RCD (if any)	At $I_{\Delta n}$	N/A ms
I_{pf} ☆	2.87	kA		At $5I_{\Delta n}$ (if applicable)	N/A ms

Test instruments (serial numbers) used:

Earth fault loop impedance		RCD	
Insulation resistance		Multi-function	090409/9887
Continuity		Other	

TEST RESULTS

Circuit number and line	Circuit impedances (Ω)					Insulation resistance *Record lower or lowest value*				Polarity	Maximum measured earth fault loop impedance, Z_s☆	RCD		
	Ring final circuits only (measured end to end)			All circuits (At least one column to be completed)		Line/Line	Line/Neutral	Line/Earth	Neutral/Earth			Operating times		Test button operation (✓)
	r_1 (Line)	r_n (Neutral)	r_2 (cpc)	$(R_1 + R_2)$	R_2	(MΩ)	(MΩ)	(MΩ)	(MΩ)	(✓)	(Ω)	at $I_{\Delta n}$ (ms)	at $5I_{\Delta n}$ (if applicable) (ms)	
13L3														
14L1														
14L2														
14L3														

* *Note: Where the installation can be supplied by more than one source, such as a primary source (e.g. public supply) and a secondary source (e.g. standby generator), the higher or highest values must be recorded.*

TESTED BY

Signature:	J. L. Scriven	Position:	Approved Electrician
Name: (CAPITALS)	JUSTIN SCRIVEN	Date of testing:	02/09/2015

See previous page for Schedule of Circuit Details

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Original (To the person ordering the work)

SCHEDULE OF CIRCUIT DETAILS FOR THE INSTALLATION - CONTINUATION

TO BE COMPLETED IN EVERY CASE		TO BE COMPLETED ONLY IF THE DISTRIBUTION BOARD IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION*							
Location of distribution board:	Building 9 Plant Room	Supply to distribution board is from:	Busbar Riser [10TP]	No of phases:	3	Nominal voltage:	400	V	
Distribution board designation:	MSCP DB	Overcurrent protective device for the distribution circuit: Type: BS (EN)	60947-2	Rating:	20	A	Associated RCD (if any) : BS (EN)	Not Applicable	
				RCD No of poles:	N/A	$I_{\Delta n}$	N/A	mA	

CIRCUIT DETAILS

Circuit number and line	Circuit designation	Type of wiring (see code below)	Reference method ↟	Number of points served	Circuit conductors: csa Live (mm²)	Circuit conductors: csa cpc (mm²)	Max. disconnection time permitted by BS 7671 (s)	Overcurrent protective devices BS (EN)	Overcurrent protective devices Type	Overcurrent protective devices Rating (A)	Overcurrent protective devices Short-circuit capacity (kA)	RCD Operating current, $I_{\Delta n}$ (mA)	Maximum Z_s permitted by BS 7671 (Ω)
1L1	LTHW Pressurisation Unit	B	B	1	2.5	2.5	0.4	60898	D	6	6	N/A	1.93
1L2	Boiler No1	B	B	1	2.5	2.5	0.4	60898	C	16	6	N/A	5.76
1L3	Boiler No2	B	B	1	2.5	2.5	0.4	60898	C	4	6	N/A	5.76
2L1	VT Secondary Pump 1	B	B	1	2.5	2.5	0.4	60898	D	16	6	N/A	0.73
2L2	SPARE						0.4						
2L3	SPARE						0.2						
3L1	VT Secondary Pump 2	B	B	1	2.5	2.5	5	60898	D	16	6	N/A	0.73
3L2	DHWS Boiler 1	B	B	1	2.5	2.5	0.4	60898	C	10	6	N/A	2.3
3L3	DHWS Boiler 2	B	B	1	2.5	2.5	0.4	60898	C	10	6	N/A	2.3
4L1	DHWS Secondary Pump	B	B	1	2.5	2.5	0.4	60898	D	16	6	N/A	2.92
4L2	SPARE												
4L3	SPARE												

* *In such cases, details of the distribution (sub-main) circuit(s), together with the test results for the circuit(s), must also be provided on continuation schedules.*

↟ *See Table 4A2 of Appendix 4 of BS 7671*

CODES FOR TYPE OF WIRING								
A	B	C	D	E	F	G	H	O (Other - please state)
Thermoplastic insulated/ sheathed cables	Thermoplastic cables in metallic conduit	Thermoplastic cables in non-metallic conduit	Thermoplastic cables in metallic trunking	Thermoplastic cables in non-metallic trunking	Thermoplastic /SWA cables	Thermosetting/ SWA cables	Mineral-insulated cables	

See next page for Schedule of Test Results

NICEIC APPROVED CONTRACTOR

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* Delete as appropriate

Original (To the person ordering the work)

