APPROVED CONTRACTOR

Contractor's Reference Number

This certificate is not valid if the serial number has been defaced or altered DPN6/0869457

Original (To the person ordering the work)

DOMESTIC ELECTRICAL INSTALLATION CONDITION REPORT (FOR A SINGLE DWELLING)

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

A. DETAILS OF THE CLIENT

Client: Grwp Gwalia Cyf

Address: Ty Gwalia
7-13 The Kingsway
Swansea
West Glamorgan

Postcode: SA1 5JN

B. PURPOSE OF THE REPORT

Purpose for which this report is required: Periodic inspection & Test communal area only.

Date(s) on which inspection and testing were carried out: 21st December 2018

C. DETAILS OF THE INSTALLATION

Occupier: Communal area

Address: Block D
Ty Beck House,
Sketty Road,
Uplands,
Swansea,

Postcode: SA2 0NH

Estimated age of the electrical installation: 25 years

Evidence of alterations or additions: ✔ If yes, estimated age: 5 years

Date of previous inspection: N/A

Electrical Installation Certificate No or previous Periodic Inspection or Condition Report No: N/A

Records of installation available: No

Records held by: N/A

D. EXTENT OF THE INSTALLATION AND LIMITATIONS ON THE INSPECTION AND TESTING

Extent of the electrical installation covered by this report:

Communal DB in D block and associated circuits only.

Agreed limitations (including the reasons), if any, on the inspection and testing:

Audio circuits,
Heating control circuits,
Telecommunication circuits,
Attic voids
Door control circuits,
Unable to locate circuits 6 and 7.

Agreed with: Client

Operational limitations including the reasons (see page No. N/A)

None.

The inspection and testing have been carried out in accordance with BS 7671, as amended. Cables concealed within trunking and conduits, or cables and conduits concealed under floors, in inaccessible roof spaces and generally within the fabric of the building or underground, have not been visually inspected unless specifically agreed between the client and inspector prior to the inspection.

E. SUMMARY OF THE CONDITION OF THE INSTALLATION

General condition of the installation (in terms of electrical safety):

All in working order.

Summary of the condition of the installation continued on additional pages? No ✔ Yes Specify page

Overall assessment of the installation: SATISFACTORY / ~~UNSATISFACTORY~~

* **An 'Unsatisfactory' assessment indicates that dangerous (CODE C1) and/or potentially dangerous (CODE C2) conditions have been identified, or that Further investigation without delay (FI) is required**

Please see the 'Notes for Recipients'

NICEIC APPROVED CONTRACTOR

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DOMESTIC ELECTRICAL INSTALLATION CONDITION REPORT (FOR A SINGLE DWELLING)

Original (To the person ordering the work)

F. OBSERVATIONS AND RECOMMENDATIONS FOR ACTIONS TO BE TAKEN

Referring to the attached schedules of inspection and test results, and subject to the limitations at D:

There are no items adversely affecting electrical safety N/A **or** The following observations and recommendations for action are made ✔

Item No	Observations	Code †
1	Main DB - For inspections carried out after 1 January 2016 - Presence of a consumer unit or similar switchgear made from combustible material (e.g. plastic) that is not inside a non-combustible enclosure and which is Located under wooden staircase	C3
2	Circuit 1 - Absence of RCD protection for cables installed at a depth of less than 50 mm from a surface of a wall or partition where the cables do not incorporate an earthed metallic covering, are not enclosed in earthed metalwork, or are not mechanically protected against penetration by nails and the like.	C3

Additional Pages? No ✔ Yes Specify page

†One of the following codes, as appropriate, has been allocated to each of the observations made above to indicate to the person(s) responsible for the installation the degree of urgency for remedial action:

Code C1 ***"Danger Present"*** Risk of injury. Immediate remedial action required.
Code C2 ***"Potentially dangerous"*** Urgent remedial action required.
Code C3 ***"Improvement recommended".***
Code FI ***"Further investigation required without delay".***

Please see the 'Guidance for Recipients' regarding the Classification codes.

Immediate remedial action required for items:

Urgent remedial action required for items:

Further investigation required without delay for items:

Improvement recommended for items: 1, 2

G. DECLARATION

I/We, being the person(s) responsible for the inspection and testing of the electrical installation (as indicated by my/our signatures below), particulars of which are described on page 1 (see C), having exercised reasonable skill and care when carrying out the inspection and testing, hereby declare that the information in this report, including the observations (see F) and the attached schedules (see H), provides an accurate assessment of the condition of the electrical installation taking into account the stated extent of the installation and the limitations on the inspection and testing (see D).

I/We further declare that in my/our judgement, the overall assessment of the installation in terms of its suitability for continued use is SATISFACTORY / ~~UNSATISFACTORY~~

(see F) at the time the inspection was carried out, and that it should be further inspected as recommended (see I).

*** An 'Unsatisfactory' assessment indicates that dangerous (CODE C1) and/or potentially dangerous (CODE C2) conditions have been identified, or that Further investigation without delay (FI) is required**

INSPECTION, TESTING AND ASSESSMENT BY:

Signature [signature]

Name (CAPITALS) DEAN HOBDAY

Position Electrician

Date: 18/12/2018

REPORT REVIEWED AND CONFIRMED BY:

Signature [signature]

Name (CAPITALS) RICHARD DAVIES

(Registered Qualified Supervisor for the Approved Contractor at J)

Date: 18/12/2018

H. SCHEDULES AND ADDITIONAL PAGES

Schedule of Inspection: Page(s) No 4,5,6

Additional pages, including data sheets for additional source(s) : Page No(s)

Schedule of Test Results for the Installation: Page No(s) 7

Schedule of Circuit Details for the Installation: Page No(s) 7

The pages identified are an essential part of this report. The report is valid only if accompanied by all the schedules and additional pages identified above.

NICEIC APPROVED CONTRACTOR

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DOMESTIC ELECTRICAL INSTALLATION CONDITION REPORT (FOR A SINGLE DWELLING)

Original (To the person ordering the work)

I. NEXT INSPECTION

I/We recommend that this installation is further inspected and tested after an interval of not more than

5 Years

(Enter interval in terms of years, months or weeks, as appropriate)

provided that any items at F which have been attributed a Classification code C1 (danger present) are remedied immediately and that any items which have been attributed a code C2 (potentially dangerous) or FI (further investigation required without delay) are remedied or investigated respectively as a matter of urgency. Items which have been attributed a Classification code C3 should be improved as soon as practicable (see F).

J. DETAILS OF NICEIC APPROVED CONTRACTOR

Trading Title: A & R Electrical Wales Ltd

Address: 15 Alder Road
Cimla
Neath
Glam

Postcode: SA11 3NY

Telephone number: 01639 775810

Email Address: office@aandrelectrical.co.uk

Enrolment number: 040640
(Essential information)

Branch number: 001
(if applicable)

K. SUPPLY CHARACTERISTICS AND EARTHING ARRANGEMENTS

System Type(s)

TN-S	
TN-C-S	✔
TT	

Number and Type of Live Conductors

a.c.	✔		
1-phase (2 wire)		1-phase (3 wire)	✔
2-phase (3 wire)			
3-phase (3 wire)		3-phase (4 wire)	

Other (please state)

Nature of Supply Parameters

Nominal Voltage(s): $U^{(1)}$	N/A V	U_0 (1)	230 V
Nominal frequency, $f^{(1)}$	50 Hz	Number of sources	1
Prospective fault current, I_{pf} (2)(3)	0.89 kA		
External earth fault loop impendance, Z_e (3)(4)	0.27 Ω		

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

Characteristics of Primary Supply Overcurrent Protective Device(s)

BS(EN) BS 1361 Fuse HBC Domestic Type

Type 2

Rated current 100 A

Short-circuit capacity 16.5 kA

Confirmation of supply polarity ✔ (✔)

L. PARTICULARS OF INSTALLATION AT THE ORIGIN

Means of Earthing

Distributor's facility: ✔

Installation earth electrode:

Details of Installation Earth Electrode (where applicable)

Type: (eg rod(s),tape etc) N/A

Electrode resistance, R_A: N/A (Ω)

Location: N/A

Method of measurement: N/A

Main Switch/Switch-Fuse/Circuit-Breaker/RCD

Type: BS(EN)	BS EN 60947-	Voltage rating	230 V
No of Poles	2	Rated current, I_n	100 A
Primary supply conductors (material)	Copper	RCD operating current, $I_{\Delta n}$*	N/A mA
Primary supply conductors (csa)	16.0 mm²	Rated time delay*	N/A ms
		RCD operating time (at $I_{\Delta n}$)*	N/A ms

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

Earthing conductor

Conductor material	Copper
Conductor csa	10.0 mm²
Connection/ continuity verified	✔ (✔)

Earthing and protective bonding conductors

Main protective bonding conductors

Conductor material	N/A
Conductor csa	N/A mm²
Connection/ continuity verified	(✔)

Bonding of extraneous-conductive-parts (✔)

Water service		Gas Service	
Oil service		Structural steel	
Lightning protection			
Other (Specify)			

NICEIC APPROVED CONTRACTOR

DOMESTIC ELECTRICAL INSTALLATION CONDITION REPORT (FOR A SINGLE DWELLING)

Original (To the person ordering the work)

SCHEDULE OF INSPECTIONS

Item	Description	Outcome*	Location reference
1.0	**Condition/adequacy of distributor's/supply intake equipment†**		
1.1	Service cable	✔	
1.2	Service head	✔	
1.3	Distributor's earthing arrangement	✔	
1.4	Meter tails - Distributor/Consumer	✔	
1.5	Metering equipment	✔	
1.6	Means of main isolation (where present)	✔	
2.0	**Presence of adequate arrangements for other sources (microgenerators etc)**		
2.1	Adequate arrangements where a generating set operates as a switched alternative to the public supply	N/A	
2.2	Adequate arrangements where a generating set operates in parallel with the public supply	N/A	
3.0	**Earthing and bonding arrangements**		
3.1	Presence and condition of distributor's earthing arrangement	✔	
3.2	Presence and condition of earth electrode connection	N/A	
3.3	Confirmation of adequate earthing conductor size	✔	
3.4	Accessibility and condition of earthing conductor at Main Earthing Terminal (MET)	✔	
3.5	Confirmation of adequate main protective bonding conductor sizes	N/A	
3.6	Accessibility and condition of main protective bonding conductor connections	N/A	
3.7	Accessibility and condition of other protective bonding connections	N/A	
3.8	Provision of earthing and bonding labels at all appropriate locations	N/A	

Item	Description	Outcome*	Location reference
4.0	**Consumer unit(s)**		
4.1	Adequacy of working space or access to consumer unit	✔	
4.2	Security of fixing	✔	
4.3	Condition of enclosure(s) in terms of IP rating	✔	
4.4	Condition of enclosure(s) in terms of fire rating	C3	
4.5	Enclosure not damaged/deteriorated so as to impair safety	✔	
4.6	Presence of linked main switch	✔	
4.7	Operation of main switch (functional check)	✔	
4.8	Operation of circuit-breakers and RCDs to prove disconnection (functional check)	✔	
4.9	Correct identification of circuits and protective devices	LIM	
4.10	Presence of RCD test notice at or near consumer unit	✔	
4.11	Presence of non-standard (mixed) cable colour warning notice at or near consumer unit	✔	
4.12	Presence of alternative or additional supply warning notice at or near consumer unit	N/A	
4.13	Presence of replacement next inspection recommendation label	✔	
4.14	Presence of other required labelling (please specify)	N/A	
4.15	Examination of protective device(s) and base(s); correct type and rating (no signs of unacceptable thermal damage, arcing or overheating)	✔	
4.16	Single-pole switching or protective devices in the line conductors only	✔	
4.17	Protection against mechanical damage where cables enter consumer unit	✔	
4.18	Protection against electromagnetic effects where cables enter metallic consumer unit/enclosure	N/A	
4.19	RCDs provided for fault protection - includes RCBOs	✔	

* ***All Outcome boxes must be completed***
'✔' indicates Acceptable condition
'LIM' indicates a Limitation
'N/A' indicates Not applicable
Unacceptable condition state C1 or C2
Improvement recommended state C3
Further investigation required without delay state FI (to determine whether danger or potential danger exists)

† Where inadequacies in distributor's equipment are encountered, it is recommended that the person ordering the report informs the appropriate authority.

Outcome
Provide additional comment where appropriate on attached numbered sheets. C1, C2, C3 and FI coded items to be recorded in Section F of the report.

DOMESTIC ELECTRICAL INSTALLATION CONDITION REPORT (FOR A SINGLE DWELLING)

Original (To the person ordering the work)

SCHEDULE OF INSPECTIONS

Item	Description	Outcome*	Location reference
4.20	RCDs provided for additional protection - includes RCBOs	✔	
4.21	Confirmation of indication that SPD is functional	N/A	
4.22	Confirmation that ALL conductor connections, including connections to busbars are correctly located in terminals and are tight and secure	✔	
5.0	**Distribution/final circuits**		
5.1	Identification of conductors	✔	
5.2	Cables correctly supported throughout their length	LIM	
5.3	Condition of insulation of live parts	✔	
5.4	Non-sheathed cables protected by enclosure in conduit, ducting or trunking (including confirmation of the integrity of conduit and trunking systems)	N/A	
5.5	Adequacy of cables for current-carrying capacity with regard to the type and nature of installation	✔	
5.6	Adequacy of protective devices; type and rated current for fault protection	✔	
5.7	Presence and adequacy of circuit protective conductors	✔	
5.8	Co-ordination between conductors and overload protective devices	✔	
5.9	Wiring system(s) appropriate for the type and nature of the installation and external influences	✔	
5.10	Cables installed under floors, above ceilings, in walls / partitions, adequately protected against damage		
	· installed in prescribed zones (see Section D. Extent and limitations)	N/A	
	· incorporating earthed armour or sheath, or installed within earthed wiring system, or otherwise protected against mechanical damage by nails, screws and the	N/A	

Item	Description	Outcome*	Location reference
5.11	Provision of additional protection by RCD not exceeding 30 mA		
	· ‡ for all socket-outlets of rating 20 A or less	✔	
	· ‡ for mobile equipment not exceeding a rating of 32A for use outdoors	✔	
	· ‡ for cables installed in walls or partitions at a depth o less than 50 mm	C3	
	· ‡ for cables installed in walls / partitions containing metal parts regardless of depth	C3	
5.12	Provision of fire barriers, sealing arrangements and protection against thermal effects	LIM	
5.13	Band II cables segregated/separated from Band I cables	LIM	
5.14	Cables segregated/separated from communications cabling	LIM	
5.15	Cables segregated/separated from non-electrical services	LIM	
5.16	Termination of cables at enclosures (extent of sampling indicated in Section D of the report)		
	· Connections soundly made and under no undue strain	✔	
	· No basic insulation of a conductor visible outside enclosures	✔	
	· Connections of live conductors adequately enclosed	✔	
	· Adequately connected at point of entry to enclosure (glands, bushes etc.)	✔	
5.17	Condition of accessories including socket-outlets, switches and joint boxes	✔	
5.18	Suitability of accessories for external influences	✔	
5.19	Adequacy of working space / accessibility to equipment	✔	
5.20	Single-pole devices for switching or protection in line conductors only	✔	
6.0	**Isolation and switching (isolation, switching off for mechanical maintenance and functional switching)**		

Notes: † Installations designed prior to BS 7671:2008 may not have been provided with RCDs for additional protection

Provide additional comment where appropriate on attached numbered sheets.
C1, C2, C3 and FI coded items to be recorded in Section F of the report.

