Electrical Installation Condition Report

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

Information for recipients:

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

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

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

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

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

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

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

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

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

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

ELECTRICAL INSTALLATION CONDITION REPORT

FT/EICR 110147629

Requirements for Electrical Installations
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phs Compliance

A. Details of the Installation

Client	UPP Residential Services Ltd	Installation	Swansea University Bay Campus - Elinor 14
Address	First Floor 12 Arthur Street London,	Address	Reception - Ground Floor Tower Information Centre Fabian Way, Crymlyn Burrows Swansea
Postcode	EC4R 9AB	Postcode	SA1 8EN

B. Reason for Producing this Report

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

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

Date(s) on which the inspection and testing were carried out 11/07/2022 to 12/07/2022

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

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

Estimated age of the wiring system 5 years

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

Records of installation available Yes ☐ No ☑ Records held by

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

D. Extent of Electrical Installation Covered by this Report:

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

Agreed Limitations and Operational Limitations (Regulations 653.2)

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

Agreed with: Grant Adams

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

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

E. Summary of the Condition of the Installation

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

Installation DetailsThe installation approximately 5Origin of Supply **--Please see Continuation Page--**

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

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

F. Recommendations

Where the overall assessment of the suitability of the installation for continued use above is stated as UNSATISFACTORY I/we recommend that any observations classified as *'Danger present'* **(code C1)** or *'Potential dangerous'* **(code C2)** are acted upon as a matter of urgency. Investigation without delay is recommended for observations identified as *'Further Investigation required'* **(code FI)**. Observations classified as *'Improvement recommended'* **(code C3)** should be given due consideration. Subject to the necessary remedial action being taken, I/we recommend that the installation is further inspected and tested by 11/07/2027 (date)

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G. Declaration

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

		Inspected and tested by	Authorised for issue by
Company	PHS Compliance		
Address	Kid Glove Road, Golborne, Warrington,	Name: Liam Kimble	Nigel Carvell
		Signature:	
Postcode	WA3 3GR		
Branch No.		Position: Electrical Test Engineer	Technical Auditor
Scheme No.		Date: 11/07/2022	10/08/2022

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

H. Schedule(s)

1 schedule(s) of inspection and 83 schedule(s) of test results are attached.

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

I. Supply Characteristics and Earthing Arrangements

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

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

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

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

Prospective fault current, I_{pf} (2) 4.2 kA External loop impedance, Z_e (2) 0.11 Ω

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

No. of Additional Supplies N/A

J. Particulars of Installation Referred to in this Report

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

Location Electrode resistance to earth Ω

Means of Earthing

Distributors facility ☑ Installation Earth Electrode ☐

Maximum Demand (load) LIM Amps ☐ KVA ☐

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

	Material	csa		(connection / continuity)	(✓) or Value		(✓) or Value	
Main Supply Conductor	Copper	120	mm²					
Main Switch Location	Mains Room		mm²	Water installation	☑ Ω		To structural steel	☑ Ω
Fuse/device rating or setting	400 A	Voltage rating	400 V	Gas installation pipes	☑ Ω		To lightning protection	NA Ω
If RCD main switch:	Rated residual operating current I Δn		N/A mA	Oil installation pipes	NA Ω		Other	NA Ω

BS(EN) 60947-3 No. of Poles 4 Current Rating 400 A Rated time delay N/A ms Measured operating trip time N/A ms

K. Observations

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

☐ No remedial work required

☑ The following observations are made

Explanation of codes

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

Item No.	Observations	Code
1	Observation: Damaged socket, earth pin broke by entrance Location: DB LL1 CCT 1/L2 Regulation: 416.2	C2
2	Observation: Screws missing from DB cover, cover still secure. Location: DB PL Regulation: 416.2.3	C3
3	Observation: Screws missing from Accessory Location: DB PL 3/L3 Regulation: 416.2.3	C3
4	Observation: Screws missing from Accessory Location: Outside socket roof space Regulation: 416.2.3	C3