SCHEDULE OF TEST RESULTS FOR THE INSTALLATION - CONTINUATION

TO BE COMPLETED ONLY IF THE DISTRIBUTION BOARD IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Characteristics at this distribution board

	✔	Confirmation of supply polarity			
☆ See note below					
Z_s ☆	0.08 Ω	Operating times of associated RCD (if any)	At $I_{\Delta n}$	N/A ms	
I_{pf} ☆	5.0 kA		At $5I_{\Delta n}$ (if applicable)	N/A ms	

Test instruments (serial numbers) used:

Earth fault loop impedance		RCD	
Insulation resistance		Multi-function	090409/9887
Continuity		Other	

TEST RESULTS

Circuit number and line	Circuit impedances (Ω)					Insulation resistance *Record lower or lowest value*				Polarity	Maximum measured earth fault loop impedance, Z_s☆	RCD		
	Ring final circuits only (measured end to end)			All circuits (At least one column to be completed)		Line/Line	Line/Neutral	Line/Earth	Neutral/Earth			Operating times		Test button operation
	r_1 (Line)	r_n (Neutral)	r_2 (cpc)	$(R_1 + R_2)$	R_2	(MΩ)	(MΩ)	(MΩ)	(MΩ)	(✓)	(Ω)	at $I_{\Delta n}$ (ms)	at $5I_{\Delta n}$ (if applicable) (ms)	(✓)
1L1	N/A	N/A	N/A	0.03	N/A	N/A	>200	>200	>200	✔	0.15	N/A	N/A	
1L2	N/A	N/A	N/A	0.06	N/A	N/A	>200	>200	>200	✔	0.19	N/A	N/A	
1L3	N/A	N/A	N/A	0.03	N/A	N/A	>200	>200	>200	✔	0.14	N/A	N/A	
2L1	N/A	N/A	N/A	0.07	N/A	N/A	>200	>200	>200	✔	0.20	N/A	N/A	
2L2														
2L3														
3L1	N/A	N/A	N/A	0.17	N/A	N/A	>200	>200	>200	✔	0.25	N/A	N/A	
3L2	N/A	N/A	N/A	0.09	N/A	N/A	>200	>200	>200	✔	0.20	N/A	N/A	
3L3	N/A	N/A	N/A	0.09	N/A	N/A	>200	>200	>200	✔	0.19	N/A	N/A	
4L1	N/A	N/A	N/A	0.10	N/A	N/A	>200	>200	>200	✔	0.21	N/A	N/A	
4L2														
4L3														

☆ *Note: Where the installation can be supplied by more than one source, such as a primary source (e.g. public supply) and a secondary source (e.g. standby generator), the higher or highest values must be recorded.*

TESTED BY

Signature:	J. L. Scriven	Position:	Approved Electrician
Name: (CAPITALS)	JUSTIN SCRIVEN	Date of testing:	02/09/2015

See previous page for Schedule of Circuit Details

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Original (To the person ordering the work)

SCHEDULE OF CIRCUIT DETAILS FOR THE INSTALLATION - CONTINUATION

TO BE COMPLETED IN EVERY CASE		TO BE COMPLETED ONLY IF THE DISTRIBUTION BOARD IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION*							
Location of distribution board:	Ground Floor Common Room	Supply to distribution board is from:	Main Panel Board [7L1]	No of phases:	1	Nominal voltage:	230	V	
Distribution board designation:	DB/CL1	Overcurrent protective device for the distribution circuit: Type: BS (EN)	60947-2	Rating:	63	A	Associated RCD (if any) : BS (EN)	Not Applicable	
				RCD No of poles:	N/A	$I_{\Delta n}$	N/A	mA	

CIRCUIT DETAILS

Circuit number and line	Circuit designation	Type of wiring (see code below)	Reference method ↑	Number of points served	Circuit conductors: csa Live (mm²)	Circuit conductors: csa cpc (mm²)	Max. disconnection time permitted by BS 7671 (s)	Overcurrent protective devices BS (EN)	Overcurrent protective devices Type	Overcurrent protective devices Rating (A)	Overcurrent protective devices Short-circuit capacity (kA)	RCD Operating current, $I_{\Delta n}$ (mA)	Maximum Z_s permitted by BS 7671 (Ω)
1	Common Room Lighting	A	E	6	1.5	1	0.4	61009	C	10	10	30	2.3
2	Lighting Premium Room	A	E	15	1.5	1	0.4	61009	C	10	10	30	2.3
3	Lighting Premium Room	A	E	15	1.5	1	0.4	61009	C	10	10	30	2.3
4	SPARE												
5	SPARE												
6	Premium Room Ring Main 1	A	E	12	2.5	1.5	0.4	61009	B	32	10	30	1.44
7	Premium Room Ring Main 2	A	E	12	2.5	1.5	0.4	61009	B	32	10	30	1.44
8	Common Room Cooker 1	A	E	1	10	6	0.4	61009	B	32	10	30	1.44
9	SPARE						0.4						
10	Common Room Ring Main 1	A	E	5	2.5	1.5	0.4	61009	B	32	10	30	1.44
11	Common Room Ring Main 2	A	E	3	2.5	1.5	0.4	61009	B	32	10	30	1.44
12	SPARE												
13	SPARE												
14	SPARE												
15	SPARE												
16	SPARE												