* ***All Outcome boxes must be completed***
'✔' indicates Acceptable condition
'LIM' indicates a Limitation
'N/A' indicates Not applicable
Unacceptable condition state C1 or C2
Improvement recommended state C3
Further investigation required without delay state FI
(to determine whether danger or potential danger exists)

DOMESTIC ELECTRICAL INSTALLATION CONDITION REPORT (FOR A SINGLE DWELLING)

Original (To the person ordering the work)

SCHEDULE OF INSPECTIONS

Item	Description	Outcome*	Location reference
6.1	In general		
	- presence and condition of appropriate devices	✔	
	- correct operation verified	✔	
6.2	For isolation and switching for mechanical maintenance only		
	- capable of being secured in the OFF position where appropriate	N/A	
	- acceptable location - state if local or remote from equipment being controlled where appropriate	N/A	
	- clearly identified by position and/or durable marking(s)	N/A	
6.3	For isolation only		
	- warning label(s) posted in situations where live parts cannot be isolated by the operation of a single device	N/A	
7.0	**Current-using equipment (Permanently connected)**		
7.1	Condition of equipment in terms of IP rating	✔	
7.2	Equipment does not constitute a fire hazard	✔	
7.3	Enclosure not damaged/deteriorated so as to impair safety	✔	
7.4	Suitability for the environment and external influences	✔	
7.5	Security of fixing	✔	
7.6	Cable entry holes in ceiling above luminaires, sized or sealed so as to restrict the spread of fire List number and location of luminaires inspected. (Separate page)	LIM	
7.7	Recessed luminaires (downlighters)		
	- correct type of lamps fitted	N/A	
	- installed to minimise build-up of heat by use of 'fire rated' fittings, insulation displacement box or similar	N/A	
	- no signs of overheating to surrounding building fabric	✔	
	- no signs of overheating to conductors/terminations	✔	
8.0	**Location(s) containing a bath or shower**		
8.1	Additional protection by RCD not exceeding 30 mA		
	- for low voltage circuits serving the location	N/A	
	- for low voltage circuits passing through Zone 1 and Zone 2 not serving the location	N/A	
8.2	Where used as a protective measure, requirements for SELV or PELV are met	N/A	
8.3	Shaver sockets comply with BS EN 61558-2-5 formerly BS 3535	N/A	
8.4	Presence of supplementary bonding conductors unless not required by BS 7671: 2008	N/A	
8.5	Low voltage (e.g. 230 volts) socket-outlets sited at least 3 m from zone 1	N/A	
8.6	Suitability of equipment for external influences for installed location in terms of IP rating	N/A	
8.7	Suitability of equipment for installation in a particular zone	N/A	
9.0	**Other special installations or locations - Part 7s**		
9.1	List all other special installations or locations present, if any. (Record the results of particular inspection applied separately).	N/A	

* ***All Outcome boxes must be completed***
'✔' indicates Acceptable condition
'LIM' indicates a Limitation
'N/A' indicates Not applicable
Unacceptable condition state C1 or C2
Improvement recommended state C3
Further investigation required without delay state FI (to determine whether danger or potential danger exists)

Outcome
Provide additional comment where appropriate on attached numbered sheets.
C1, C2, C3 and FI coded items to be recorded in Section F of the report.

NICEIC APPROVED CONTRACTOR

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SCHEDULES

Original (To the person ordering the work)

CIRCUIT DETAILS / TEST RESULTS

Circuit number	Circuit designation * To be completed only where this consumer unit is remote from the origin of the installation. Record details of the circuit supplying this consumer unit in the bold box	Type of wiring (see code below)	Reference Method (see Appendix 4 of BS 7671)	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)	Circuit impedances (Ω): Ring final circuits only (measured end to end) r_1 (Line)	r_n (Neutral)	r_2 (cpc)	All circuits (At least one column to be completed) $R_1 + R_2$	R_2	Insulation resistance: Line/Line (MΩ)	Line/Neutral (MΩ)	Line/Earth (MΩ)	Neutral/Earth (MΩ)	Polarity (✓)	Maximum measured earth fault loop impedance, Z_S (Ω)	RCD operating times: at $I_{\Delta n}$ (ms)	at $5I_{\Delta n}$ (if applicable) (ms)	Test button operation (✓)
1	Lights stairwell and emergencies	A	C	24	1.0	1.0	0.4	60898 MCB	C	6	6	N/A	3.64	N/A	N/A	N/A	1.22	N/A	N/A	>200	>200	>200	✔	1.49	N/A	N/A	
2	Bell transformer below DB	A	C	1	1.0	1.0	0.4	60898 MCB	C	6	6	N/A	3.64	N/A	N/A	N/A	0.17	N/A	N/A	>200	>200	>200	✔	0.44	N/A	N/A	
3	Spare																										
4	Spare																										
5	Spare																										
6	Unable to locate	A	C	LIM	2.5	1.5	0.4	60898 MCB	B	16	6	30	2.73	N/A	N/A	N/A	LIM	N/A	N/A	LIM	LIM	LIM		LIM	21.0	18.4	✔
7	Unable to locate	A	C	LIM	2.5	1.5	0.4	60898 MCB	B	16	6	30	2.73	N/A	N/A	N/A	LIM	N/A	N/A	LIM	LIM	LIM		LIM	21.0	18.4	✔
8	Sockets stairwell 1st,2nd,3rd and 4th floor	A	C	8	2.5	1.5	0.4	60898 MCB	B	16	6	30	2.73	N/A	N/A	N/A	0.30	N/A	N/A	>200	>200	>200	✔	0.57	21.0	18.4	✔
9	Spare																										
10	Spare																										

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

Location of consumer unit: In store cupboard on fourth floor.

Designation of consumer unit: Main DB

Prospective fault current at consumer unit: 0.89 kA

TEST INSTRUMENTS

Test instruments (serial numbers) used

Multi-functional: 1589042

Insulation resistance: N/A

Continuity: N/A

Earth electrode resistance: N/A

Earth fault loop impedance: N/A

RCD: N/A

APPROVED CONTRACTOR

Contractor's Reference Number

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DOMESTIC ELECTRICAL INSTALLATION CONDITION REPORT (FOR A SINGLE DWELLING)

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

A. DETAILS OF THE CLIENT

Client: Grwp Gwalia Cyf

Address: Ty Gwalia
7-13 The Kingsway
Swansea
West Glamorgan

Postcode: SA1 5JN

B. PURPOSE OF THE REPORT

Purpose for which this report is required: Periodic inspection & Test only.

Date(s) on which inspection and testing were carried out: 17th December 2018

C. DETAILS OF THE INSTALLATION

Occupier: Communal and rooms

Address: Block D First Floor
Ty Beck House,
Sketty Road,
Uplands,
Swansea,

Postcode: SA2 0NH

Estimated age of the electrical installation: 25 years

Evidence of alterations or additions: ✔ If yes, estimated age: 5 years

Date of previous inspection: N/A

Electrical Installation Certificate No or previous Periodic Inspection or Condition Report No: N/A

Records of installation available: No

Records held by: N/A

D. EXTENT OF THE INSTALLATION AND LIMITATIONS ON THE INSPECTION AND TESTING

Extent of the electrical installation covered by this report:

Main DB and associated circuits only.

Agreed limitations (including the reasons), if any, on the inspection and testing:

Audio circuits,
Heating control circuits,
Telecommunication circuits,
Attic voids

Agreed with: Client

Operational limitations including the reasons (see page No. N/A)

None.

The inspection and testing have been carried out in accordance with BS 7671, as amended. Cables concealed within trunking and conduits, or cables and conduits concealed under floors, in inaccessible roof spaces and generally within the fabric of the building or underground, have not been visually inspected unless specifically agreed between the client and inspector prior to the inspection.

E. SUMMARY OF THE CONDITION OF THE INSTALLATION

General condition of the installation (in terms of electrical safety):

All in working order.

Summary of the condition of the installation continued on additional pages? No ✔ Yes Specify page

Overall assessment of the installation: SATISFACTORY / ~~UNSATISFACTORY~~

* **An 'Unsatisfactory' assessment indicates that dangerous (CODE C1) and/or potentially dangerous (CODE C2) conditions have been identified, or that Further investigation without delay (FI) is required**

Please see the 'Notes for Recipients'

NICEIC APPROVED CONTRACTOR

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DOMESTIC ELECTRICAL INSTALLATION CONDITION REPORT (FOR A SINGLE DWELLING)

Original (To the person ordering the work)

F. OBSERVATIONS AND RECOMMENDATIONS FOR ACTIONS TO BE TAKEN

Referring to the attached schedules of inspection and test results, and subject to the limitations at D:

There are no items adversely affecting electrical safety N/A **or** The following observations and recommendations for action are made ✔

Item No	Observations	Code †
1	Main DB - For inspections carried out after 1 January 2016 - Presence of a consumer unit or similar switchgear made from combustible material (e.g. plastic) that is not inside a non-combustible enclosure and which is Located under wooden staircase	C3
2	Circuit 1 - Absence of RCD protection for cables installed at a depth of less than 50 mm from a surface of a wall or partition where the cables do not incorporate an earthed metallic covering, are not enclosed in earthed metalwork, or are not mechanically protected against penetration by nails and the like.	C3
3	Circuit 2 - Absence of RCD protection for cables installed at a depth of less than 50 mm from a surface of a wall or partition where the cables do not incorporate an earthed metallic covering, are not enclosed in earthed metalwork, or are not mechanically protected against penetration by nails and the like.	C3
4	Circuit 3 - Absence of RCD protection for cables installed at a depth of less than 50 mm from a surface of a wall or partition where the cables do not incorporate an earthed metallic covering, are not enclosed in earthed metalwork, or are not mechanically protected against penetration by nails and the like.	C3
5	Circuit 4 - Absence of RCD protection for cables installed at a depth of less than 50 mm from a surface of a wall or partition where the cables do not incorporate an earthed metallic covering, are not enclosed in earthed metalwork, or are not mechanically protected against penetration by nails and the like.	C3
6	Circuit 5 - Absence of RCD protection for cables installed at a depth of less than 50 mm from a surface of a wall or partition where the cables do not incorporate an earthed metallic covering, are not enclosed in earthed metalwork, or are not mechanically protected against penetration by nails and the like.	C3

Additional Pages? No ☐ Yes ✔ Specify page 8

†One of the following codes, as appropriate, has been allocated to each of the observations made above to indicate to the person(s) responsible for the installation the degree of urgency for remedial action:

Code C1 ***"Danger Present"*** Risk of injury. Immediate remedial action required.
Code C2 ***"Potentially dangerous"*** Urgent remedial action required.
Code C3 ***"Improvement recommended".***
Code FI ***"Further investigation required without delay".***

Please see the 'Guidance for Recipients' regarding the Classification codes.

Immediate remedial action required for items:

Urgent remedial action required for items:

Further investigation required without delay for items:

Improvement recommended for items: 3, 4, 5, 6, 7, 8, 1, 2

G. DECLARATION

I/We, being the person(s) responsible for the inspection and testing of the electrical installation (as indicated by my/our signatures below), particulars of which are described on page 1 (see C), having exercised reasonable skill and care when carrying out the inspection and testing, hereby declare that the information in this report, including the observations (see F) and the attached schedules (see H), provides an accurate assessment of the condition of the electrical installation taking into account the stated extent of the installation and the limitations on the inspection and testing (see D).

I/We further declare that in my/our judgement, the overall assessment of the installation in terms of its suitability for continued use is SATISFACTORY / ~~UNSATISFACTORY~~

(see F) at the time the inspection was carried out, and that it should be further inspected as recommended (see I).

*** An 'Unsatisfactory' assessment indicates that dangerous (CODE C1) and/or potentially dangerous (CODE C2) conditions have been identified, or that Further investigation without delay (FI) is required**

INSPECTION, TESTING AND ASSESSMENT BY:

Signature [signature]

Name (CAPITALS) DEAN HOBDAY

Position Electrician

Date: 17/12/2018

REPORT REVIEWED AND CONFIRMED BY:

Signature [signature]

Name (CAPITALS) RICHARD DAVIES

(Registered Qualified Supervisor for the Approved Contractor at J)

Date: 17/12/2018

H. SCHEDULES AND ADDITIONAL PAGES

Schedule of Inspection: Page(s) No 4,5,6

Additional pages, including data sheets for additional source(s) : Page No(s)

Schedule of Test Results for the Installation: Page No(s) 7

Schedule of Circuit Details for the Installation: Page No(s) 7

The pages identified are an essential part of this report. The report is valid only if accompanied by all the schedules and additional pages identified above.

NICEIC APPROVED CONTRACTOR

This certificate is not valid if the serial number has been defaced or altered DPN6/0869461

DOMESTIC ELECTRICAL INSTALLATION CONDITION REPORT (FOR A SINGLE DWELLING)

Original (To the person ordering the work)

I. NEXT INSPECTION

I/We recommend that this installation is further inspected and tested after an interval of not more than

5 Years

(Enter interval in terms of years, months or weeks, as appropriate)

provided that any items at F which have been attributed a Classification code C1 (danger present) are remedied immediately and that any items which have been attributed a code C2 (potentially dangerous) or FI (further investigation required without delay) are remedied or investigated respectively as a matter of urgency. Items which have been attributed a Classification code C3 should be improved as soon as practicable (see F).