5	Observation: Screws missing from conduit lid Location: DB PL CCT 2/L3 Regulation: 416.2.3	C3
6	Observation: Conduit lid is missing. Location: Plant room behind control panel Regulation: 521.10.1	C3
7	Observation: No mechanical protection for single insulated cables. 35mm Location: Plant room behind control panel Regulation: 521.10.1	C2
8	Observation: Cables are not adequately supported. cable clips needed Location: OS2 Controller Regulation: 522.8.4	C3
9	Observation: Circuit isolated at time of test. Further investigation is required to determine reason for isolation and steps taken to prevent the circuit from being inadvertently energized. Location: MSP CCT 1/TP Regulation: 537.2.4	FI
10	Observation: Over rated over current protective device in relation to the current carrying capacity of the connected. 70 degrees current carrying capacity tables have been used as the cables are installed with lower rated cables. Location: MSP CCT 6/TP Regulation: 433.1.1	C2
11	Observation: Circuit isolated at time of test. Further investigation is required to determine reason for isolation and steps taken to prevent the circuit from being inadvertently energized. Location: DB PL CCT 12/TP Regulation: 537.2.4	FI

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

C1 Danger present. Risk of Injury. Immediate remedial action required.	
C2 Potentially dangerous. Urgent remedial action required.	1, 7, 10
C3 Improvement recommended.	2, 3, 4, 5, 6, 8
FI Further Investigation required without delay	9, 11

Requirements for Electrical Installations
BS7671:2018+A2:2022 (IET Wiring Regulations 18th Edition)

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Outcomes

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

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

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

8.4	Non-sheathed cables protected by enclosure in conduit, ducting or trunking. (521.10.1)	✓
8.4.1	To include the integrity of conduit and trunking systems (metallic and plastic)	✓
8.5	Adequacy of cables for current-carrying capacity with regard for the type and nature of installation (Section 523)	✓
8.6	Coordination between conductors and overload protective devices (433.1; 533.2.1)	C2
8.7	Adequacy of protective devices: type and rated current for fault protection (411.3)	✓
8.8	Presence and adequacy of circuit protective conductors (411.3.1; Section 543)	✓
8.9	Wiring system(s) appropriate for the type and nature of the installation and external influences (Section 522)	✓
8.10	Connected cables installed in prescribed zones (see Section D. Extent and limitations) (522.6.202)	✓
8.11	Cables concealed under floors, above ceilings or in walls/partitions, adequately protected against damage (522.6.204)	✓
8.12	**Provision of additional requirements for protection by RCD not exceeding 30 mA:**	
8.12.1	For all socket-outlets of rating 32 A or less unless exempt (4.11.3.3)	✓
8.12.2	For the supply of Mobile equipment not exceeding 32 A rating for use outdoors (411.3.3)	✓
8.12.3	For cables concealed in walls at a depth of less than 50 mm (522.6.202; 522.6.203)	✓
8.12.4	For cables concealed in walls/partitions containing metal parts regardless of depth (522.6.203)	✓
8.12.5	For circuits supplying luminaires within domestic (household) premises (411.3.4)	✓
8.13	Provision of fire barriers, sealing arrangements and protection against thermal effects (Section 527)	✓
8.14	Band II cables segregated/separated from Band I cables (528.1)	✓
8.15	Cables segregated/separated from communications cabling (528.2)	✓
8.16	Cables segregated/separated from non-electrical services (528.3)	✓
8.17	**Termination of cables at enclosures - indicate extent of sampling in section d of the report (section 526)**	
8.17.1	Connections soundly made and under no undue strain (526.6)	✓
8.17.2	No basic insulation of a conductor visible outside enclosure (526.8)	C2
8.17.3	Connections of live conductors adequately enclosed (526.5)	✓
8.17.4	Adequately connected at point of entry to enclosure (glands, bushes etc.) (522.8.5)	✓
8.18	Condition of accessories including socket-outlets, switches and joint boxes (651.2 (v))	✓
8.19	Suitability of accessories for external influences (512.2)	✓
8.20	Adequacy or working space/accessibility to equipment (132.12; 513.1)	✓
8.21	Single-pole switching or protective devices in line conductors only (132.14.1; 530.3.3)	✓
9.0 ISOLATION AND SWITCHING		
9.1	**Isolators (Section 460; 537)**	
9.1.1	Presence and condition of appropriate devices (462; 537.2.7)	✓
9.1.2	Acceptable location - state if local or remote from equipment in question (462; 537.2.7)	✓
9.1.3	Capable of being secured in the OFF position (462.3)	✓
9.1.4	Correct operation verified (643.10)	✓
9.1.5	Clearly identified by position and/or durable marking (537.2.6)	✓
9.1.6	Warning label posted in situations where live parts cannot be isolated by the operation of a single device (514.11.1; 537.1.2)	✓
9.2	**Switching off for mechanical maintenance (Section 464; 537.3.2)**	
9.2.1	Presence and condition of appropriate devices (464.1; 527.3.2)	✓
9.2.2	Acceptable location - state if local or remote from equipment in question (537.3.2.4)	✓
9.2.3	Capable of being secured in the OFF position (462.3)	✓
9.2.4	Correct operation verified (643.10)	✓
9.2.5	Clearly identified by position and/or durable marking (537.3.2.4)	✓
9.3	**Emergency switching/stopping (465; 537.3.3)**	
9.3.1	Presence and condition of appropriate devices (Section 465; 537.3.3; 537.4)	✓
9.3.2	Readily accessible for operation where danger might occur (537.3.3.6)	✓
9.3.3	Correct operation verified (643.10)	✓
9.3.4	Clearly identified by position and/or durable marking (537.3.3.6)	✓
9.4	**Functional switching (section 463; 537.3.1)**	
9.4.1	Presence and condition of appropriate devices (537.3.1.1; 537.3.1.2)	✓
9.4.2	Correct operation verified (537.3.1.1; 537.3.1.2)	✓
10.0 CURRENT-USING EQUIPMENT (PERMANENTLY CONNECTED)		
10.1	Condition of equipment in terms of IP rating etc (416.2)	✓
10.2	Equipment does not constitute a fire hazard (Section 421)	✓
10.3	Enclosure not damaged/deteriorated so as to impair safety (134.1.1; 416.2; 512.2)	✓
10.4	Suitability for the environment and external influences (512.2)	✓
10.5	Security of fixing (134.1.1)	✓
10.6	Cable entry holes in ceiling above luminaires, sized or sealed so as to restrict the spread of fire: List number and location of luminaires inspected (separate page) (527.2)	✓
10.7	**Recessed luminaires (downlighters)**	
10.7.1	Correct type of lamps fitted (559.3.1)	✓
10.7.2	Installed to minimize build-up of heat by use of "fire rated" fittings, insulation displacement box or similar (421.1.2)	✓
10.7.3	No signs of overheating to surrounding building fabric (559.4.1)	✓