* *In such cases, details of the distribution (sub-main) circuit(s), together with the test results for the circuit(s), must also be provided on continuation schedules.*

↑ *See Table 4A2 of Appendix 4 of BS 7671*

CODES FOR TYPE OF WIRING								
A	B	C	D	E	F	G	H	O (Other - please state)
Thermoplastic insulated/ sheathed cables	Thermoplastic cables in metallic conduit	Thermoplastic cables in non-metallic conduit	Thermoplastic cables in metallic trunking	Thermoplastic cables in non-metallic trunking	Thermoplastic /SWA cables	Thermosetting/ SWA cables	Mineral-insulated cables	

See next page for Schedule of Test Results

NICEIC APPROVED CONTRACTOR

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Original (To the person ordering the work)

SCHEDULE OF TEST RESULTS FOR THE INSTALLATION - CONTINUATION

TO BE COMPLETED ONLY IF THE DISTRIBUTION BOARD IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Characteristics at this distribution board

	✔	Confirmation of supply polarity			
☆ See note below					
Z_s ☆	0.13	Ω	Operating times of associated RCD (if any)	At $I_{\Delta n}$	N/A ms
I_{pf} ☆	1.55	kA		At $5I_{\Delta n}$ (if applicable)	N/A ms

Test instruments (serial numbers) used:

Earth fault loop impedance		RCD	
Insulation resistance		Multi-function	090409/9887
Continuity		Other	

TEST RESULTS

Circuit number and line	Circuit impedances (Ω)					Insulation resistance *Record lower or lowest value*				Polarity	Maximum measured earth fault loop impedance, Z_s☆	RCD		
	Ring final circuits only (measured end to end)			All circuits (At least one column to be completed)		Line/Line	Line/Neutral	Line/Earth	Neutral/Earth			Operating times		Test button operation
	r_1 (Line)	r_n (Neutral)	r_2 (cpc)	$(R_1 + R_2)$	R_2	(MΩ)	(MΩ)	(MΩ)	(MΩ)	(✓)	(Ω)	at $I_{\Delta n}$ (ms)	at $5I_{\Delta n}$ (if applicable) (ms)	(✓)
1	N/A	N/A	N/A	0.25	N/A	N/A	>200	>200	>200	✔	0.38	38.0	28.8	✔
2	N/A	N/A	N/A	0.81	N/A	N/A	>200	>200	>200	✔	0.94	38.3	28.8	✔
3	N/A	N/A	N/A	0.69	N/A	N/A	200	200	200	✔	0.83	38.4	28.6	✔
4														
5														
6	0.56	0.56	0.73	0.28	N/A	N/A	>200	>200	>200	✔	0.63	37.9	29.1	✔
7	0.48	0.48	0.65	0.24	N/A	N/A	>200	>200	>200	✔	0.63	38.4	28.4	✔
8	N/A	N/A	N/A	0.08	N/A	N/A	>200	>200	>200	✔	0.20	38.0	27.9	✔
9														
10	0.35	0.35	0.49	0.21	N/A	N/A	>200	>200	>200	✔	0.34	38.1	28.6	✔
11	0.29	0.29	0.40	0.19	N/A	N/A	>200	>200	>200	✔	0.31	38.2	29.0	✔
12														
13														
14														
15														
16														

☆ *Note: Where the installation can be supplied by more than one source, such as a primary source (e.g. public supply) and a secondary source (e.g. standby generator), the higher or highest values must be recorded.*

TESTED BY

Signature:	J. L. Scriven	Position:	Approved Electrician
Name: (CAPITALS)	JUSTIN SCRIVEN	Date of testing:	02/09/2015

See previous page for Schedule of Circuit Details

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Original (To the person ordering the work)

SCHEDULE OF CIRCUIT DETAILS FOR THE INSTALLATION - CONTINUATION

TO BE COMPLETED IN EVERY CASE		TO BE COMPLETED ONLY IF THE DISTRIBUTION BOARD IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION*							
Location of distribution board:	Ground Floor Common Room	Supply to distribution board is from:	Main Panel Board [8L2]	No of phases:	1	Nominal voltage:	230	V	
Distribution board designation:	DB/CL2	Overcurrent protective device for the distribution circuit: Type: BS (EN)	60947-2	Rating:	63	A	Associated RCD (if any) : BS (EN)	Not Applicable	
				RCD No of poles:	N/A	$I_{\Delta n}$	N/A	mA	