J. DETAILS OF NICEIC APPROVED CONTRACTOR

Trading Title: A & R Electrical Wales Ltd

Address: 15 Alder Road
Cimla
Neath
Glam

Postcode: SA11 3NY

Telephone number: 01639 775810

Email Address: office@aandrelectrical.co.uk

Enrolment number: 040640
(Essential information)

Branch number: 001
(if applicable)

K. SUPPLY CHARACTERISTICS AND EARTHING ARRANGEMENTS

System Type(s)

TN-S	
TN-C-S	✔
TT	

Number and Type of Live Conductors

a.c.	✔		
1-phase (2 wire)		1-phase (3 wire)	✔
2-phase (3 wire)			
3-phase (3 wire)		3-phase (4 wire)	

Other (please state)

Nature of Supply Parameters

Nominal Voltage(s): $U^{(1)}$	N/A V	U_0 (1)	230 V
Nominal frequency, $f^{(1)}$	50 Hz	Number of sources	1
Prospective fault current, I_{pf} (2)(3)	0.92 kA		
External earth fault loop impendance, Z_e (3)(4)	0.26 Ω		

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

Characteristics of Primary Supply Overcurrent Protective Device(s)

BS(EN) BS 1361 Fuse HBC Domestic Type

Type 2

Rated current 100 A

Short-circuit capacity 16.5 kA

Confirmation of supply polarity ✔ (✔)

L. PARTICULARS OF INSTALLATION AT THE ORIGIN

Means of Earthing

Distributor's facility: ✔

Installation earth electrode:

Details of Installation Earth Electrode (where applicable)

Type: (eg rod(s),tape etc) N/A

Electrode resistance, R_A: N/A (Ω)

Location: N/A

Method of measurement: N/A

Main Switch/Switch-Fuse/Circuit-Breaker/RCD

Type: BS(EN)	BS EN 60947-	Voltage rating	230 V
No of Poles	2	Rated current, I_n	100 A
Primary supply conductors (material)	Copper	RCD operating current, $I_{\Delta n}$*	N/A mA
Primary supply conductors (csa)	16.0 mm²	Rated time delay*	N/A ms
		RCD operating time (at $I_{\Delta n}$)*	N/A ms

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

Earthing conductor

Conductor material	Copper
Conductor csa	10.0 mm²
Connection/ continuity verified	✔ (✔)

Earthing and protective bonding conductors

Main protective bonding conductors

Conductor material	Copper
Conductor csa	10.0 mm²
Connection/ continuity verified	✔ (✔)

Bonding of extraneous-conductive-parts (✔)

Water service	✔	Gas Service	✔
Oil service		Structural steel	
Lightning protection			
Other (Specify)			

NICEIC APPROVED CONTRACTOR

DOMESTIC ELECTRICAL INSTALLATION CONDITION REPORT (FOR A SINGLE DWELLING)

Original (To the person ordering the work)

SCHEDULE OF INSPECTIONS

Item	Description	Outcome*	Location reference
1.0	**Condition/adequacy of distributor's/supply intake equipment†**		
1.1	Service cable	✔	
1.2	Service head	✔	
1.3	Distributor's earthing arrangement	✔	
1.4	Meter tails - Distributor/Consumer	✔	
1.5	Metering equipment	✔	
1.6	Means of main isolation (where present)	✔	
2.0	**Presence of adequate arrangements for other sources (microgenerators etc)**		
2.1	Adequate arrangements where a generating set operates as a switched alternative to the public supply	N/A	
2.2	Adequate arrangements where a generating set operates in parallel with the public supply	N/A	
3.0	**Earthing and bonding arrangements**		
3.1	Presence and condition of distributor's earthing arrangement	✔	
3.2	Presence and condition of earth electrode connection	N/A	
3.3	Confirmation of adequate earthing conductor size	✔	
3.4	Accessibility and condition of earthing conductor at Main Earthing Terminal (MET)	✔	
3.5	Confirmation of adequate main protective bonding conductor sizes	✔	
3.6	Accessibility and condition of main protective bonding conductor connections	✔	
3.7	Accessibility and condition of other protective bonding connections	✔	
3.8	Provision of earthing and bonding labels at all appropriate locations	✔	

Item	Description	Outcome*	Location reference
4.0	**Consumer unit(s)**		
4.1	Adequacy of working space or access to consumer unit	✔	
4.2	Security of fixing	✔	
4.3	Condition of enclosure(s) in terms of IP rating	✔	
4.4	Condition of enclosure(s) in terms of fire rating	C3	
4.5	Enclosure not damaged/deteriorated so as to impair safety	✔	
4.6	Presence of linked main switch	✔	
4.7	Operation of main switch (functional check)	✔	
4.8	Operation of circuit-breakers and RCDs to prove disconnection (functional check)	✔	
4.9	Correct identification of circuits and protective devices	✔	
4.10	Presence of RCD test notice at or near consumer unit	✔	
4.11	Presence of non-standard (mixed) cable colour warning notice at or near consumer unit	✔	
4.12	Presence of alternative or additional supply warning notice at or near consumer unit	N/A	
4.13	Presence of replacement next inspection recommendation label	✔	
4.14	Presence of other required labelling (please specify)	N/A	
4.15	Examination of protective device(s) and base(s); correct type and rating (no signs of unacceptable thermal damage, arcing or overheating)	✔	
4.16	Single-pole switching or protective devices in the line conductors only	✔	
4.17	Protection against mechanical damage where cables enter consumer unit	✔	
4.18	Protection against electromagnetic effects where cables enter metallic consumer unit/enclosure	N/A	
4.19	RCDs provided for fault protection - includes RCBOs	✔	

* ***All Outcome boxes must be completed***
'✔' indicates Acceptable condition
'LIM' indicates a Limitation
'N/A' indicates Not applicable
Unacceptable condition state C1 or C2
Improvement recommended state C3
Further investigation required without delay state FI (to determine whether danger or potential danger exists)

† Where inadequacies in distributor's equipment are encountered, it is recommended that the person ordering the report informs the appropriate authority.

Outcome
Provide additional comment where appropriate on attached numbered sheets. C1, C2, C3 and FI coded items to be recorded in Section F of the report.

DOMESTIC ELECTRICAL INSTALLATION CONDITION REPORT (FOR A SINGLE DWELLING)

Original (To the person ordering the work)

SCHEDULE OF INSPECTIONS

Item	Description	Outcome*	Location reference
4.20	RCDs provided for additional protection - includes RCBOs	✔	
4.21	Confirmation of indication that SPD is functional	N/A	
4.22	Confirmation that ALL conductor connections, including connections to busbars are correctly located in terminals and are tight and secure	✔	
5.0	**Distribution/final circuits**		
5.1	Identification of conductors	✔	
5.2	Cables correctly supported throughout their length	LIM	
5.3	Condition of insulation of live parts	✔	
5.4	Non-sheathed cables protected by enclosure in conduit, ducting or trunking (including confirmation of the integrity of conduit and trunking systems)	N/A	
5.5	Adequacy of cables for current-carrying capacity with regard to the type and nature of installation	✔	
5.6	Adequacy of protective devices; type and rated current for fault protection	✔	
5.7	Presence and adequacy of circuit protective conductors	✔	
5.8	Co-ordination between conductors and overload protective devices	✔	
5.9	Wiring system(s) appropriate for the type and nature of the installation and external influences	✔	
5.10	Cables installed under floors, above ceilings, in walls / partitions, adequately protected against damage		
	· installed in prescribed zones (see Section D. Extent and limitations)	N/A	
	· incorporating earthed armour or sheath, or installed within earthed wiring system, or otherwise protected against mechanical damage by nails, screws and the	N/A	

Item	Description	Outcome*	Location reference
5.11	Provision of additional protection by RCD not exceeding 30 mA		
	· ‡ for all socket-outlets of rating 20 A or less	✔	
	· ‡ for mobile equipment not exceeding a rating of 32A for use outdoors	✔	
	· ‡ for cables installed in walls or partitions at a depth o less than 50 mm	C3	
	· ‡ for cables installed in walls / partitions containing metal parts regardless of depth	C3	
5.12	Provision of fire barriers, sealing arrangements and protection against thermal effects	LIM	
5.13	Band II cables segregated/separated from Band I cables	LIM	
5.14	Cables segregated/separated from communications cabling	LIM	
5.15	Cables segregated/separated from non-electrical services	LIM	
5.16	Termination of cables at enclosures (extent of sampling indicated in Section D of the report)		
	· Connections soundly made and under no undue strain	✔	
	· No basic insulation of a conductor visible outside enclosures	✔	
	· Connections of live conductors adequately enclosed	✔	
	· Adequately connected at point of entry to enclosure (glands, bushes etc.)	✔	
5.17	Condition of accessories including socket-outlets, switches and joint boxes	✔	
5.18	Suitability of accessories for external influences	✔	
5.19	Adequacy of working space / accessibility to equipment	✔	
5.20	Single-pole devices for switching or protection in line conductors only	✔	
6.0	**Isolation and switching (isolation, switching off for mechanical maintenance and functional switching)**		

† *Notes on inspections designed prior to BS 7671:2008 may not have been provided with RCDs for additional protection*

* ***All Outcome boxes must be completed***
'✔' indicates Acceptable condition
'LIM' indicates a Limitation
'N/A' indicates Not applicable
Unacceptable condition state C1 or C2
Improvement recommended state C3
Further investigation required without delay state FI (to determine whether danger or potential danger exists)

Provide additional comment where appropriate on attached numbered sheets.
C1, C2, C3 and FI coded items to be recorded in Section F of the report.

DOMESTIC ELECTRICAL INSTALLATION CONDITION REPORT (FOR A SINGLE DWELLING)

Original (To the person ordering the work)

SCHEDULE OF INSPECTIONS

Item	Description	Outcome*	Location reference
6.1	In general		
	- presence and condition of appropriate devices	✔	
	- correct operation verified	✔	
6.2	For isolation and switching for mechanical maintenance only		
	- capable of being secured in the OFF position where appropriate	N/A	
	- acceptable location - state if local or remote from equipment being controlled where appropriate	N/A	
	- clearly identified by position and/or durable marking(s)	N/A	
6.3	For isolation only		
	- warning label(s) posted in situations where live parts cannot be isolated by the operation of a single device	N/A	
7.0	**Current-using equipment (Permanently connected)**		
7.1	Condition of equipment in terms of IP rating	✔	
7.2	Equipment does not constitute a fire hazard	✔	
7.3	Enclosure not damaged/deteriorated so as to impair safety	✔	
7.4	Suitability for the environment and external influences	✔	
7.5	Security of fixing	✔	
7.6	Cable entry holes in ceiling above luminaires, sized or sealed so as to restrict the spread of fire List number and location of luminaires inspected. (Separate page)	LIM	
7.7	Recessed luminaires (downlighters)		
	- correct type of lamps fitted	N/A	
	- installed to minimise build-up of heat by use of 'fire rated' fittings, insulation displacement box or similar	N/A	
	- no signs of overheating to surrounding building fabric	✔	
	- no signs of overheating to conductors/terminations	✔	
8.0	**Location(s) containing a bath or shower**		
8.1	Additional protection by RCD not exceeding 30 mA		
	- for low voltage circuits serving the location	C3	
	- for low voltage circuits passing through Zone 1 and Zone 2 not serving the location	C3	
8.2	Where used as a protective measure, requirements for SELV or PELV are met	N/A	
8.3	Shaver sockets comply with BS EN 61558-2-5 formerly BS 3535	N/A	
8.4	Presence of supplementary bonding conductors unless not required by BS 7671: 2008	✔	
8.5	Low voltage (e.g. 230 volts) socket-outlets sited at least 3 m from zone 1	N/A	
8.6	Suitability of equipment for external influences for installed location in terms of IP rating	✔	
8.7	Suitability of equipment for installation in a particular zone	✔	
9.0	**Other special installations or locations - Part 7s**		
9.1	List all other special installations or locations present, if any. (Record the results of particular inspection applied separately).	N/A	

* ***All Outcome boxes must be completed***
'✔' indicates Acceptable condition
'LIM' indicates a Limitation
'N/A' indicates Not applicable
Unacceptable condition state C1 or C2
Improvement recommended state C3
Further investigation required without delay state FI (to determine whether danger or potential danger exists)

Outcome
Provide additional comment where appropriate on attached numbered sheets.
C1, C2, C3 and FI coded items to be recorded in Section F of the report.

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SCHEDULES

Original (To the person ordering the work)

CIRCUIT DETAILS

TEST RESULTS

Circuit number	Circuit designation * To be completed only where this consumer unit is remote from the origin of the installation. Record details of the circuit supplying this consumer unit in the bold box	Type of wiring (see code below)	Reference Method (see Appendix 4 of BS 7671)	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)	Circuit impedances (Ω) Ring final circuits only (measured end to end) r_1 (Line)	r_n (Neutral)	r_2 (cpc)	All circuits (At least one column to be completed) $R_1 + R_2$	R_2	Insulation resistance Line/Line (MΩ)	Line/Neutral (MΩ)	Line/Earth (MΩ)	Neutral/Earth (MΩ)	Polarity (✓)	Maximum measured earth fault loop impedance, Z_s (Ω)	RCD operating times at $I_{\Delta n}$ (ms)	at $5I_{\Delta n}$ (if applicable) (ms)	Test button operation (✓)
1	Cooker	A	C	1	6.0	2.5	0.4	60898 MCB	B	32	6	N/A	1.37	N/A	N/A	N/A	0.09	N/A	N/A	> 200	> 200	> 200	✔	0.35	N/A	N/A	
2	Cooker	A	C	1	6.0	2.5	0.4	60898 MCB	B	32	6	N/A	1.37	N/A	N/A	N/A	0.08	N/A	N/A	> 200	> 200	> 200	✔	0.34	N/A	N/A	
3	Boiler	A	C	1	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73	N/A	N/A	N/A	0.24	N/A	N/A	> 200	> 200	> 200	✔	0.50	N/A	N/A	
4	Lights kitchen and laundry room	A	C	4	1.0	1.0	0.4	60898 MCB	B	6	6	N/A	7.28	N/A	N/A	N/A	0.62	N/A	N/A	> 200	> 200	> 200	✔	0.88	N/A	N/A	
5	Lights 1.1,1.2,1.3 and outside 1.1	A	C	14	1.0	1.0	0.4	60898 MCB	B	6	6	N/A	7.28	N/A	N/A	N/A	1.75	N/A	N/A	> 200	> 200	> 200	✔	2.01	N/A	N/A	
6	Lights 1.4,1.5,1.6,1.7	A	C	16	1.0	1.0	0.4	60898 MCB	B	6	6	N/A	7.28	N/A	N/A	N/A	1.29	N/A	N/A	> 200	> 200	> 200	✔	1.55	N/A	N/A	
7	Emergency lights and hallway	A	C	9	1.0	1.0	0.4	60898 MCB	B	6	6	N/A	7.28	N/A	N/A	N/A	0.83	N/A	N/A	> 200	> 200	> 200	✔	1.09	N/A	N/A	
8	Spare																										
9	Sockets rooms 1.1,1.2,1.3	A	C	21	2.5	1.5	0.4	60898 MCB	B	32	6	30	1.37	0.44	0.42	0.64	0.15	N/A	N/A	> 200	> 200	> 200	✔	0.41	10.0	8.4	✔
10	Sockets in hallway	A	C	8	2.5	1.5	0.4	60898 MCB	B	32	6	30	1.37	0.38	0.37	0.57	0.22	N/A	N/A	> 200	> 200	> 200	✔	0.48	10.0	8.4	✔
11	Sockets kitchen and laundry	A	C	18	2.5	1.5	0.4	60898 MCB	B	32	6	30	1.37	0.22	0.21	0.31	0.12	N/A	N/A	> 200	> 200	> 200	✔	0.38	10.0	8.4	✔
12	Sockets rooms 1.4,1.5,1.6,1.7 and door release	A	C	25	2.5	1.5	0.4	60898 MCB	B	32	6	30	1.37	0.50	0.52	0.76	0.30	N/A	N/A	> 200	> 200	> 200	✔	0.56	10.0	8.4	✔

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

Location of consumer unit: By front door.

Designation of consumer unit: Main DB

Prospective fault current at consumer unit: 0.92 kA

TEST INSTRUMENTS

Test instruments (serial numbers) used

Multi-functional: 1589042

Insulation resistance: N/A

Continuity: N/A

Earth electrode resistance: N/A

Earth fault loop impedance: N/A

RCD: N/A

APPROVED CONTRACTOR

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F. OBSERVATIONS AND RECOMMENDATIONS FOR ACTIONS TO BE TAKEN

Referring to the attached schedules of inspection and test results, and subject to the limitations at D:

There are no items adversely affecting electrical safety N/A **or** The following observations and recommendations for are made ✔

Item No		Code †
7	Circuit 6 - Absence of RCD protection for cables installed at a depth of less than 50 mm from a surface of a wall or partition where the cables do not incorporate an earthed metallic covering, are not enclosed in earthed metalwork, or are not mechanically protected against penetration by nails and the like.	C3
8	Circuit 7 - Absence of RCD protection for cables installed at a depth of less than 50 mm from a surface of a wall or partition where the cables do not incorporate an earthed metallic covering, are not enclosed in earthed metalwork, or are not mechanically protected against penetration by nails and the like.	C3

Additional Pages? No ✔ Yes Specify page

†One of the following codes, as appropriate, has been allocated to each of the observations made above to indicate to the person(s) responsible for the installation the degree of urgency for remedial action:

Code C1 ***"Danger Present"*** Risk of injury. Immediate remedial action required.