10.7.4	No signs of overheating to conductors/terminations (526.1)	✓

11.0 PART 7 SPECIAL INSTALLATIONS OR LOCATIONS

11.01	If any special installations or locations are present, list the particular inspections applied.	N/A

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

12.1	External earth loop impedance, Z_e	Yes
12.2	Installation earth electrode	Yes
12.3	Prospective fault current, I_{pf}	Yes
12.4	Continuity of Earth Conductors	Yes
12.5	Continuity of Circuit Protective Conductors	Yes
12.6	Continuity of ring final circuit	Yes
12.7	Continuity of Protective Bonding Conductors	Yes
12.8	Volt drop verified	Yes
12.9	Insulation Resistance between Live Conductors	Yes
12.10	Insulation Resistance between Live Conductors & Earth	Yes
12.11	Polarity (prior to energisation)	Yes
12.12	Polarity (after energisation) including phase sequence	Yes
12.13	Earth Fault Loop Impedance	Yes
12.14	RCDs/RCBOs including selectivity	Yes
12.15	Functional testing of RCD devices	Yes
12.16	Functional testing of AFDD(s) devices	N/A

Inspector's Name: Liam Kimble

Signature: 

Date: 12/07/2022

ELECTRICAL INSTALLATION CONDITION REPORT - Schedule of Tests

FT/EICR 110147629

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

phs Compliance

Company Name	PHS Compliance	**Company Address**	Kid Glove Road	**Postcode**	WA3 3GR	**Branch No.**		**Scheme No.**	
Client	UPP Residential Services Ltd	**Installation Address**	Swansea University Bay Campus - Elinor 14, Reception - Ground Floor Tower Information Centre, Fabian Way, Crymlyn Burrows, Swansea	**Postcode**	SA1 8EN				