CIRCUIT DETAILS

Circuit number and line	Circuit designation	Type of wiring (see code below)	Reference method ↟	Number of points served	Circuit conductors: csa Live (mm²)	Circuit conductors: csa cpc (mm²)	Max. disconnection time permitted by BS 7671 (s)	Overcurrent protective devices BS (EN)	Overcurrent protective devices Type	Overcurrent protective devices Rating (A)	Overcurrent protective devices Short-circuit capacity (kA)	RCD Operating current, $I_{\Delta n}$ (mA)	Maximum Z_s permitted by BS 7671 (Ω)
1	Common Room Lighting	A	E	6	1.5	1	0.4	61009	C	10	10	30	2.3
2	Lighting Premium Room	A	E	15	1.5	1	0.4	61009	C	10	10	30	2.3
3	Lighting Premium Room	A	E	10	1.5	1	0.4	61009	C	10	10	30	2.3
4	Lighting Premium Room	A	E	10	1.5	1	0.4	61009	C	10	10	30	2.3
5	SPARE												
6	Ring Main Premium Room	A	E	12	2.5	1.5	0.4	61009	B	32	10	30	1.44
7	Ring Main Premium Room	A	E	8	2.5	1.5	0.4	61009	B	32	10	30	1.44
8	Ring Main Premium Room	A	E	8	2.5	1.5	0.4	61009	B	32	10	30	1.44
9	Common Room Cooker 1	A	E	1	10	6	0.4	61009	B	32	10	30	1.44
10	Common Room Cooker 2	A	E	1	10	6	0.4	61009	B	32	10	30	1.44
11	Common Room Ring Main 1	A	E	3	2.5	1.5	0.4	61009	B	32	10	30	1.44
12	Common Room Ring Main 2	A	E	5	2.5	1.5	0.4	61009	B	32	10	30	1.44
13	SPARE												
14	SPARE												
15	SPARE												
16	SPARE												
17	SPARE												
18	SPARE												

* *In such cases, details of the distribution (sub-main) circuit(s), together with the test results for the circuit(s), must also be provided on continuation schedules.*

↟ *See Table 4A2 of Appendix 4 of BS 7671*

CODES FOR TYPE OF WIRING								
A	B	C	D	E	F	G	H	O (Other - please state)
Thermoplastic insulated/ sheathed cables	Thermoplastic cables in metallic conduit	Thermoplastic cables in non-metallic conduit	Thermoplastic cables in metallic trunking	Thermoplastic cables in non-metallic trunking	Thermoplastic /SWA cables	Thermosetting/ SWA cables	Mineral-insulated cables	

See next page for Schedule of Test Results

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Original (To the person ordering the work)

SCHEDULE OF TEST RESULTS FOR THE INSTALLATION - CONTINUATION

TO BE COMPLETED ONLY IF THE DISTRIBUTION BOARD IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Characteristics at this distribution board

	✔	Confirmation of supply polarity			
☆ See note below					
Z_s ☆	0.13	Ω	Operating times of associated RCD (if any)	At $I_{\Delta n}$	N/A ms
I_{pf} ☆	1.78	kA		At $5I_{\Delta n}$ (if applicable)	N/A ms

Test instruments (serial numbers) used:

Earth fault loop impedance		RCD	
Insulation resistance		Multi-function	090409/9887
Continuity		Other	