Code C2 ***"Potentially dangerous"*** Urgent remedial action required.

Code C3 ***"Improvement recommended".***

Code FI ***"Further investigation required without delay".***

Please see the notes for recipient for guidance regarding the Classification codes.

Immediate remedial action required for items:

Urgent remedial action required for items:

Further investigation required for items:

Improvement recommended for items: 3, 4, 5, 6, 7, 8, 1, 2

APPROVED CONTRACTOR

Contractor's Reference Number

This certificate is not valid if the serial number has been defaced or altered DPN6/0869460

Original (To the person ordering the work)

DOMESTIC ELECTRICAL INSTALLATION CONDITION REPORT (FOR A SINGLE DWELLING)

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

A. DETAILS OF THE CLIENT

Client: Grwp Gwalia Cyf

Address: Ty Gwalia
7-13 The Kingsway
Swansea
West Glamorgan

Postcode: SA1 5JN

B. PURPOSE OF THE REPORT

Purpose for which this report is required: Periodic inspection & Test only.

Date(s) on which inspection and testing were carried out: 18th December 2018

C. DETAILS OF THE INSTALLATION

Occupier: Communal and rooms

Address: Block D Second Floor
Ty Beck House,
Sketty Road,
Uplands,
Swansea,

Postcode: SA2 0NH

Estimated age of the electrical installation: 25 years

Evidence of alterations or additions: ✔

If yes, estimated age: 5 years

Date of previous inspection: N/A

Electrical Installation Certificate No or previous Periodic Inspection or Condition Report No: N/A

Records of installation available: No

Records held by: N/A

D. EXTENT OF THE INSTALLATION AND LIMITATIONS ON THE INSPECTION AND TESTING

Extent of the electrical installation covered by this report:

Main DB and associated circuits only.

Agreed limitations (including the reasons), if any, on the inspection and testing:

Audio circuits,
Heating control circuits,
Telecommunication circuits,
Attic voids

Agreed with: Client

Operational limitations including the reasons (see page No. N/A)

None.

The inspection and testing have been carried out in accordance with BS 7671, as amended. Cables concealed within trunking and conduits, or cables and conduits concealed under floors, in inaccessible roof spaces and generally within the fabric of the building or underground, have not been visually inspected unless specifically agreed between the client and inspector prior to the inspection.

E. SUMMARY OF THE CONDITION OF THE INSTALLATION

General condition of the installation (in terms of electrical safety):

All in working order.

Summary of the condition of the installation continued on additional pages? No ✔ Yes Specify page

Overall assessment of the installation: SATISFACTORY / ~~UNSATISFACTORY~~

* **An 'Unsatisfactory' assessment indicates that dangerous (CODE C1) and/or potentially dangerous (CODE C2) conditions have been identified, or that Further investigation without delay (FI) is required**

Please see the 'Notes for Recipients'

NICEIC APPROVED CONTRACTOR

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DOMESTIC ELECTRICAL INSTALLATION CONDITION REPORT (FOR A SINGLE DWELLING)

Original (To the person ordering the work)

F. OBSERVATIONS AND RECOMMENDATIONS FOR ACTIONS TO BE TAKEN

Referring to the attached schedules of inspection and test results, and subject to the limitations at D:

There are no items adversely affecting electrical safety N/A **or** The following observations and recommendations for action are made ✔

Item No	Observations	Code †
1	Main DB - For inspections carried out after 1 January 2016 - Presence of a consumer unit or similar switchgear made from combustible material (e.g. plastic) that is not inside a non-combustible enclosure and which is Located under wooden staircase	C3
2	Circuit 1 - Absence of RCD protection for cables installed at a depth of less than 50 mm from a surface of a wall or partition where the cables do not incorporate an earthed metallic covering, are not enclosed in earthed metalwork, or are not mechanically protected against penetration by nails and the like.	C3
3	Circuit 2 - Absence of RCD protection for cables installed at a depth of less than 50 mm from a surface of a wall or partition where the cables do not incorporate an earthed metallic covering, are not enclosed in earthed metalwork, or are not mechanically protected against penetration by nails and the like.	C3
4	Circuit 3 - Absence of RCD protection for cables installed at a depth of less than 50 mm from a surface of a wall or partition where the cables do not incorporate an earthed metallic covering, are not enclosed in earthed metalwork, or are not mechanically protected against penetration by nails and the like.	C3
5	Circuit 4 - Absence of RCD protection for cables installed at a depth of less than 50 mm from a surface of a wall or partition where the cables do not incorporate an earthed metallic covering, are not enclosed in earthed metalwork, or are not mechanically protected against penetration by nails and the like.	C3
6	Circuit 5 - Absence of RCD protection for cables installed at a depth of less than 50 mm from a surface of a wall or partition where the cables do not incorporate an earthed metallic covering, are not enclosed in earthed metalwork, or are not mechanically protected against penetration by nails and the like.	C3

Additional Pages? No ☐ Yes ✔ Specify page 8

†One of the following codes, as appropriate, has been allocated to each of the observations made above to indicate to the person(s) responsible for the installation the degree of urgency for remedial action:

Code C1 ***"Danger Present"*** Risk of injury. Immediate remedial action required.
Code C2 ***"Potentially dangerous"*** Urgent remedial action required.
Code C3 ***"Improvement recommended".***
Code FI ***"Further investigation required without delay".***

Please see the 'Guidance for Recipients' regarding the Classification codes.

Immediate remedial action required for items:

Urgent remedial action required for items:

Further investigation required without delay for items:

Improvement recommended for items: 3, 4, 5, 6, 7, 8, 1, 2, 9, 10

G. DECLARATION

I/We, being the person(s) responsible for the inspection and testing of the electrical installation (as indicated by my/our signatures below), particulars of which are described on page 1 (see C), having exercised reasonable skill and care when carrying out the inspection and testing, hereby declare that the information in this report, including the observations (see F) and the attached schedules (see H), provides an accurate assessment of the condition of the electrical installation taking into account the stated extent of the installation and the limitations on the inspection and testing (see D).

I/We further declare that in my/our judgement, the overall assessment of the installation in terms of its suitability for continued use is SATISFACTORY / ~~UNSATISFACTORY~~

(see F) at the time the inspection was carried out, and that it should be further inspected as recommended (see I).

*** An 'Unsatisfactory' assessment indicates that dangerous (CODE C1) and/or potentially dangerous (CODE C2) conditions have been identified, or that Further investigation without delay (FI) is required**

INSPECTION, TESTING AND ASSESSMENT BY:

Signature [signature]

Name (CAPITALS) DEAN HOBDAY

Position Electrician

Date: 18/12/2018

REPORT REVIEWED AND CONFIRMED BY:

Signature [signature]

Name (CAPITALS) RICHARD DAVIES

(Registered Qualified Supervisor for the Approved Contractor at J)

Date: 18/12/2018

H. SCHEDULES AND ADDITIONAL PAGES

Schedule of Inspection: Page(s) No 4,5,6

Additional pages, including data sheets for additional source(s) : Page No(s)

Schedule of Test Results for the Installation: Page No(s) 7

Schedule of Circuit Details for the Installation: Page No(s) 7

The pages identified are an essential part of this report. The report is valid only if accompanied by all the schedules and additional pages identified above.

NICEIC APPROVED CONTRACTOR

This certificate is not valid if the serial number has been defaced or altered DPN6/0869460

DOMESTIC ELECTRICAL INSTALLATION CONDITION REPORT (FOR A SINGLE DWELLING)

Original (To the person ordering the work)

I. NEXT INSPECTION

I/We recommend that this installation is further inspected and tested after an interval of not more than

5 Years

(Enter interval in terms of years, months or weeks, as appropriate)

provided that any items at F which have been attributed a Classification code C1 (danger present) are remedied immediately and that any items which have been attributed a code C2 (potentially dangerous) or FI (further investigation required without delay) are remedied or investigated respectively as a matter of urgency. Items which have been attributed a Classification code C3 should be improved as soon as practicable (see F).

J. DETAILS OF NICEIC APPROVED CONTRACTOR

Trading Title: A & R Electrical Wales Ltd

Address: 15 Alder Road
Cimla
Neath
Glam

Postcode: SA11 3NY

Telephone number: 01639 775810

Email Address: office@aandrelectrical.co.uk

Enrolment number: 040640
(Essential information)

Branch number: 001
(if applicable)

K. SUPPLY CHARACTERISTICS AND EARTHING ARRANGEMENTS

System Type(s)

TN-S	
TN-C-S	✔
TT	

Number and Type of Live Conductors

a.c.	✔		
1-phase (2 wire)		1-phase (3 wire)	✔
2-phase (3 wire)			
3-phase (3 wire)		3-phase (4 wire)	

Other (please state)

Nature of Supply Parameters

Nominal Voltage(s): $U^{(1)}$	N/A V	U_0 (1)	230 V
Nominal frequency, $f^{(1)}$	50 Hz	Number of sources	1
Prospective fault current, I_{pf} (2)(3)	0.89 kA		
External earth fault loop impendance, Z_e (3)(4)	0.27 Ω		

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

Characteristics of Primary Supply Overcurrent Protective Device(s)

BS(EN)	BS 1361 Fuse HBC Domestic Type
Type	2
Rated current	100 A
Short-circuit capacity	16.5 kA
Confirmation of supply polarity	✔ (✔)

L. PARTICULARS OF INSTALLATION AT THE ORIGIN

Means of Earthing

Distributor's facility:	✔
Installation earth electrode:	

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/Switch-Fuse/Circuit-Breaker/RCD

Type: BS(EN)	BS EN 60947-	Voltage rating	230 V
No of Poles	2	Rated current, I_n	100 A
Primary supply conductors (material)	Copper	RCD operating current, $I_{\Delta n}$*	N/A mA
Primary supply conductors (csa)	16.0 mm^2	Rated time delay*	N/A ms
		RCD operating time (at $I_{\Delta n}$)*	N/A ms

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

Earthing conductor

Conductor material	Copper
Conductor csa	10.0 mm^2
Connection/ continuity verified	✔ (✔)

Earthing and protective bonding conductors

Main protective bonding conductors

Conductor material	Copper
Conductor csa	10.0 mm^2
Connection/ continuity verified	✔ (✔)

Bonding of extraneous-conductive-parts (✔)

Water service	✔	Gas Service	✔
Oil service		Structural steel	
Lightning protection			
Other (Specify)			

NICEIC APPROVED CONTRACTOR

DOMESTIC ELECTRICAL INSTALLATION CONDITION REPORT (FOR A SINGLE DWELLING)

Original (To the person ordering the work)

SCHEDULE OF INSPECTIONS

Item	Description	Outcome*	Location reference
1.0	**Condition/adequacy of distributor's/supply intake equipment†**		
1.1	Service cable	✔	
1.2	Service head	✔	
1.3	Distributor's earthing arrangement	✔	
1.4	Meter tails - Distributor/Consumer	✔	
1.5	Metering equipment	✔	
1.6	Means of main isolation (where present)	✔	
2.0	**Presence of adequate arrangements for other sources (microgenerators etc)**		
2.1	Adequate arrangements where a generating set operates as a switched alternative to the public supply	N/A	
2.2	Adequate arrangements where a generating set operates in parallel with the public supply	N/A	
3.0	**Earthing and bonding arrangements**		
3.1	Presence and condition of distributor's earthing arrangement	✔	
3.2	Presence and condition of earth electrode connection	N/A	
3.3	Confirmation of adequate earthing conductor size	✔	
3.4	Accessibility and condition of earthing conductor at Main Earthing Terminal (MET)	✔	
3.5	Confirmation of adequate main protective bonding conductor sizes	✔	
3.6	Accessibility and condition of main protective bonding conductor connections	✔	
3.7	Accessibility and condition of other protective bonding connections	✔	
3.8	Provision of earthing and bonding labels at all appropriate locations	✔	

Item	Description	Outcome*	Location reference
4.0	**Consumer unit(s)**		
4.1	Adequacy of working space or access to consumer unit	✔	
4.2	Security of fixing	✔	
4.3	Condition of enclosure(s) in terms of IP rating	✔	
4.4	Condition of enclosure(s) in terms of fire rating	C3	
4.5	Enclosure not damaged/deteriorated so as to impair safety	✔	
4.6	Presence of linked main switch	✔	
4.7	Operation of main switch (functional check)	✔	
4.8	Operation of circuit-breakers and RCDs to prove disconnection (functional check)	✔	
4.9	Correct identification of circuits and protective devices	✔	
4.10	Presence of RCD test notice at or near consumer unit	✔	
4.11	Presence of non-standard (mixed) cable colour warning notice at or near consumer unit	✔	
4.12	Presence of alternative or additional supply warning notice at or near consumer unit	N/A	
4.13	Presence of replacement next inspection recommendation label	✔	
4.14	Presence of other required labelling (please specify)	N/A	
4.15	Examination of protective device(s) and base(s); correct type and rating (no signs of unacceptable thermal damage, arcing or overheating)	✔	
4.16	Single-pole switching or protective devices in the line conductors only	✔	
4.17	Protection against mechanical damage where cables enter consumer unit	✔	
4.18	Protection against electromagnetic effects where cables enter metallic consumer unit/enclosure	N/A	
4.19	RCDs provided for fault protection - includes RCBOs	✔	

* ***All Outcome boxes must be completed***
'✔' indicates Acceptable condition
'LIM' indicates a Limitation
† Where inadequacies in distributor's equipment are encountered, it is recommended that the person ordering the report informs the appropriate authority.

'N/A' indicates Not applicable
Unacceptable condition state C1 or C2
Improvement recommended state C3
Further investigation required without delay state FI (to determine whether danger or potential danger exists)

Outcome
Provide additional comment where appropriate on attached numbered sheets. C1, C2, C3 and FI coded items to be recorded in Section F of the report.

DOMESTIC ELECTRICAL INSTALLATION CONDITION REPORT (FOR A SINGLE DWELLING)

Original (To the person ordering the work)

SCHEDULE OF INSPECTIONS

Item	Description	Outcome*	Location reference
4.20	RCDs provided for additional protection - includes RCBOs	✔	
4.21	Confirmation of indication that SPD is functional	N/A	
4.22	Confirmation that ALL conductor connections, including connections to busbars are correctly located in terminals and are tight and secure	✔	
5.0	**Distribution/final circuits**		
5.1	Identification of conductors	✔	
5.2	Cables correctly supported throughout their length	LIM	
5.3	Condition of insulation of live parts	✔	
5.4	Non-sheathed cables protected by enclosure in conduit, ducting or trunking (including confirmation of the integrity of conduit and trunking systems)	N/A	
5.5	Adequacy of cables for current-carrying capacity with regard to the type and nature of installation	✔	
5.6	Adequacy of protective devices; type and rated current for fault protection	✔	
5.7	Presence and adequacy of circuit protective conductors	✔	
5.8	Co-ordination between conductors and overload protective devices	✔	
5.9	Wiring system(s) appropriate for the type and nature of the installation and external influences	✔	
5.10	Cables installed under floors, above ceilings, in walls / partitions, adequately protected against damage		
	· installed in prescribed zones (see Section D. Extent and limitations)	N/A	
	· incorporating earthed armour or sheath, or installed within earthed wiring system, or otherwise protected against mechanical damage by nails, screws and the	N/A	

Item	Description	Outcome*	Location reference
5.11	Provision of additional protection by RCD not exceeding 30 mA		
	· ‡ for all socket-outlets of rating 20 A or less	✔	
	· ‡ for mobile equipment not exceeding a rating of 32A for use outdoors	✔	
	· ‡ for cables installed in walls or partitions at a depth o less than 50 mm	C3	
	· ‡ for cables installed in walls / partitions containing metal parts regardless of depth	C3	
5.12	Provision of fire barriers, sealing arrangements and protection against thermal effects	LIM	
5.13	Band II cables segregated/separated from Band I cables	LIM	
5.14	Cables segregated/separated from communications cabling	LIM	
5.15	Cables segregated/separated from non-electrical services	LIM	
5.16	Termination of cables at enclosures (extent of sampling indicated in Section D of the report)		
	· Connections soundly made and under no undue strain	✔	
	· No basic insulation of a conductor visible outside enclosures	✔	
	· Connections of live conductors adequately enclosed	✔	
	· Adequately connected at point of entry to enclosure (glands, bushes etc.)	✔	
5.17	Condition of accessories including socket-outlets, switches and joint boxes	✔	
5.18	Suitability of accessories for external influences	✔	
5.19	Adequacy of working space / accessibility to equipment	✔	
5.20	Single-pole devices for switching or protection in line conductors only	✔	
6.0	**Isolation and switching (isolation, switching off for mechanical maintenance and functional switching)**		

Notes: † Installations designed prior to BS 7671:2008 may not have been provided with RCDs for additional protection

Provide additional comment where appropriate on attached numbered sheets.
C1, C2, C3 and FI coded items to be recorded in Section F of the report.