Distribution board details - Complete in every case

Location: Room 4 Riser 7th Floor [Schneider]
Designation: DB CL8/7-2
Num. of ways: 4 Num. of phases: 1
Supply polarity confirmed: ☑ Phase sequence confirmed: ☐

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

Supply to distribution board is from: Sub Mains(DB CL8, 7/L1)
Overcurrent protective device for the distribution circuit: BS(EN) 61009 RCD/RCBO Type C Rating 32 A Voltage 230 V

Characteristics at this distribution board

Associated RCD(if any): BS (EN) 61009
Z_d 0.39 Ω
I_{pf} 0.59 kA
Time delay (if applicable) N/A
Operating at 1 IΔn 28.8 ms
No. of poles 2
IΔn 30
Operating at 5 IΔn 28.8 ms
Above 30mA (if applicable)
30mA or below

Test instrument serial number(s)

Loop impedance 080408/5657
Insulation resistance 080408/5657
Continuity 080408/5657
RCD 080408/5657

CIRCUIT DETAILS / TEST RESULTS

Circuit No. and Line No.	Distribution board Designation / Circuit designation	Type of wiring	Ref. method	No. of points	Circuit conductors csa (mm²) L / N	Circuit conductors csa (mm²) CPC	Maximum disconnection	Overcurrent protective devices BS EN Number	Overcurrent protective devices Type No.	Overcurrent protective devices Rating (A)	Breaking capacity (KA)	RCD operating (mA)	BS 7671 Max. permitted Zs Other 80% (Ω)	Circuit impedance Ω Ring final circuits only (measured end-to-end) r1	r2	rn	Fig 8 check (✓)	All circuits to be completed using R1R2 or R2, not both R1 + R2	R2	Insulation resistance (Record lower reading) Test voltage V	L/L, L/N M(Ω)	L/E, N/E M(Ω)	Polarity (✓)	Max. Measured Zs (Ω)	RCD testing Above 30mA IΔn ms	30mA or below 5 IΔn ms	Manual test button operation RCD (✓)	AFDD (✓)
1/L1	Room 4 Sockets	A	B	6	2.5	1.5	0.4	60898 MCB	B	10	6	N/A	3.49	N/A	N/A	N/A	N/A	0.22	N/A	250	LIM	>299	✓	0.69	N/A	N/A	N/A	N/A
2/L1	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
3/L1	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
4/L1	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Details of circuits and/or installed equipment vulnerable to damage when testing: Date(s) dead testing 11/07/2022 To 11/07/2022 Date(s) live testing 11/07/2022 To 11/07/2022

Tested by: Name (capital letters) LIAM KIMBLE Position Electrical Test Engineer Date 11/07/2022 Signature

Wiring Types. **A** PVC/PVC, **B** PVC cables in metallic Conduit, **C** PVC cables in non-metallic Conduit, **D** PVC cables in metallic trunking, **E** PVC cables in non-metallic trunking, **F** PVC/SWA cables, **G** SWA/XPLE cables, **H** Mineral Insulated, **MW** Metal Work, **FM** Ferrous Metal, **O** Other

ELECTRICAL INSTALLATION CONDITION REPORT - Schedule of Tests

FT/EICR: 110147629

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

phs Compliance

Company Name	PHS Compliance	**Company Address**	Kid Glove Road	**Postcode**	WA3 3GR	**Branch No.**		**Scheme No.**	
Client	UPP Residential Services Ltd	**Installation Address**	Swansea University Bay Campus - Elinor 14, Reception - Ground Floor Tower Information Centre, Fabian Way, Crymlyn Burrows, Swansea					**Postcode**	SA1 8EN

Distribution board details - Complete in every case

Location: Room 8 Riser 7th Floor [Schneider]
Designation: DB CL8/9-2
Num. of ways: 4 Num. of phases: 1
Supply polarity confirmed: ☑ Phase sequence confirmed: ☐