TEST RESULTS

Circuit number and line	Circuit impedances (Ω)					Insulation resistance *Record lower or lowest value*				Polarity	Maximum measured earth fault loop impedance, Z_s☆	RCD		
	Ring final circuits only (measured end to end)			All circuits (At least one column to be completed)		Line/Line	Line/Neutral	Line/Earth	Neutral/Earth			Operating times		Test button operation (✓)
	r_1 (Line)	r_n (Neutral)	r_2 (cpc)	$(R_1 + R_2)$	R_2	(MΩ)	(MΩ)	(MΩ)	(MΩ)	(✓)	(Ω)	at $I_{\Delta n}$ (ms)	at $5I_{\Delta n}$ (if applicable) (ms)	
1	N/A	N/A	N/A	0.25	N/A	N/A	>200	>200	>200	✔	0.34	38.0	27.7	✔
2	N/A	N/A	N/A	0.78	N/A	N/A	>200	>200	>200	✔	0.91	38.4	28.8	✔
3	N/A	N/A	N/A	0.70	N/A	N/A	>200	>200	>200	✔	0.82	37.7	29.0	✔
4	N/A	N/A	N/A	0.68	N/A	N/A	>200	>200	>200	✔	0.83	38.3	27.7	✔
5														
6	0.60	0.60	0.83	0.28	N/A	N/A	>200	>200	>200	✔	0.43	39.6	28.2	✔
7	0.36	0.36	0.52	0.23	N/A	N/A	>200	>200	>200	✔	0.38	38.5	28.7	✔
8	0.45	0.45	0.68	0.27	N/A	N/A	>200	>200	>200	✔	0.41	38.2	29.0	✔
9	N/A	N/A	N/A	0.08	N/A	N/A	>200	>200	>200	✔	0.20	37.9	27.7	✔
10	N/A	N/A	N/A	0.07	N/A	N/A	>200	>200	>200	✔	0.20	38.0	29.1	✔
11	0.37	0.37	0.52	0.21	N/A	N/A	>200	>200	>200	✔	0.34	38.4	28.4	✔
12	0.31	0.31	0.42	0.16	N/A	N/A	>200	>200	>200	✔	0.29	38.6	27.8	✔
13														
14														
15														
16														
17														
18														

☆ *Note: Where the installation can be supplied by more than one source, such as a primary source (e.g. public supply) and a secondary source (e.g. standby generator), the higher or highest values must be recorded.*

TESTED BY

Signature:	J. L. Scriven	Position:	Approved Electrician
Name: (CAPITALS)	JUSTIN SCRIVEN	Date of testing:	02/09/2015

See previous page for Schedule of Circuit Details

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SCHEDULE OF CIRCUIT DETAILS FOR THE INSTALLATION - CONTINUATION

TO BE COMPLETED IN EVERY CASE		TO BE COMPLETED ONLY IF THE DISTRIBUTION BOARD IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION*						
Location of distribution board:	Ground Floor Common Room	Supply to distribution board is from:	Main Panel Board [9TP]	No of phases:	3	Nominal voltage:	400	V
Distribution board designation:	DB/LL1	Overcurrent protective device for the distribution circuit: Type: BS (EN)	60947-2	Rating:	63 A	Associated RCD (if any) : BS (EN) / RCD No of poles:	Not Applicable / N/A	$I_{\Delta n}$ N/A mA

CIRCUIT DETAILS

Circuit number and line	Circuit designation	Type of wiring (see code below)	Reference method ↑	Number of points served	Circuit conductors: csa Live (mm²)	Circuit conductors: csa cpc (mm²)	Max. disconnection time permitted by BS 7671 (s)	Overcurrent protective devices: BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)	RCD: Operating current, $I_{\Delta n}$ (mA)	Maximum Z_s permitted by BS 7671 (Ω)
1TP	DB/LL1/L	G	E	1	25	16	5	60947-2		63	36	N/A	0.38
2TP	DB/LL1/P	G	E	1	25	16	5	60947-2		63	36	N/A	0.38

* *In such cases, details of the distribution (sub-main) circuit(s), together with the test results for the circuit(s), must also be provided on continuation schedules.*

↑ *See Table 4A2 of Appendix 4 of BS 7671*

CODES FOR TYPE OF WIRING								
A	B	C	D	E	F	G	H	O (Other - please state)
Thermoplastic insulated/ sheathed cables	Thermoplastic cables in metallic conduit	Thermoplastic cables in non-metallic conduit	Thermoplastic cables in metallic trunking	Thermoplastic cables in non-metallic trunking	Thermoplastic /SWA cables	Thermosetting/ SWA cables	Mineral-insulated cables	

See next page for Schedule of Test Results

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SCHEDULE OF TEST RESULTS FOR THE INSTALLATION - CONTINUATION

TO BE COMPLETED ONLY IF THE DISTRIBUTION BOARD IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Characteristics at this distribution board

	✔	Confirmation of supply polarity			
☆ See note below					
Z_s ☆	0.12	Ω	Operating times of associated RCD (if any)	At $I_{\Delta n}$	N/A ms
I_{pf} ☆	3.45	kA		At $5I_{\Delta n}$ (if applicable)	N/A ms

Test instruments (serial numbers) used:

Earth fault loop impedance		RCD	
Insulation resistance		Multi-function	090409/9887
Continuity		Other	