* ***All Outcome boxes must be completed***
'✔' indicates Acceptable condition
'LIM' indicates a Limitation
'N/A' indicates Not applicable
Unacceptable condition state C1 or C2
Improvement recommended state C3
Further investigation required without delay state FI (to determine whether danger or potential danger exists)

DOMESTIC ELECTRICAL INSTALLATION CONDITION REPORT (FOR A SINGLE DWELLING)

Original (To the person ordering the work)

SCHEDULE OF INSPECTIONS

Item	Description	Outcome*	Location reference
6.1	In general		
	- presence and condition of appropriate devices	✔	
	- correct operation verified	✔	
6.2	For isolation and switching for mechanical maintenance only		
	- capable of being secured in the OFF position where appropriate	N/A	
	- acceptable location - state if local or remote from equipment being controlled where appropriate	N/A	
	- clearly identified by position and/or durable marking(s)	N/A	
6.3	For isolation only		
	- warning label(s) posted in situations where live parts cannot be isolated by the operation of a single device	N/A	
7.0	**Current-using equipment (Permanently connected)**		
7.1	Condition of equipment in terms of IP rating	✔	
7.2	Equipment does not constitute a fire hazard	✔	
7.3	Enclosure not damaged/deteriorated so as to impair safety	✔	
7.4	Suitability for the environment and external influences	✔	
7.5	Security of fixing	✔	
7.6	Cable entry holes in ceiling above luminaires, sized or sealed so as to restrict the spread of fire List number and location of luminaires inspected. (Separate page)	LIM	
7.7	Recessed luminaires (downlighters)		
	- correct type of lamps fitted	N/A	
	- installed to minimise build-up of heat by use of 'fire rated' fittings, insulation displacement box or similar	N/A	
	- no signs of overheating to surrounding building fabric	✔	
	- no signs of overheating to conductors/terminations	✔	
8.0	**Location(s) containing a bath or shower**		
8.1	Additional protection by RCD not exceeding 30 mA		
	- for low voltage circuits serving the location	C3	
	- for low voltage circuits passing through Zone 1 and Zone 2 not serving the location	C3	
8.2	Where used as a protective measure, requirements for SELV or PELV are met	N/A	
8.3	Shaver sockets comply with BS EN 61558-2-5 formerly BS 3535	N/A	
8.4	Presence of supplementary bonding conductors unless not required by BS 7671: 2008	✔	
8.5	Low voltage (e.g. 230 volts) socket-outlets sited at least 3 m from zone 1	N/A	
8.6	Suitability of equipment for external influences for installed location in terms of IP rating	✔	
8.7	Suitability of equipment for installation in a particular zone	✔	
9.0	**Other special installations or locations - Part 7s**		
9.1	List all other special installations or locations present, if any. (Record the results of particular inspection applied separately).	N/A	

* ***All Outcome boxes must be completed***
'✔' indicates Acceptable condition
'LIM' indicates a Limitation
'N/A' indicates Not applicable
Unacceptable condition state C1 or C2
Improvement recommended state C3
Further investigation required without delay state FI (to determine whether danger or potential danger exists)

Outcome
Provide additional comment where appropriate on attached numbered sheets.
C1, C2, C3 and FI coded items to be recorded in Section F of the report.

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SCHEDULES

Original (To the person ordering the work)

CIRCUIT DETAILS / TEST RESULTS

Circuit number	Circuit designation * To be completed only where this consumer unit is remote from the origin of the installation. Record details of the circuit supplying this consumer unit in the bold box	Type of wiring (see code below)	Reference Method (see Appendix 4 of BS 7671)	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)	Circuit impedances (Ω): Ring final circuits only (measured end to end) r_1 (Line)	r_n (Neutral)	r_2 (cpc)	All circuits (At least one column to be completed) $R_1 + R_2$	R_2	Insulation resistance: Line/Line (MΩ)	Line/Neutral (MΩ)	Line/Earth (MΩ)	Neutral/Earth (MΩ)	Polarity (✓)	Maximum measured earth fault loop impedance, Z_s (Ω)	RCD operating times: at $I_{\Delta n}$ (ms)	at $5I_{\Delta n}$ (if applicable) (ms)	Test button operation (✓)
1	Cooker	A	C	1	6.0	2.5	0.4	60898 MCB	B	32	6	N/A	1.37	N/A	N/A	N/A	0.12	N/A	N/A	>200	>200	>200	✓	0.39	N/A	N/A	
2	Cooker	A	C	1	6.0	2.5	0.4	60898 MCB	B	32	6	N/A	1.37	N/A	N/A	N/A	0.13	N/A	N/A	>200	>200	>200	✓	0.40	N/A	N/A	
3	Boiler	A	C	1	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73	N/A	N/A	N/A	0.19	N/A	N/A	>200	>200	>200	✓	0.46	N/A	N/A	
4	Emergency lights and hallway	A	C	8	1.0	1.0	0.4	60898 MCB	B	6	6	N/A	7.28	N/A	N/A	N/A	0.74	N/A	N/A	>200	>200	>200	✓	1.01	N/A	N/A	
5	Lights 2.5,2.6,2.7,2.8	A	C	16	1.0	1.0	0.4	60898 MCB	B	6	6	N/A	7.28	N/A	N/A	N/A	1.19	N/A	N/A	>200	>200	>200	✓	1.46	N/A	N/A	
6	Lights kitchen and laundry room	A	C	4	1.0	1.0	0.4	60898 MCB	B	6	6	N/A	7.28	N/A	N/A	N/A	0.71	N/A	N/A	>200	>200	>200	✓	0.98	N/A	N/A	
7	Lights 2.1,2.2,2.3,2.4	A	C	14	1.0	1.0	0.4	60898 MCB	B	6	6	N/A	7.28	N/A	N/A	N/A	1.01	N/A	N/A	>200	>200	>200	✓	1.28	N/A	N/A	
8	Spare																										
9	Sockets rooms 2.1,2.2,2.3,2.4	A	C	24	2.5	1.5	0.4	60898 MCB	B	32	6	30	1.37	0.37	0.38	0.55	0.16	N/A	N/A	>200	>200	>200	✓	0.43	11.0	8.9	✓
10	Sockets rooms 2.5,2.6,2.7,2.8 and door release	A	C	24	2.5	1.5	0.4	60898 MCB	B	32	6	30	1.37	0.43	0.42	0.63	0.32	N/A	N/A	>200	>200	>200	✓	0.59	11.0	8.9	✓
11	Sockets in hallway	A	C	8	2.5	1.5	0.4	60898 MCB	B	32	6	30	1.37	0.47	0.49	0.72	0.20	N/A	N/A	>200	>200	>200	✓	0.47	11.0	8.9	✓
12	Sockets in kitchen and laundry room	A	C	18	2.5	1.5	0.4	60898 MCB	B	32	6	30	1.37	0.50	0.50	0.74	0.28	N/A	N/A	>200	>200	>200	✓	0.55	11.0	8.9	

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

Location of consumer unit: Second floor store cupboard.

Designation of consumer unit: Main DB Second Floor

Prospective fault current at consumer unit: 0.89 kA

TEST INSTRUMENTS

Test instruments (serial numbers) used

Multi-functional: 1589042

Insulation resistance: N/A

Continuity: N/A

Earth electrode resistance: N/A

Earth fault loop impedance: N/A

RCD: N/A

APPROVED CONTRACTOR

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F. OBSERVATIONS AND RECOMMENDATIONS FOR ACTIONS TO BE TAKEN

Referring to the attached schedules of inspection and test results, and subject to the limitations at D:

There are no items adversely affecting electrical safety N/A **or** The following observations and recommendations for are made ✔

Item No		Code †
7	Circuit 6 - Absence of RCD protection for cables installed at a depth of less than 50 mm from a surface of a wall or partition where the cables do not incorporate an earthed metallic covering, are not enclosed in earthed metalwork, or are not mechanically protected against penetration by nails and the like.	C3
8	Circuit 7 - Absence of RCD protection for cables installed at a depth of less than 50 mm from a surface of a wall or partition where the cables do not incorporate an earthed metallic covering, are not enclosed in earthed metalwork, or are not mechanically protected against penetration by nails and the like.	C3
9	Circuit 5 - Absence of RCD protection for circuits of a location containing a bath or shower where satisfactory supplementary bonding is present	C3
10	Circuit 7 - Absence of RCD protection for circuits of a location containing a bath or shower where satisfactory supplementary bonding is present	C3

Additional Pages? No ✔ Yes Specify page

†One of the following codes, as appropriate, has been allocated to each of the observations made above to indicate to the person(s) responsible for the installation the degree of urgency for remedial action:

Code C1 ***"Danger Present"*** Risk of injury. Immediate remedial action required.

Code C2 ***"Potentially dangerous"*** Urgent remedial action required.

Code C3 ***"Improvement recommended".***

Code FI ***"Further investigation required without delay".***

Please see the notes for recipient for guidance regarding the Classification codes.

Immediate remedial action required for items:

Urgent remedial action required for items:

Further investigation required for items:

Improvement recommended for items: 3, 4, 5, 6, 7, 8, 1, 2, 9, 10

APPROVED CONTRACTOR

Contractor's Reference Number

This certificate is not valid if the serial number has been defaced or altered DPN6/0869459

Original (To the person ordering the work)

DOMESTIC ELECTRICAL INSTALLATION CONDITION REPORT (FOR A SINGLE DWELLING)

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

A. DETAILS OF THE CLIENT

Client: Grwp Gwalia Cyf

Address: Ty Gwalia
7-13 The Kingsway
Swansea
West Glamorgan

Postcode: SA1 5JN

B. PURPOSE OF THE REPORT

Purpose for which this report is required: Periodic inspection & Test only.

Date(s) on which inspection and testing were carried out: 19th December 2018

C. DETAILS OF THE INSTALLATION

Occupier: Communal and rooms

Address: Block D Third Floor,
Ty Beck House,
Sketty Road,
Uplands,
Swansea,

Postcode: SA2 0NH

Estimated age of the electrical installation: 25 years

Evidence of alterations or additions: ✔

If yes, estimated age: 5 years

Date of previous inspection: N/A

Electrical Installation Certificate No or previous Periodic Inspection or Condition Report No: N/A

Records of installation available: No

Records held by: N/A

D. EXTENT OF THE INSTALLATION AND LIMITATIONS ON THE INSPECTION AND TESTING

Extent of the electrical installation covered by this report:

Main DB and associated circuits only.

Agreed limitations (including the reasons), if any, on the inspection and testing:

Audio circuits,
Heating control circuits,
Telecommunication circuits,
Attic voids

Agreed with: Client

Operational limitations including the reasons (see page No. N/A)

None.

The inspection and testing have been carried out in accordance with BS 7671, as amended. Cables concealed within trunking and conduits, or cables and conduits concealed under floors, in inaccessible roof spaces and generally within the fabric of the building or underground, have not been visually inspected unless specifically agreed between the client and inspector prior to the inspection.

E. SUMMARY OF THE CONDITION OF THE INSTALLATION

General condition of the installation (in terms of electrical safety):

All in working order.

Summary of the condition of the installation continued on additional pages? No ✔ Yes Specify page

Overall assessment of the installation: SATISFACTORY / ~~UNSATISFACTORY~~

* **An 'Unsatisfactory' assessment indicates that dangerous (CODE C1) and/or potentially dangerous (CODE C2) conditions have been identified, or that Further investigation without delay (FI) is required**

Please see the 'Notes for Recipients'

NICEIC APPROVED CONTRACTOR

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DOMESTIC ELECTRICAL INSTALLATION CONDITION REPORT (FOR A SINGLE DWELLING)

Original (To the person ordering the work)

F. OBSERVATIONS AND RECOMMENDATIONS FOR ACTIONS TO BE TAKEN

Referring to the attached schedules of inspection and test results, and subject to the limitations at D:

There are no items adversely affecting electrical safety N/A **or** The following observations and recommendations for action are made ✔

Item No	Observations	Code †
1	Main DB - For inspections carried out after 1 January 2016 - Presence of a consumer unit or similar switchgear made from combustible material (e.g. plastic) that is not inside a non-combustible enclosure and which is Located under wooden staircase	C3
2	Circuit 1 - Absence of RCD protection for cables installed at a depth of less than 50 mm from a surface of a wall or partition where the cables do not incorporate an earthed metallic covering, are not enclosed in earthed metalwork, or are not mechanically protected against penetration by nails and the like.	C3
3	Circuit 2 - Absence of RCD protection for cables installed at a depth of less than 50 mm from a surface of a wall or partition where the cables do not incorporate an earthed metallic covering, are not enclosed in earthed metalwork, or are not mechanically protected against penetration by nails and the like.	C3
4	Circuit 3 - Absence of RCD protection for cables installed at a depth of less than 50 mm from a surface of a wall or partition where the cables do not incorporate an earthed metallic covering, are not enclosed in earthed metalwork, or are not mechanically protected against penetration by nails and the like.	C3
5	Circuit 4 - Absence of RCD protection for cables installed at a depth of less than 50 mm from a surface of a wall or partition where the cables do not incorporate an earthed metallic covering, are not enclosed in earthed metalwork, or are not mechanically protected against penetration by nails and the like.	C3
6	Circuit 5 - Absence of RCD protection for cables installed at a depth of less than 50 mm from a surface of a wall or partition where the cables do not incorporate an earthed metallic covering, are not enclosed in earthed metalwork, or are not mechanically protected against penetration by nails and the like.	C3

Additional Pages? No ☐ Yes ✔ Specify page 8

†One of the following codes, as appropriate, has been allocated to each of the observations made above to indicate to the person(s) responsible for the installation the degree of urgency for remedial action:

Code C1 ***"Danger Present"*** Risk of injury. Immediate remedial action required.
Code C2 ***"Potentially dangerous"*** Urgent remedial action required.
Code C3 ***"Improvement recommended".***
Code FI ***"Further investigation required without delay".***

Please see the 'Guidance for Recipients' regarding the Classification codes.