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

Supply to distribution board is from: Sub Mains(DB CL8, 9/L1)
Overcurrent protective device for the distribution circuit: BS(EN) 61009 RCD/RCBO Type C Rating 32 A Voltage 230 V

Characteristics at this distribution board

Associated RCD(if any): BS (EN) 61009
Z_d 0.35 Ω No. of poles 2
I_{pf} 0.64 kA IΔn 30
Time delay (if applicable) N/A
Above 30mA (if applicable): Operating at 1 IΔn 28.6 ms
30mA or below: Operating at 5 IΔn 28.5 ms

Test instrument serial number(s)

Loop impedance: 080408/5657
Insulation resistance: 080408/5657
Continuity: 080408/5657
RCD: 080408/5657

CIRCUIT DETAILS / TEST RESULTS

Circuit No. and Line No.	Distribution board Designation / Circuit designation	Type of wiring	Ref. method	No. of points	Circuit conductors csa (mm²) L / N	Circuit conductors csa (mm²) CPC	Maximum disconnection	Overcurrent protective devices BS EN Number	Overcurrent protective devices Type No.	Overcurrent protective devices Rating (A)	Breaking capacity (KA)	RCD operating (mA)	BS 7671 Max. permitted Zs Other 80% (Ω)	Circuit impedance Ω Ring final circuits only (measured end-to-end) r1	rn	r2	Fig 8 check (✓)	All circuits to be completed using R1R2 or R2, not both R1 + R2	R2	Insulation resistance (Record lower reading) Test voltage V	L/L, L/N M(Ω)	L/E, N/E M(Ω)	Polarity (✓)	Max. Measured Zs (Ω)	RCD testing Above 30mA IΔn ms	RCD testing 30mA or below 5 IΔn ms	Manual test button operation RCD (✓)	Manual test button operation AFDD (✓)
1/L1	Room 9 Sockets	A	B	6	2.5	1.5	0.4	60898 MCB	B	10	6	N/A	3.49	N/A	N/A	N/A	N/A	0.19	N/A	250	LIM	>299	✓	0.62	N/A	N/A	N/A	N/A
2/L1	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
3/L1	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
4/L1	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Details of circuits and/or installed equipment vulnerable to damage when testing: Date(s) dead testing 11/07/2022 To 11/07/2022 Date(s) live testing 11/07/2022 To 11/07/2022

Tested by: Name (capital letters) LIAM KIMBLE Position Electrical Test Engineer Date 11/07/2022 Signature

Wiring Types. **A** PVC/PVC, **B** PVC cables in metallic Conduit, **C** PVC cables in non-metallic Conduit, **D** PVC cables in metallic trunking, **E** PVC cables in non-metallic trunking, **F** PVC/SWA cables, **G** SWA/XPLE cables, **H** Mineral Insulated, **MW** Metal Work, **FM** Ferrous Metal, **O** Other

ELECTRICAL INSTALLATION CONDITION REPORT - Schedule of Tests

FT/EICR 110147629

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

phs Compliance

Company Name	PHS Compliance	**Company Address**	Kid Glove Road	**Postcode**	WA3 3GR	**Branch No.**		**Scheme No.**	
Client	UPP Residential Services Ltd	**Installation Address**	Swansea University Bay Campus - Elinor 14, Reception - Ground Floor Tower Information Centre, Fabian Way, Crymlyn Burrows, Swansea	**Postcode**	SA1 8EN				

Distribution board details - Complete in every case

Location: Room 9 Riser 5th Floor [Schneider]
Designation: DB CL6/9-2
Num. of ways: 4 Num. of phases: 1
Supply polarity confirmed: ☑ Phase sequence confirmed: ☐

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

Supply to distribution board is from: Sub Mains(DB CL/6, 9/L2)
Overcurrent protective device for the distribution circuit: BS(EN) 61009 RCD/RCBO Type C Rating 32 A Voltage 400/230 V

Characteristics at this distribution board

Associated RCD(if any): BS (EN) 61009
Z_d 0.40 Ω No. of poles 2
I_{pf} 0.58 kA IΔn 30
Time delay (if applicable) N/A
Above 30mA (if applicable): Operating at 1 IΔn 29.2 ms
30mA or below: Operating at 5 IΔn 18.4 ms