TEST RESULTS

Circuit number and line	Circuit impedances (Ω)					Insulation resistance *Record lower or lowest value*				Polarity	Maximum measured earth fault loop impedance, Z_s☆	RCD		
	Ring final circuits only (measured end to end)			All circuits (At least one column to be completed)		Line/Line	Line/Neutral	Line/Earth	Neutral/Earth			Operating times		Test button operation
	r_1 (Line)	r_n (Neutral)	r_2 (cpc)	$(R_1 + R_2)$	R_2	(MΩ)	(MΩ)	(MΩ)	(MΩ)	(✓)	(Ω)	at $I_{\Delta n}$ (ms)	at $5I_{\Delta n}$ (if applicable) (ms)	(✓)
1TP	N/A	N/A	N/A	0.02	N/A	>200	>200	>200	>200	✔	0.12	N/A	N/A	
2TP	N/A	N/A	N/A	0.02	N/A	>200	>200	>200	>200	✔	0.12	N/A	N/A	

☆ *Note: Where the installation can be supplied by more than one source, such as a primary source (e.g. public supply) and a secondary source (e.g. standby generator), the higher or highest values must be recorded.*

TESTED BY

Signature:	J. L. Scriven	Position:	Approved Electrician
Name: (CAPITALS)	JUSTIN SCRIVEN	Date of testing:	02/09/2015

See previous page for Schedule of Circuit Details

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SCHEDULE OF CIRCUIT DETAILS FOR THE INSTALLATION - CONTINUATION

TO BE COMPLETED IN EVERY CASE		TO BE COMPLETED ONLY IF THE DISTRIBUTION BOARD IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION*						
Location of distribution board:	Riser Cupboard	Supply to distribution board is from:	DB/LL1 [1TP]	No of phases:	3	Nominal voltage:	400	V
		Overcurrent protective device for the distribution circuit:		Associated RCD (if any) : BS (EN)	Not Applicable			
Distribution board designation:	DB/LL1/L	Type: BS (EN)	60947-2	Rating:	63 A	RCD No of poles:	N/A	$I_{\Delta n}$ N/A mA

CIRCUIT DETAILS

Circuit number and line	Circuit designation	Type of wiring (see code below)	Reference method ↑	Number of points served	Circuit conductors: csa Live (mm²)	Circuit conductors: csa cpc (mm²)	Max. disconnection time permitted by BS 7671 (s)	Overcurrent protective devices BS (EN)	Overcurrent protective devices Type	Overcurrent protective devices Rating (A)	Overcurrent protective devices Short-circuit capacity (kA)	RCD Operating current, $I_{\Delta n}$ (mA)	Maximum Z_s permitted by BS 7671 (Ω)
1L1	Lighting Ground Floor Circulation	A	E	8	1.5	1	0.4	61009	C	10	10	30	2.3
1L2	Lighting First Floor Circulation	A	E	12	1.5	1	0.4	61009	C	10	10	30	2.3
1L3	Bus Power Supply Unit	A	E	1	2.5	1	0.4	61009	C	16	10	30	1.44
2L1	Lighting Ground Floor Circulation	A	E	12	1.5	1	0.4	61009	C	10	10	30	2.3
2L2	Lighting First Floor Circulation	A	E	12	2.5	1	0.4	61009	C	10	10	30	2.3
2L3	SPARE												
3L1	Lighting IT Hub Room	A	E	2	1.5	1	0.4	61009	C	10	10	30	2.3
3L2	SPARE												
3L3	SPARE												
4L1	Ground Floor stairwell Lighting	A	E	10	1.5	1	0.4	61009	C	10	10	30	2.3
4L2	First Floor Stairwell Lighting	A	E	8	1.5	1	0.4	61009	C	10	10	30	2.3
4L3	SPARE												
5L1	SPARE						0.4						
5L2	SPARE												
5L3	SPARE												
6L1	SPARE												
6L2	SPARE												
6L3	SPARE												

* *In such cases, details of the distribution (sub-main) circuit(s), together with the test results for the circuit(s), must also be provided on continuation schedules.*

↑ *See Table 4A2 of Appendix 4 of BS 7671*

CODES FOR TYPE OF WIRING							
A	B	C	D	E	F	G	H	O (Other - please state)
Thermoplastic insulated/ sheathed cables	Thermoplastic cables in metallic conduit	Thermoplastic cables in non-metallic conduit	Thermoplastic cables in metallic trunking	Thermoplastic cables in non-metallic trunking	Thermoplastic /SWA cables	Thermosetting/ SWA cables	Mineral-insulated cables	

See next page for Schedule of Test Results

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SCHEDULE OF TEST RESULTS FOR THE INSTALLATION - CONTINUATION

TO BE COMPLETED ONLY IF THE DISTRIBUTION BOARD IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Characteristics at this distribution board

	✔	Confirmation of supply polarity			
☆ See note below					
Z_s ☆	0.12	Ω	Operating times of associated RCD (if any)	At $I_{\Delta n}$	N/A ms
I_{pf} ☆	3.45	kA		At $5I_{\Delta n}$ (if applicable)	N/A ms

Test instruments (serial numbers) used:

Earth fault loop impedance		RCD	
Insulation resistance		Multi-function	090409/9887
Continuity		Other	