Immediate remedial action required for items:

Urgent remedial action required for items:

Further investigation required without delay for items:

Improvement recommended for items: 3, 4, 5, 6, 7, 8, 1, 2, 9, 10

G. DECLARATION

I/We, being the person(s) responsible for the inspection and testing of the electrical installation (as indicated by my/our signatures below), particulars of which are described on page 1 (see C), having exercised reasonable skill and care when carrying out the inspection and testing, hereby declare that the information in this report, including the observations (see F) and the attached schedules (see H), provides an accurate assessment of the condition of the electrical installation taking into account the stated extent of the installation and the limitations on the inspection and testing (see D).

I/We further declare that in my/our judgement, the overall assessment of the installation in terms of its suitability for continued use is SATISFACTORY / ~~UNSATISFACTORY~~

(see F) at the time the inspection was carried out, and that it should be further inspected as recommended (see I).

*** An 'Unsatisfactory' assessment indicates that dangerous (CODE C1) and/or potentially dangerous (CODE C2) conditions have been identified, or that Further investigation without delay (FI) is required**

INSPECTION, TESTING AND ASSESSMENT BY:

Signature [signature]

Name (CAPITALS) DEAN HOBDAY

Position Electrician

Date: 19/12/2018

REPORT REVIEWED AND CONFIRMED BY:

Signature [signature]

Name (CAPITALS) RICHARD DAVIES

(Registered Qualified Supervisor for the Approved Contractor at J)

Date: 18/12/2018

H. SCHEDULES AND ADDITIONAL PAGES

Schedule of Inspection: Page(s) No 4,5,6

Additional pages, including data sheets for additional source(s) : Page No(s)

Schedule of Test Results for the Installation: Page No(s) 7

Schedule of Circuit Details for the Installation: Page No(s) 7

The pages identified are an essential part of this report. The report is valid only if accompanied by all the schedules and additional pages identified above.

NICEIC APPROVED CONTRACTOR

This certificate is not valid if the serial number has been defaced or altered DPN6/0869459

DOMESTIC ELECTRICAL INSTALLATION CONDITION REPORT (FOR A SINGLE DWELLING)

Original (To the person ordering the work)

I. NEXT INSPECTION

I/We recommend that this installation is further inspected and tested after an interval of not more than

5 Years

(Enter interval in terms of years, months or weeks, as appropriate)

provided that any items at F which have been attributed a Classification code C1 (danger present) are remedied immediately and that any items which have been attributed a code C2 (potentially dangerous) or FI (further investigation required without delay) are remedied or investigated respectively as a matter of urgency. Items which have been attributed a Classification code C3 should be improved as soon as practicable (see F).

J. DETAILS OF NICEIC APPROVED CONTRACTOR

Trading Title: A & R Electrical Wales Ltd

Address: 15 Alder Road
Cimla
Neath
Glam

Postcode: SA11 3NY

Telephone number: 01639 775810

Email Address: office@aandrelectrical.co.uk

Enrolment number: 040640
(Essential information)

Branch number: 001
(if applicable)

K. SUPPLY CHARACTERISTICS AND EARTHING ARRANGEMENTS

System Type(s)

TN-S	
TN-C-S	✔
TT	

Number and Type of Live Conductors

a.c.	✔		
1-phase (2 wire)		1-phase (3 wire)	✔
2-phase (3 wire)			
3-phase (3 wire)		3-phase (4 wire)	

Other (please state)

Nature of Supply Parameters

Nominal Voltage(s): $U^{(1)}$	N/A V	U_0 (1)	230 V
Nominal frequency, $f^{(1)}$	50 Hz	Number of sources	1
Prospective fault current, I_{pf} (2)(3)	0.92 kA		
External earth fault loop impendance, Z_e (3)(4)	0.26 Ω		

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

Characteristics of Primary Supply Overcurrent Protective Device(s)

BS(EN)	BS 1361 Fuse HBC Domestic Type
Type	2
Rated current	100 A
Short-circuit capacity	16.5 kA
Confirmation of supply polarity	✔ (✔)

L. PARTICULARS OF INSTALLATION AT THE ORIGIN

Means of Earthing

Distributor's facility:	✔
Installation earth electrode:	

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/Switch-Fuse/Circuit-Breaker/RCD

Type: BS(EN)	BS EN 60947-	Voltage rating	230 V
No of Poles	2	Rated current, I_n	100 A
Primary supply conductors (material)	Copper	RCD operating current, $I_{\Delta n}$*	N/A mA
Primary supply conductors (csa)	16.0 mm^2	Rated time delay*	N/A ms
		RCD operating time (at $I_{\Delta n}$)*	N/A ms

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

Earthing and protective bonding conductors

Earthing conductor

Conductor material	Copper
Conductor csa	10.0 mm^2
Connection/ continuity verified	✔ (✔)

Main protective bonding conductors

Conductor material	Copper
Conductor csa	10.0 mm^2
Connection/ continuity verified	✔ (✔)

Bonding of extraneous-conductive-parts (✔)

Water service	✔	Gas Service	✔
Oil service		Structural steel	
Lightning protection			
Other (Specify)			

DOMESTIC ELECTRICAL INSTALLATION CONDITION REPORT (FOR A SINGLE DWELLING)

Original (To the person ordering the work)

SCHEDULE OF INSPECTIONS

Item	Description	Outcome*	Location reference
1.0	**Condition/adequacy of distributor's/supply intake equipment†**		
1.1	Service cable	✔	
1.2	Service head	✔	
1.3	Distributor's earthing arrangement	✔	
1.4	Meter tails - Distributor/Consumer	✔	
1.5	Metering equipment	✔	
1.6	Means of main isolation (where present)	✔	
2.0	**Presence of adequate arrangements for other sources (microgenerators etc)**		
2.1	Adequate arrangements where a generating set operates as a switched alternative to the public supply	N/A	
2.2	Adequate arrangements where a generating set operates in parallel with the public supply	N/A	
3.0	**Earthing and bonding arrangements**		
3.1	Presence and condition of distributor's earthing arrangement	✔	
3.2	Presence and condition of earth electrode connection	N/A	
3.3	Confirmation of adequate earthing conductor size	✔	
3.4	Accessibility and condition of earthing conductor at Main Earthing Terminal (MET)	✔	
3.5	Confirmation of adequate main protective bonding conductor sizes	✔	
3.6	Accessibility and condition of main protective bonding conductor connections	✔	
3.7	Accessibility and condition of other protective bonding connections	✔	
3.8	Provision of earthing and bonding labels at all appropriate locations	✔	

Item	Description	Outcome*	Location reference
4.0	**Consumer unit(s)**		
4.1	Adequacy of working space or access to consumer unit	✔	
4.2	Security of fixing	✔	
4.3	Condition of enclosure(s) in terms of IP rating	✔	
4.4	Condition of enclosure(s) in terms of fire rating	C3	
4.5	Enclosure not damaged/deteriorated so as to impair safety	✔	
4.6	Presence of linked main switch	✔	
4.7	Operation of main switch (functional check)	✔	
4.8	Operation of circuit-breakers and RCDs to prove disconnection (functional check)	✔	
4.9	Correct identification of circuits and protective devices	✔	
4.10	Presence of RCD test notice at or near consumer unit	✔	
4.11	Presence of non-standard (mixed) cable colour warning notice at or near consumer unit	✔	
4.12	Presence of alternative or additional supply warning notice at or near consumer unit	N/A	
4.13	Presence of replacement next inspection recommendation label	✔	
4.14	Presence of other required labelling (please specify)	N/A	
4.15	Examination of protective device(s) and base(s); correct type and rating (no signs of unacceptable thermal damage, arcing or overheating)	✔	
4.16	Single-pole switching or protective devices in the line conductors only	✔	
4.17	Protection against mechanical damage where cables enter consumer unit	✔	
4.18	Protection against electromagnetic effects where cables enter metallic consumer unit/enclosure	N/A	
4.19	RCDs provided for fault protection - includes RCBOs	✔	

* ***All Outcome boxes must be completed***
'✔' indicates Acceptable condition
'LIM' indicates a Limitation
† Where inadequacies in distributor's equipment are encountered, it is recommended that the person ordering the report informs the appropriate authority.

'N/A' indicates Not applicable
Unacceptable condition state C1 or C2
Improvement recommended state C3
Further investigation required without delay state FI (to determine whether danger or potential danger exists)

Outcome
Provide additional comment where appropriate on attached numbered sheets. C1, C2, C3 and FI coded items to be recorded in Section F of the report.

DOMESTIC ELECTRICAL INSTALLATION CONDITION REPORT (FOR A SINGLE DWELLING)

Original (To the person ordering the work)

SCHEDULE OF INSPECTIONS

Item	Description	Outcome*	Location reference
4.20	RCDs provided for additional protection - includes RCBOs	✔	
4.21	Confirmation of indication that SPD is functional	N/A	
4.22	Confirmation that ALL conductor connections, including connections to busbars are correctly located in terminals and are tight and secure	✔	
5.0	**Distribution/final circuits**		
5.1	Identification of conductors	✔	
5.2	Cables correctly supported throughout their length	LIM	
5.3	Condition of insulation of live parts	✔	
5.4	Non-sheathed cables protected by enclosure in conduit, ducting or trunking (including confirmation of the integrity of conduit and trunking systems)	N/A	
5.5	Adequacy of cables for current-carrying capacity with regard to the type and nature of installation	✔	
5.6	Adequacy of protective devices; type and rated current for fault protection	✔	
5.7	Presence and adequacy of circuit protective conductors	✔	
5.8	Co-ordination between conductors and overload protective devices	✔	
5.9	Wiring system(s) appropriate for the type and nature of the installation and external influences	✔	
5.10	Cables installed under floors, above ceilings, in walls / partitions, adequately protected against damage		
	· installed in prescribed zones (see Section D. Extent and limitations)	N/A	
	· incorporating earthed armour or sheath, or installed within earthed wiring system, or otherwise protected against mechanical damage by nails, screws and the	N/A	

Item	Description	Outcome*	Location reference
5.11	Provision of additional protection by RCD not exceeding 30 mA		
	· ‡ for all socket-outlets of rating 20 A or less	✔	
	· ‡ for mobile equipment not exceeding a rating of 32A for use outdoors	✔	
	· ‡ for cables installed in walls or partitions at a depth o less than 50 mm	C3	
	· ‡ for cables installed in walls / partitions containing metal parts regardless of depth	C3	
5.12	Provision of fire barriers, sealing arrangements and protection against thermal effects	LIM	
5.13	Band II cables segregated/separated from Band I cables	LIM	
5.14	Cables segregated/separated from communications cabling	LIM	
5.15	Cables segregated/separated from non-electrical services	LIM	
5.16	Termination of cables at enclosures (extent of sampling indicated in Section D of the report)		
	· Connections soundly made and under no undue strain	✔	
	· No basic insulation of a conductor visible outside enclosures	✔	
	· Connections of live conductors adequately enclosed	✔	
	· Adequately connected at point of entry to enclosure (glands, bushes etc.)	✔	
5.17	Condition of accessories including socket-outlets, switches and joint boxes	✔	
5.18	Suitability of accessories for external influences	✔	
5.19	Adequacy of working space / accessibility to equipment	✔	
5.20	Single-pole devices for switching or protection in line conductors only	✔	
6.0	**Isolation and switching (isolation, switching off for mechanical maintenance and functional switching)**		

Notes: † Installations designed prior to BS 7671:2008 may not have been provided with RCDs for additional protection

Provide additional comment where appropriate on attached numbered sheets.
C1, C2, C3 and FI coded items to be recorded in Section F of the report.

* ***All Outcome boxes must be completed***
'✔' indicates Acceptable condition
'LIM' indicates a Limitation
'N/A' indicates Not applicable
Unacceptable condition state C1 or C2
Improvement recommended state C3
Further investigation required without delay state FI
(to determine whether danger or potential danger exists)

DOMESTIC ELECTRICAL INSTALLATION CONDITION REPORT (FOR A SINGLE DWELLING)

Original (To the person ordering the work)

SCHEDULE OF INSPECTIONS

Item	Description	Outcome*	Location reference
6.1	In general		
	- presence and condition of appropriate devices	✔	
	- correct operation verified	✔	
6.2	For isolation and switching for mechanical maintenance only		
	- capable of being secured in the OFF position where appropriate	N/A	
	- acceptable location - state if local or remote from equipment being controlled where appropriate	N/A	
	- clearly identified by position and/or durable marking(s)	N/A	
6.3	For isolation only		
	- warning label(s) posted in situations where live parts cannot be isolated by the operation of a single device	N/A	
7.0	**Current-using equipment (Permanently connected)**		
7.1	Condition of equipment in terms of IP rating	✔	
7.2	Equipment does not constitute a fire hazard	✔	
7.3	Enclosure not damaged/deteriorated so as to impair safety	✔	
7.4	Suitability for the environment and external influences	✔	
7.5	Security of fixing	✔	
7.6	Cable entry holes in ceiling above luminaires, sized or sealed so as to restrict the spread of fire List number and location of luminaires inspected. (Separate page)	LIM	
7.7	Recessed luminaires (downlighters)		
	- correct type of lamps fitted	N/A	
	- installed to minimise build-up of heat by use of 'fire rated' fittings, insulation displacement box or similar	N/A	
	- no signs of overheating to surrounding building fabric	✔	
	- no signs of overheating to conductors/terminations	✔	
8.0	**Location(s) containing a bath or shower**		
8.1	Additional protection by RCD not exceeding 30 mA		
	- for low voltage circuits serving the location	C3	
	- for low voltage circuits passing through Zone 1 and Zone 2 not serving the location	C3	
8.2	Where used as a protective measure, requirements for SELV or PELV are met	N/A	
8.3	Shaver sockets comply with BS EN 61558-2-5 formerly BS 3535	N/A	
8.4	Presence of supplementary bonding conductors unless not required by BS 7671: 2008	✔	
8.5	Low voltage (e.g. 230 volts) socket-outlets sited at least 3 m from zone 1	N/A	
8.6	Suitability of equipment for external influences for installed location in terms of IP rating	✔	
8.7	Suitability of equipment for installation in a particular zone	✔	
9.0	**Other special installations or locations - Part 7s**		
9.1	List all other special installations or locations present, if any. (Record the results of particular inspection applied separately).	N/A	

* ***All Outcome boxes must be completed***
'✔' indicates Acceptable condition
'LIM' indicates a Limitation
'N/A' indicates Not applicable
Unacceptable condition state C1 or C2
Improvement recommended state C3
Further investigation required without delay state FI (to determine whether danger or potential danger exists)

Outcome
Provide additional comment where appropriate on attached numbered sheets.
C1, C2, C3 and FI coded items to be recorded in Section F of the report.