TEST RESULTS

Circuit number and line	Circuit impedances (Ω)					Insulation resistance *Record lower or lowest value*				Polarity	Maximum measured earth fault loop impedance, Z_s☆	RCD		
	Ring final circuits only (measured end to end)			All circuits (At least one column to be completed)		Line/Line	Line/Neutral	Line/Earth	Neutral/Earth			Operating times		Test button operation
	r_1 (Line)	r_n (Neutral)	r_2 (cpc)	$(R_1 + R_2)$	R_2	(MΩ)	(MΩ)	(MΩ)	(MΩ)	(✓)	(Ω)	at $I_{\Delta n}$ (ms)	at $5I_{\Delta n}$ (if applicable) (ms)	(✓)
1L1	N/A	N/A	N/A	0.54	N/A	N/A	>200	>200	>200	✔	0.64	38.1	27.9	✔
1L2	N/A	N/A	N/A	0.58	N/A	N/A	>200	>200	>200	✔	0.70	38.0	28.4	✔
1L3	N/A	N/A	N/A	0.18	N/A	N/A	>200	>200	>200	✔	0.29	39.1	28.5	✔
2L1	N/A	N/A	N/A	0.45	N/A	N/A	>200	>200	>200	✔	0.59	38.4	28.2	✔
2L2	N/A	N/A	N/A	0.48	N/A	N/A	>200	>200	>200	✔	0.61	38.6	29.0	✔
2L3														
3L1	N/A	N/A	N/A	0.46	N/A	N/A	>200	>200	>200	✔	0.58	37.7	28.4	✔
3L2														
3L3														
4L1	N/A	N/A	N/A	0.31	N/A	N/A	>200	>200	>200	✔	0.44	38.5	28.5	✔
4L2	N/A	N/A	N/A	0.36	N/A	N/A	>200	>200	>200	✔	0.48	39.0	28.0	✔
4L3														
5L1														
5L2														
5L3														
6L1														
6L2														
6L3														

☆ *Note: Where the installation can be supplied by more than one source, such as a primary source (e.g. public supply) and a secondary source (e.g. standby generator), the higher or highest values must be recorded.*

TESTED BY

Signature:	J. L. Scriven	Position:	Approved Electrician
Name: (CAPITALS)	JUSTIN SCRIVEN	Date of testing:	02/09/2015

See previous page for Schedule of Circuit Details

NICEIC APPROVED CONTRACTOR

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ICNC/IPNC*
* Delete as appropriate
00561288

Original (To the person ordering the work)

SCHEDULE OF CIRCUIT DETAILS FOR THE INSTALLATION - CONTINUATION

TO BE COMPLETED IN EVERY CASE		TO BE COMPLETED ONLY IF THE DISTRIBUTION BOARD IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION*						
Location of distribution board:	Riser Cupboard	Supply to distribution board is from:	DB/LL1 [2TP]	No of phases:	3	Nominal voltage:	400	V
		Overcurrent protective device for the distribution circuit:		Associated RCD (if any) : BS (EN)	Not Applicable			
Distribution board designation:	DB/LL1/P	Type: BS (EN)	60947-2	Rating:	63 A	RCD No of poles:	N/A	$I_{\Delta n}$ N/A mA

CIRCUIT DETAILS

Circuit number and line	Circuit designation	Type of wiring (see code below)	Reference method ↟	Number of points served	Circuit conductors: csa Live (mm²)	Circuit conductors: csa cpc (mm²)	Max. disconnection time permitted by BS 7671 (s)	Overcurrent protective devices BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)	RCD Operating current, $I_{\Delta n}$ (mA)	Maximum Z_s permitted by BS 7671 (Ω)
1L1	Cleaners Sockets Ground Floor	A	E	5	2.5	1.5	0.4	61009	B	32	10	30	1.44
1L2	GF IT Hub Commando Socket	A	E	1	4	1.5	0.4	60898	B	16	10	N/A	2.88
1L3	Cleaners Sockets First Floor	A	E	5	2.5	1.5	0.4	61009	B	32	10	30	1.44
2L1	Ground Floor Main Door Access PSU	A	E	1	2.5	1.5	0.4	60898	C	16	10	N/A	1.44
2L2	GF IT Hub Commando socket	A	E	1	4	1.5	0.4	60898	B	16	10	N/A	2.88
2L3	First Floor Smoke Shaft AOD	O	E	1	2.5	2.5	0.4	60898	C	16	10	N/A	1.44
3L1	Ground Floor Intercom Unit	A	E	1	2.5	1.5	0.4	60898	B	16	10	30	2.88
3L2	Ground Floor IT Hub Commando Socket	A	E	1	4	1.5	0.4	60898	B	16	10	N/A	2.88
3L3	SPARE												
4L1	GF Smoke Shaft AOD	O	E	1	2.5	2.5	0.4	60898	C	16	10	N/A	1.44
4L2	IT Hub Ring main	A	E	1	2.5	1.5	0.4	61009	B	32	10	30	1.44
4L3	SPARE												
5L1	SPARE						0.4						
5L2	GF IT Hub Tubular Heater	A	E	1	4	1.5	0.4	60898	B	16	10	N/A	2.88
5L3	SPARE												
6L1	SPARE												
6L2	SPARE												
6L3	SPARE												

* *In such cases, details of the distribution (sub-main) circuit(s), together with the test results for the circuit(s), must also be provided on continuation schedules.*

↟ *See Table 4A2 of Appendix 4 of BS 7671*

CODES FOR TYPE OF WIRING								
A	B	C	D	E	F	G	H	O (Other - please state)
Thermoplastic insulated/ sheathed cables	Thermoplastic cables in metallic conduit	Thermoplastic cables in non-metallic conduit	Thermoplastic cables in metallic trunking	Thermoplastic cables in non-metallic trunking	Thermoplastic /SWA cables	Thermosetting/ SWA cables	Mineral-insulated cables	FP200/Firetuff

See next page for Schedule of Test Results

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* Delete as appropriate

Original (To the person ordering the work)

SCHEDULE OF TEST RESULTS FOR THE INSTALLATION - CONTINUATION

TO BE COMPLETED ONLY IF THE DISTRIBUTION BOARD IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Characteristics at this distribution board

	✔	Confirmation of supply polarity			
☆ See note below					
Z_s ☆	0.12	Ω	Operating times of associated RCD (if any)	At $I_{\Delta n}$	N/A ms
I_{pf} ☆	3.45	kA		At $5I_{\Delta n}$ (if applicable)	N/A ms

Test instruments (serial numbers) used:

Earth fault loop impedance		RCD	
Insulation resistance		Multi-function	090409/9887
Continuity		Other	

TEST RESULTS

Circuit number and line	Circuit impedances (Ω)					Insulation resistance *Record lower or lowest value*				Polarity	Maximum measured earth fault loop impedance, Z_s☆	RCD		
	Ring final circuits only (measured end to end)			All circuits (At least one column to be completed)		Line/Line	Line/Neutral	Line/Earth	Neutral/Earth			Operating times		Test button operation
	r_1 (Line)	r_n (Neutral)	r_2 (cpc)	$(R_1 + R_2)$	R_2	(MΩ)	(MΩ)	(MΩ)	(MΩ)	(✓)	(Ω)	at $I_{\Delta n}$ (ms)	at $5I_{\Delta n}$ (if applicable) (ms)	(✓)
1L1	0.87	0.87	1.32	0.31	N/A	N/A	>200	>200	>200	✔	0.43	38.1	27.9	✔
1L2	N/A	N/A	N/A	0.21	N/A	N/A	>200	>200	>200	✔	0.35	N/A	N/A	
1L3	1.03	1.03	1.49	0.35	N/A	N/A	>200	>200	>200	✔	0.47	38.0	28.3	✔
2L1	N/A	N/A	N/A	0.26	N/A	N/A	>200	>200	>200	✔	0.37	N/A	N/A	
2L2	N/A	N/A	N/A	0.21	N/A	N/A	>200	>200	>200	✔	0.34	N/A	N/A	
2L3	N/A	N/A	N/A	0.28	N/A	N/A	>200	>200	>200	✔	0.37	N/A	N/A	
3L1	N/A	N/A	N/A	0.19	N/A	N/A	>200	>200	>200	✔	0.30	N/A	N/A	
3L2	N/A	N/A	N/A	0.21	N/A	N/A	>200	>200	>200	✔	0.35	N/A	N/A	
3L3														
4L1	N/A	N/A	N/A	0.24	N/A	N/A	>200	>200	>200	✔	0.34	N/A	N/A	
4L2	0.65	0.65	0.97	0.26	N/A	N/A	>200	>200	>200	✔	0.38	38.9	28.0	✔
4L3														
5L1														
5L2	N/A	N/A	N/A	0.23	N/A	N/A	>200	>200	>200	✔	0.36	N/A	N/A	
5L3														
6L1														
6L2														
6L3														

☆ *Note: Where the installation can be supplied by more than one source, such as a primary source (e.g. public supply) and a secondary source (e.g. standby generator), the higher or highest values must be recorded.*

TESTED BY

Signature:	J. L. Scriven	Position:	Approved Electrician
Name: (CAPITALS)	JUSTIN SCRIVEN	Date of testing:	02/09/2015

See previous page for Schedule of Circuit Details