NICEIC APPROVED CONTRACTOR

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SCHEDULES

Original (To the person ordering the work)

CIRCUIT DETAILS / TEST RESULTS

Circuit number	Circuit designation * To be completed only where this consumer unit is remote from the origin of the installation. Record details of the circuit supplying this consumer unit in the bold box	Type of wiring (see code below)	Reference Method (see Appendix 4 of BS 7671)	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)	Circuit impedances (Ω): Ring final circuits only (measured end to end) r_1 (Line)	r_n (Neutral)	r_2 (cpc)	All circuits (At least one column to be completed) $R_1 + R_2$	R_2	Insulation resistance: Line/Line (MΩ)	Line/Neutral (MΩ)	Line/Earth (MΩ)	Neutral/Earth (MΩ)	Polarity (✓)	Maximum measured earth fault loop impedance, Z_s (Ω)	RCD operating times: at $I_{\Delta n}$ (ms)	at $5I_{\Delta n}$ (if applicable) (ms)	Test button operation (✓)
1	Cooker	A	C	1	6.0	2.5	0.4	60898 MCB	B	32	6	N/A	1.37	N/A	N/A	N/A	0.15	N/A	N/A	>200	>200	>200	✓	0.41	N/A	N/A	
2	Cooker	A	C	1	6.0	2.5	0.4	60898 MCB	B	32	6	N/A	1.37	N/A	N/A	N/A	0.17	N/A	N/A	>200	>200	>200	✓	0.43	N/A	N/A	
3	Boiler	A	C	1	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73	N/A	N/A	N/A	0.29	N/A	N/A	>200	>200	>200	✓	0.55	N/A	N/A	
4	Lights 3.1, 3.2, 3.3, 3.4	A	C	16	1.0	1.0	0.4	60898 MCB	B	6	6	N/A	7.28	N/A	N/A	N/A	1.12	N/A	N/A	>200	>200	>200	✓	1.38	N/A	N/A	
5	Lights 3.5, 3.6, 3.7, 3.8	A	C	16	1.0	1.0	0.4	60898 MCB	B	6	6	N/A	7.28	N/A	N/A	N/A	1.26	N/A	N/A	>200	>200	>200	✓	1.52	N/A	N/A	
6	Lights kitchen and laundry room	A	C	4	1.0	1.0	0.4	60898 MCB	B	6	6	N/A	7.28	N/A	N/A	N/A	0.63	N/A	N/A	>200	>200	>200	✓	0.89	N/A	N/A	
7	Emergency lights and hallway	A	C	8	1.0	1.0	0.4	60898 MCB	B	6	6	N/A	7.28	N/A	N/A	N/A	0.71	N/A	N/A	>200	>200	>200	✓	0.97	N/A	N/A	
8	Spare																										
9	Sockets rooms 3.1, 3.2, 3.3, 3.4	A	C	24	2.5	1.5	0.4	60898 MCB	B	32	6	30	1.37	0.33	0.34	0.51	0.25	N/A	N/A	>200	>200	>200	✓	0.51	20.8	18.9	✓
10	Sockets rooms 3.5, 3.6, 3.7, 3.8	A	C	24	2.5	1.5	0.4	60898 MCB	B	32	6	30	1.37	0.30	0.29	0.45	0.23	N/A	N/A	>200	>200	>200	✓	0.49	20.8	18.9	✓
11	Sockets kitchen and laundry	A	C	18	2.5	1.5	0.4	60898 MCB	B	32	6	30	1.37	0.55	0.57	0.84	0.43	N/A	N/A	>200	>200	>200	✓	0.69	20.8	18.9	✓
12	Sockets in hallway	A	C	8	2.5	1.5	0.4	60898 MCB	B	32	6	30	1.37	0.48	0.46	0.70	0.30	N/A	N/A	>200	>200	>200	✓	0.56	20.8	18.9	✓
13	Door release	A	C	1	2.5	1.5	0.4	60898 MCB	C	20	6	30	1.09	N/A	N/A	N/A	0.33	N/A	N/A	>200	>200	>200	✓	0.59	20.8	18.9	✓

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

Location of consumer unit: In Third floor store cupboard.

Designation of consumer unit: Main DB Third Floor

Prospective fault current at consumer unit: 0.92 kA

TEST INSTRUMENTS

Test instruments (serial numbers) used

Multi-functional: 1589042

Insulation resistance: N/A

Continuity: N/A

Earth electrode resistance: N/A

Earth fault loop impedance: N/A

RCD: N/A

APPROVED CONTRACTOR

This certificate is not valid if the serial number has been defaced or altered DPN6/0869459

F. OBSERVATIONS AND RECOMMENDATIONS FOR ACTIONS TO BE TAKEN

Referring to the attached schedules of inspection and test results, and subject to the limitations at D:

There are no items adversely affecting electrical safety N/A **or** The following observations and recommendations for are made ✔

Item No		Code †
7	Circuit 6 - Absence of RCD protection for cables installed at a depth of less than 50 mm from a surface of a wall or partition where the cables do not incorporate an earthed metallic covering, are not enclosed in earthed metalwork, or are not mechanically protected against penetration by nails and the like.	C3
8	Circuit 7 - Absence of RCD protection for cables installed at a depth of less than 50 mm from a surface of a wall or partition where the cables do not incorporate an earthed metallic covering, are not enclosed in earthed metalwork, or are not mechanically protected against penetration by nails and the like.	C3
9	Circuit 4 - Absence of RCD protection for circuits of a location containing a bath or shower where satisfactory supplementary bonding is present	C3
10	Circuit 5 - Absence of RCD protection for circuits of a location containing a bath or shower where satisfactory supplementary bonding is present	C3

Additional Pages? No ✔ Yes Specify page

†One of the following codes, as appropriate, has been allocated to each of the observations made above to indicate to the person(s) responsible for the installation the degree of urgency for remedial action:

Code C1 ***"Danger Present"*** Risk of injury. Immediate remedial action required.

Code C2 ***"Potentially dangerous"*** Urgent remedial action required.

Code C3 ***"Improvement recommended".***

Code FI ***"Further investigation required without delay".***

Please see the notes for recipient for guidance regarding the Classification codes.

Immediate remedial action required for items:

Urgent remedial action required for items:

Further investigation required for items:

Improvement recommended for items: 3, 4, 5, 6, 7, 8, 1, 2, 9, 10

ADDITIONAL NOTES

APPROVED CONTRACTOR

Contractor's Reference Number

This certificate is not valid if the serial number has been defaced or altered DPN6/0869458

Original (To the person ordering the work)

DOMESTIC ELECTRICAL INSTALLATION CONDITION REPORT (FOR A SINGLE DWELLING)

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

A. DETAILS OF THE CLIENT

Client: Grwp Gwalia Cyf

Address: Ty Gwalia
7-13 The Kingsway
Swansea
West Glamorgan

Postcode: SA1 5JN

B. PURPOSE OF THE REPORT

Purpose for which this report is required: Periodic inspection & Test only.

Date(s) on which inspection and testing were carried out: 20th December 2018

C. DETAILS OF THE INSTALLATION

Occupier: Communal and rooms

Address: Block D Fourth Floor
Ty Beck House,
Sketty Road,
Uplands,
Swansea,

Postcode: SA2 0NH

Estimated age of the electrical installation: 25 years

Evidence of alterations or additions: ✔

If yes, estimated age: 5 years

Date of previous inspection: N/A

Electrical Installation Certificate No or previous Periodic Inspection or Condition Report No: N/A

Records of installation available: No

Records held by: N/A

D. EXTENT OF THE INSTALLATION AND LIMITATIONS ON THE INSPECTION AND TESTING

Extent of the electrical installation covered by this report:

Main DB and associated circuits only.

Agreed limitations (including the reasons), if any, on the inspection and testing:

Audio circuits,
Heating control circuits,
Telecommunication circuits,
Attic voids

Agreed with: Client

Operational limitations including the reasons (see page No. N/A)

None.

The inspection and testing have been carried out in accordance with BS 7671, as amended. Cables concealed within trunking and conduits, or cables and conduits concealed under floors, in inaccessible roof spaces and generally within the fabric of the building or underground, have not been visually inspected unless specifically agreed between the client and inspector prior to the inspection.

E. SUMMARY OF THE CONDITION OF THE INSTALLATION

General condition of the installation (in terms of electrical safety):

All in working order.

Summary of the condition of the installation continued on additional pages? No ✔ Yes Specify page

Overall assessment of the installation: SATISFACTORY / ~~UNSATISFACTORY~~

* **An 'Unsatisfactory' assessment indicates that dangerous (CODE C1) and/or potentially dangerous (CODE C2) conditions have been identified, or that Further investigation without delay (FI) is required**

This report should have been reviewed and confirmed by the registered Qualified Supervisor of the Approved Contractor responsible for issuing it. (See declaration on page 2)

Please see the 'Notes for Recipients'

NICEIC APPROVED CONTRACTOR

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DOMESTIC ELECTRICAL INSTALLATION CONDITION REPORT (FOR A SINGLE DWELLING)

Original (To the person ordering the work)

F. OBSERVATIONS AND RECOMMENDATIONS FOR ACTIONS TO BE TAKEN

Referring to the attached schedules of inspection and test results, and subject to the limitations at D:

There are no items adversely affecting electrical safety N/A **or** The following observations and recommendations for action are made ✔

Item No	Observations	Code †
1	Main DB - For inspections carried out after 1 January 2016 - Presence of a consumer unit or similar switchgear made from combustible material (e.g. plastic) that is not inside a non-combustible enclosure and which is Located under wooden staircase	C3
2	Circuit 1 - Absence of RCD protection for cables installed at a depth of less than 50 mm from a surface of a wall or partition where the cables do not incorporate an earthed metallic covering, are not enclosed in earthed metalwork, or are not mechanically protected against penetration by nails and the like.	C3
3	Circuit 2 - Absence of RCD protection for cables installed at a depth of less than 50 mm from a surface of a wall or partition where the cables do not incorporate an earthed metallic covering, are not enclosed in earthed metalwork, or are not mechanically protected against penetration by nails and the like.	C3
4	Circuit 3 - Absence of RCD protection for cables installed at a depth of less than 50 mm from a surface of a wall or partition where the cables do not incorporate an earthed metallic covering, are not enclosed in earthed metalwork, or are not mechanically protected against penetration by nails and the like.	C3
5	Circuit 4 - Absence of RCD protection for cables installed at a depth of less than 50 mm from a surface of a wall or partition where the cables do not incorporate an earthed metallic covering, are not enclosed in earthed metalwork, or are not mechanically protected against penetration by nails and the like.	C3
6	Circuit 5 - Absence of RCD protection for cables installed at a depth of less than 50 mm from a surface of a wall or partition where the cables do not incorporate an earthed metallic covering, are not enclosed in earthed metalwork, or are not mechanically protected against penetration by nails and the like.	C3

Additional Pages? No ☐ Yes ✔ Specify page 8

†One of the following codes, as appropriate, has been allocated to each of the observations made above to indicate to the person(s) responsible for the installation the degree of urgency for remedial action:

Code C1 ***"Danger Present"*** Risk of injury. Immediate remedial action required.
Code C2 ***"Potentially dangerous"*** Urgent remedial action required.
Code C3 ***"Improvement recommended".***
Code FI ***"Further investigation required without delay".***

Please see the 'Guidance for Recipients' regarding the Classification codes.

Immediate remedial action required for items:

Urgent remedial action required for items:

Further investigation required without delay for items:

Improvement recommended for items: 3, 4, 5, 6, 7, 8, 1, 2, 9, 10

G. DECLARATION

I/We, being the person(s) responsible for the inspection and testing of the electrical installation (as indicated by my/our signatures below), particulars of which are described on page 1 (see C), having exercised reasonable skill and care when carrying out the inspection and testing, hereby declare that the information in this report, including the observations (see F) and the attached schedules (see H), provides an accurate assessment of the condition of the electrical installation taking into account the stated extent of the installation and the limitations on the inspection and testing (see D).

I/We further declare that in my/our judgement, the overall assessment of the installation in terms of its suitability for continued use is SATISFACTORY / ~~UNSATISFACTORY~~

(see F) at the time the inspection was carried out, and that it should be further inspected as recommended (see I).

*** An 'Unsatisfactory' assessment indicates that dangerous (CODE C1) and/or potentially dangerous (CODE C2) conditions have been identified, or that Further investigation without delay (FI) is required**

INSPECTION, TESTING AND ASSESSMENT BY:

Signature [signature]

Name (CAPITALS) DEAN HOBDAY

Position Electrician

Date: 20/12/2018

REPORT REVIEWED AND CONFIRMED BY:

Signature [signature]

Name (CAPITALS) RICHARD DAVIES

(Registered Qualified Supervisor for the Approved Contractor at J)

Date: 20/12/2018

H. SCHEDULES AND ADDITIONAL PAGES

Schedule of Inspection: Page(s) No 4,5,6

Additional pages, including data sheets for additional source(s) : Page No(s)

Schedule of Test Results for the Installation: Page No(s) 7

Schedule of Circuit Details for the Installation: Page No(s) 7

The pages identified are an essential part of this report. The report is valid only if accompanied by all the schedules and additional pages identified above.

NICEIC APPROVED CONTRACTOR

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DOMESTIC ELECTRICAL INSTALLATION CONDITION REPORT (FOR A SINGLE DWELLING)

Original (To the person ordering the work)

I. NEXT INSPECTION

I/We recommend that this installation is further inspected and tested after an interval of not more than

5 Years

(Enter interval in terms of years, months or weeks, as appropriate)

provided that any items at F which have been attributed a Classification code C1 (danger present) are remedied immediately and that any items which have been attributed a code C2 (potentially dangerous) or FI (further investigation required without delay) are remedied or investigated respectively as a matter of urgency. Items which have been attributed a Classification code C3 should be improved as soon as practicable (see F).

J. DETAILS OF NICEIC APPROVED CONTRACTOR

Trading Title: A & R Electrical Wales Ltd

Address: 15 Alder Road
Cimla
Neath
Glam

Postcode: SA11 3NY

Telephone number: 01639 775810

Email Address: office@aandrelectrical.co.uk

Enrolment number: 040640
(Essential information)

Branch number: 001
(if applicable)

K. SUPPLY CHARACTERISTICS AND EARTHING ARRANGEMENTS

System Type(s)

TN-S	
TN-C-S	✔
TT	

Number and Type of Live Conductors

a.c.	✔		
1-phase (2 wire)		1-phase (3 wire)	✔
2-phase (3 wire)			
3-phase (3 wire)		3-phase (4 wire)	

Other (please state)

Nature of Supply Parameters

Nominal Voltage(s): $U^{(1)}$	N/A V	U_0 (1)	230 V
Nominal frequency, $f^{(1)}$	50 Hz	Number of sources	1
Prospective fault current, I_{pf} (2)(3)	0.83 kA		
External earth fault loop impendance, Z_e (3)(4)	0.29 Ω		

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

Characteristics of Primary Supply Overcurrent Protective Device(s)

BS(EN)	BS 1361 Fuse HBC Domestic Type
Type	2
Rated current	100 A
Short-circuit capacity	16.5 kA
Confirmation of supply polarity	✔ (✔)

L. PARTICULARS OF INSTALLATION AT THE ORIGIN

Means of Earthing

Distributor's facility:	✔
Installation earth electrode:	

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/Switch-Fuse/Circuit-Breaker/RCD

Type: BS(EN)	BS EN 60947-	Voltage rating	230 V
No of Poles	2	Rated current, I_n	100 A
Primary supply conductors (material)	Copper	RCD operating current, $I_{\Delta n}$*	N/A mA
Primary supply conductors (csa)	16.0 mm^2	Rated time delay*	N/A ms
		RCD operating time (at $I_{\Delta n}$)*	N/A ms

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

Earthing conductor

Conductor material	Copper
Conductor csa	10.0 mm^2
Connection/ continuity verified	✔ (✔)

Earthing and protective bonding conductors

Main protective bonding conductors

Conductor material	Copper
Conductor csa	10.0 mm^2
Connection/ continuity verified	✔ (✔)

Bonding of extraneous-conductive-parts (✔)

Water service	✔	Gas Service	✔
Oil service		Structural steel	
Lightning protection			
Other (Specify)			

DOMESTIC ELECTRICAL INSTALLATION CONDITION REPORT (FOR A SINGLE DWELLING)

Original (To the person ordering the work)

SCHEDULE OF INSPECTIONS

Item	Description	Outcome*	Location reference
1.0	**Condition/adequacy of distributor's/supply intake equipment†**		
1.1	Service cable	✔	
1.2	Service head	✔	
1.3	Distributor's earthing arrangement	✔	
1.4	Meter tails - Distributor/Consumer	✔	
1.5	Metering equipment	✔	
1.6	Means of main isolation (where present)	✔	
2.0	**Presence of adequate arrangements for other sources (microgenerators etc)**		
2.1	Adequate arrangements where a generating set operates as a switched alternative to the public supply	N/A	
2.2	Adequate arrangements where a generating set operates in parallel with the public supply	N/A	
3.0	**Earthing and bonding arrangements**		
3.1	Presence and condition of distributor's earthing arrangement	✔	
3.2	Presence and condition of earth electrode connection	N/A	
3.3	Confirmation of adequate earthing conductor size	✔	
3.4	Accessibility and condition of earthing conductor at Main Earthing Terminal (MET)	✔	
3.5	Confirmation of adequate main protective bonding conductor sizes	✔	
3.6	Accessibility and condition of main protective bonding conductor connections	✔	
3.7	Accessibility and condition of other protective bonding connections	✔	
3.8	Provision of earthing and bonding labels at all appropriate locations	✔	

Item	Description	Outcome*	Location reference
4.0	**Consumer unit(s)**		
4.1	Adequacy of working space or access to consumer unit	✔	
4.2	Security of fixing	✔	
4.3	Condition of enclosure(s) in terms of IP rating	✔	
4.4	Condition of enclosure(s) in terms of fire rating	C3	
4.5	Enclosure not damaged/deteriorated so as to impair safety	✔	
4.6	Presence of linked main switch	✔	
4.7	Operation of main switch (functional check)	✔	
4.8	Operation of circuit-breakers and RCDs to prove disconnection (functional check)	✔	
4.9	Correct identification of circuits and protective devices	✔	
4.10	Presence of RCD test notice at or near consumer unit	✔	
4.11	Presence of non-standard (mixed) cable colour warning notice at or near consumer unit	✔	
4.12	Presence of alternative or additional supply warning notice at or near consumer unit	N/A	
4.13	Presence of replacement next inspection recommendation label	✔	
4.14	Presence of other required labelling (please specify)	N/A	
4.15	Examination of protective device(s) and base(s); correct type and rating (no signs of unacceptable thermal damage, arcing or overheating)	✔	
4.16	Single-pole switching or protective devices in the line conductors only	✔	
4.17	Protection against mechanical damage where cables enter consumer unit	✔	
4.18	Protection against electromagnetic effects where cables enter metallic consumer unit/enclosure	N/A	
4.19	RCDs provided for fault protection - includes RCBOs	✔	

* ***All Outcome boxes must be completed***
'✔' indicates Acceptable condition
'LIM' indicates a Limitation
'N/A' indicates Not applicable
Unacceptable condition state C1 or C2
Improvement recommended state C3
Further investigation required without delay state FI (to determine whether danger or potential danger exists)

† Where inadequacies in distributor's equipment are encountered, it is recommended that the person ordering the report informs the appropriate authority.

Outcome
Provide additional comment where appropriate on attached numbered sheets. C1, C2, C3 and FI coded items to be recorded in Section F of the report.

DOMESTIC ELECTRICAL INSTALLATION CONDITION REPORT (FOR A SINGLE DWELLING)

Original (To the person ordering the work)

SCHEDULE OF INSPECTIONS

Item	Description	Outcome*	Location reference
4.20	RCDs provided for additional protection - includes RCBOs	✔	
4.21	Confirmation of indication that SPD is functional	N/A	
4.22	Confirmation that ALL conductor connections, including connections to busbars are correctly located in terminals and are tight and secure	✔	
5.0	**Distribution/final circuits**		
5.1	Identification of conductors	✔	
5.2	Cables correctly supported throughout their length	LIM	
5.3	Condition of insulation of live parts	✔	
5.4	Non-sheathed cables protected by enclosure in conduit, ducting or trunking (including confirmation of the integrity of conduit and trunking systems)	N/A	
5.5	Adequacy of cables for current-carrying capacity with regard to the type and nature of installation	✔	
5.6	Adequacy of protective devices; type and rated current for fault protection	✔	
5.7	Presence and adequacy of circuit protective conductors	✔	
5.8	Co-ordination between conductors and overload protective devices	✔	
5.9	Wiring system(s) appropriate for the type and nature of the installation and external influences	✔	
5.10	Cables installed under floors, above ceilings, in walls / partitions, adequately protected against damage		
	· installed in prescribed zones (see Section D. Extent and limitations)	N/A	
	· incorporating earthed armour or sheath, or installed within earthed wiring system, or otherwise protected against mechanical damage by nails, screws and the	N/A	

Item	Description	Outcome*	Location reference
5.11	Provision of additional protection by RCD not exceeding 30 mA		
	· ‡ for all socket-outlets of rating 20 A or less	✔	
	· ‡ for mobile equipment not exceeding a rating of 32A for use outdoors	✔	
	· ‡ for cables installed in walls or partitions at a depth o less than 50 mm	C3	
	· ‡ for cables installed in walls / partitions containing metal parts regardless of depth	C3	
5.12	Provision of fire barriers, sealing arrangements and protection against thermal effects	LIM	
5.13	Band II cables segregated/separated from Band I cables	LIM	
5.14	Cables segregated/separated from communications cabling	LIM	
5.15	Cables segregated/separated from non-electrical services	LIM	
5.16	Termination of cables at enclosures (extent of sampling indicated in Section D of the report)		
	· Connections soundly made and under no undue strain	✔	
	· No basic insulation of a conductor visible outside enclosures	✔	
	· Connections of live conductors adequately enclosed	✔	
	· Adequately connected at point of entry to enclosure (glands, bushes etc.)	✔	
5.17	Condition of accessories including socket-outlets, switches and joint boxes	✔	
5.18	Suitability of accessories for external influences	✔	
5.19	Adequacy of working space / accessibility to equipment	✔	
5.20	Single-pole devices for switching or protection in line conductors only	✔	
6.0	**Isolation and switching (isolation, switching off for mechanical maintenance and functional switching)**		

Notes: † Installations designed prior to BS 7671:2008 may not have been provided with RCDs for additional protection

Provide additional comment where appropriate on attached numbered sheets.
C1, C2, C3 and FI coded items to be recorded in Section F of the report.

* ***All Outcome boxes must be completed***
'✔' indicates Acceptable condition
'LIM' indicates a Limitation
'N/A' indicates Not applicable
Unacceptable condition state C1 or C2
Improvement recommended state C3
Further investigation required without delay state FI
(to determine whether danger or potential danger exists)

DOMESTIC ELECTRICAL INSTALLATION CONDITION REPORT (FOR A SINGLE DWELLING)

Original (To the person ordering the work)

SCHEDULE OF INSPECTIONS

Item	Description	Outcome*	Location reference
6.1	In general		
	- presence and condition of appropriate devices	✔	
	- correct operation verified	✔	
6.2	For isolation and switching for mechanical maintenance only		
	- capable of being secured in the OFF position where appropriate	N/A	
	- acceptable location - state if local or remote from equipment being controlled where appropriate	N/A	
	- clearly identified by position and/or durable marking(s)	N/A	
6.3	For isolation only		
	- warning label(s) posted in situations where live parts cannot be isolated by the operation of a single device	N/A	
7.0	**Current-using equipment (Permanently connected)**		
7.1	Condition of equipment in terms of IP rating	✔	
7.2	Equipment does not constitute a fire hazard	✔	
7.3	Enclosure not damaged/deteriorated so as to impair safety	✔	
7.4	Suitability for the environment and external influences	✔	
7.5	Security of fixing	✔	
7.6	Cable entry holes in ceiling above luminaires, sized or sealed so as to restrict the spread of fire List number and location of luminaires inspected. (Separate page)	LIM	
7.7	Recessed luminaires (downlighters)		
	- correct type of lamps fitted	N/A	
	- installed to minimise build-up of heat by use of 'fire rated' fittings, insulation displacement box or similar	N/A	
	- no signs of overheating to surrounding building fabric	✔	
	- no signs of overheating to conductors/terminations	✔	
8.0	**Location(s) containing a bath or shower**		
8.1	Additional protection by RCD not exceeding 30 mA		
	- for low voltage circuits serving the location	C3	
	- for low voltage circuits passing through Zone 1 and Zone 2 not serving the location	C3	
8.2	Where used as a protective measure, requirements for SELV or PELV are met	N/A	
8.3	Shaver sockets comply with BS EN 61558-2-5 formerly BS 3535	N/A	
8.4	Presence of supplementary bonding conductors unless not required by BS 7671: 2008	✔	
8.5	Low voltage (e.g. 230 volts) socket-outlets sited at least 3 m from zone 1	N/A	
8.6	Suitability of equipment for external influences for installed location in terms of IP rating	✔	
8.7	Suitability of equipment for installation in a particular zone	✔	
9.0	**Other special installations or locations - Part 7s**		
9.1	List all other special installations or locations present, if any. (Record the results of particular inspection applied separately).	N/A	

* ***All Outcome boxes must be completed***
'✔' indicates Acceptable condition
'LIM' indicates a Limitation
'N/A' indicates Not applicable
Unacceptable condition state C1 or C2
Improvement recommended state C3
Further investigation required without delay state FI (to determine whether danger or potential danger exists)

Outcome
Provide additional comment where appropriate on attached numbered sheets.
C1, C2, C3 and FI coded items to be recorded in Section F of the report.

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SCHEDULES

Original (To the person ordering the work)

CIRCUIT DETAILS / TEST RESULTS

Circuit number	Circuit designation * To be completed only where this consumer unit is remote from the origin of the installation. Record details of the circuit supplying this consumer unit in the bold box	Type of wiring (see code below)	Reference Method (see Appendix 4 of BS 7671)	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)	Circuit impedances (Ω): Ring final circuits only (measured end to end) r_1 (Line)	r_n (Neutral)	r_2 (cpc)	All circuits (At least one column to be completed) $R_1 + R_2$	R_2	Insulation resistance: Line/Line (MΩ)	Line/Neutral (MΩ)	Line/Earth (MΩ)	Neutral/Earth (MΩ)	Polarity (✓)	Maximum measured earth fault loop impedance, Z_s (Ω)	RCD operating times: at $I_{\Delta n}$ (ms)	at $5I_{\Delta n}$ (if applicable) (ms)	Test button operation (✓)
1	Cooker	A	C	1	6.0	2.5	0.4	60898 MCB	B	32	6	N/A	1.37	N/A	N/A	N/A	0.16	N/A	N/A	>200	>200	>200	✓	0.45	N/A	N/A	
2	Cooker	A	C	1	6.0	2.5	0.4	60898 MCB	B	32	6	N/A	1.37	N/A	N/A	N/A	0.18	N/A	N/A	>200	>200	>200	✓	0.47	N/A	N/A	
3	Boiler	A	C	1	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73	N/A	N/A	N/A	0.29	N/A	N/A	>200	>200	>200	✓	0.58	N/A	N/A	
4	Lights 4.1, 4.2, 4.3, 4.4	A	C	18	1.0	1.0	0.4	60898 MCB	B	6	6	N/A	7.28	N/A	N/A	N/A	0.83	N/A	N/A	>200	>200	>200	✓	1.12	N/A	N/A	
5	Lights 4.5, 4.6, 4.7, 4.8	A	C	18	1.0	1.0	0.4	60898 MCB	B	6	6	N/A	7.28	N/A	N/A	N/A	1.10	N/A	N/A	>200	>200	>200	✓	1.39	N/A	N/A	
6	Lights kitchen and laundry room	A	C	4	1.0	1.0	0.4	60898 MCB	B	6	6	N/A	7.28	N/A	N/A	N/A	0.64	N/A	N/A	>200	>200	>200	✓	0.98	N/A	N/A	
7	Emergency lights and hallway	A	C	8	1.0	1.0	0.4	60898 MCB	B	6	6	N/A	7.28	N/A	N/A	N/A	0.75	N/A	N/A	>200	>200	>200	✓	1.04	N/A	N/A	
8	Spare																										
9	Sockets rooms 4.1, 4.2, 4.3, 4.4	A	C	24	2.5	1.5	0.4	60898 MCB	B	32	6	30	1.37	0.41	0.42	0.61	0.37	N/A	N/A	>200	>200	>200	✓	0.66	41.7	10.6	✓
10	Sockets rooms 4.5, 4.6, 4.7, 4.8 and door release	A	C	24	2.5	1.5	0.4	60898 MCB	B	32	6	30	1.37	0.43	0.41	0.62	0.37	N/A	N/A	>200	>200	>200	✓	0.66	41.7	10.6	✓
11	Sockets in hallway	A	C	8	2.5	1.5	0.4	60898 MCB	B	32	6	30	1.37	0.38	0.38	0.57	0.34	N/A	N/A	>200	>200	>200	✓	0.63	41.7	10.6	✓
12	Sockets kitchen and laundry	A	C	18	2.5	1.5	0.4	60898 MCB	B	32	6	30	1.37	0.34	0.32	0.49	0.26	N/A	N/A	>200	>200	>200	✓	0.55	41.7	10.6	✓

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

Location of consumer unit: In Fourth Floor store cupboard.

Designation of consumer unit: Main DB Fourth Floor

Prospective fault current at consumer unit: 0.83 kA

TEST INSTRUMENTS

Test instruments (serial numbers) used

Multi-functional: 1589042

Insulation resistance: N/A

Continuity: N/A

Earth electrode resistance: N/A

Earth fault loop impedance: N/A

RCD: N/A

APPROVED CONTRACTOR

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F. OBSERVATIONS AND RECOMMENDATIONS FOR ACTIONS TO BE TAKEN

Referring to the attached schedules of inspection and test results, and subject to the limitations at D:

There are no items adversely affecting electrical safety N/A **or** The following observations and recommendations for are made ✔

Item No		Code †
7	Circuit 6 - Absence of RCD protection for cables installed at a depth of less than 50 mm from a surface of a wall or partition where the cables do not incorporate an earthed metallic covering, are not enclosed in earthed metalwork, or are not mechanically protected against penetration by nails and the like.	C3
8	Circuit 7 - Absence of RCD protection for cables installed at a depth of less than 50 mm from a surface of a wall or partition where the cables do not incorporate an earthed metallic covering, are not enclosed in earthed metalwork, or are not mechanically protected against penetration by nails and the like.	C3
9	Circuit 4 - Absence of RCD protection for circuits of a location containing a bath or shower where satisfactory supplementary bonding is present	C3
10	Circuit 5 - Absence of RCD protection for circuits of a location containing a bath or shower where satisfactory supplementary bonding is present	C3

Additional Pages? No ✔ Yes Specify page

†One of the following codes, as appropriate, has been allocated to each of the observations made above to indicate to the person(s) responsible for the installation the degree of urgency for remedial action:

Code C1 ***"Danger Present"*** Risk of injury. Immediate remedial action required.

Code C2 ***"Potentially dangerous"*** Urgent remedial action required.

Code C3 ***"Improvement recommended".***

Code FI ***"Further investigation required without delay".***

Please see the notes for recipient for guidance regarding the Classification codes.

Immediate remedial action required for items:

Urgent remedial action required for items:

Further investigation required for items:

Improvement recommended for items: 3, 4, 5, 6, 7, 8, 1, 2, 9, 10