Test instrument serial number(s)

Loop impedance 080408/5657
Insulation resistance 080408/5657
Continuity 080408/5657
RCD 080408/5657

CIRCUIT DETAILS / TEST RESULTS

Circuit No. and Line No.	Distribution board Designation / Circuit designation	Type of wiring	Ref. method	No. of points	Circuit conductors csa (mm²) L / N	Circuit conductors csa (mm²) CPC	Maximum disconnection	Overcurrent protective devices BS EN Number	Overcurrent protective devices Type No.	Overcurrent protective devices Rating (A)	Breaking capacity (KA)	RCD operating (mA)	BS 7671 Max. permitted Zs Other 80% (Ω)	Circuit impedance Ω Ring final circuits only (measured end-to-end) r1	r2	rn	Fig 8 check (✓)	All circuits to be completed using R1R2 or R2, not both R1 + R2	R2	Insulation resistance (Record lower reading) Test voltage V	L/L, L/N M(Ω)	L/E, N/E M(Ω)	Polarity (✓)	Max. Measured Zs (Ω)	RCD testing Above 30mA IΔn ms	RCD testing 30mA or below 5 IΔn ms	Manual test button operation RCD (✓)	AFDD (✓)
1/L2	Room 9 Sockets	A	B	6	2.5	1.5	0.4	60898 MCB	B	10	6	N/A	3.49	N/A	N/A	N/A	N/A	0.14	N/A	250	LIM	>299	✓	0.59	N/A	N/A	N/A	N/A
2/L2	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
3/L2	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
4/L2	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

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

Date(s) dead testing 11/07/2022 To 11/07/2022

Date(s) live testing 11/07/2022 To 11/07/2022

Tested by: Name (capital letters) LIAM KIMBLE Position Electrical Test Engineer Date 11/07/2022

Signature

Wiring Types. **A** PVC/PVC, **B** PVC cables in metallic Conduit, **C** PVC cables in non-metallic Conduit, **D** PVC cables in metallic trunking, **E** PVC cables in non-metallic trunking, **F** PVC/SWA cables, **G** SWA/XPLE cables, **H** Mineral Insulated, **MW** Metal Work, **FM** Ferrous Metal, **O** Other

ELECTRICAL INSTALLATION CONDITION REPORT - Schedule of Tests

FT/EICR: 110147629

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

phs Compliance

Company Name	PHS Compliance	**Company Address**	Kid Glove Road	**Postcode**	WA3 3GR	**Branch No.**		**Scheme No.**	
Client	UPP Residential Services Ltd	**Installation Address**	Swansea University Bay Campus - Elinor 14, Reception - Ground Floor Tower Information Centre, Fabian Way, Crymlyn Burrows, Swansea					**Postcode**	SA1 8EN

Distribution board details - Complete in every case

Location: Room 8 Riser 4th Floor [Schneider]
Designation: DB CL5/9-1
Num. of ways: 4 Num. of phases: 1
Supply polarity confirmed: ☑ Phase sequence confirmed: ☐

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

Supply to distribution board is from: Sub Mains(DB CL5, 9/L1)
Overcurrent protective device for the distribution circuit: BS(EN) 61009 RCD/RCBO Type C Rating 32 A Voltage 230 V

Characteristics at this distribution board

Associated RCD(if any): BS (EN) 61009
Z_d 0.44 Ω No. of poles 2
I_{pf} 0.51 kA IΔn 30
Time delay (if applicable) N/A
Above 30mA (if applicable): Operating at 1 IΔn 32.5 ms
30mA or below: Operating at 5 IΔn 18.8 ms

Test instrument serial number(s)

Loop impedance: 080408/5657
Insulation resistance: 080408/5657
Continuity: 080408/5657
RCD: 080408/5657

CIRCUIT DETAILS / TEST RESULTS

Circuit No. and Line No.	Distribution board Designation / Circuit designation	Type of wiring	Ref. method	No. of points	Circuit conductors csa (mm²) L / N	Circuit conductors csa (mm²) CPC	Maximum disconnection	Overcurrent protective devices BS EN Number	Overcurrent protective devices Type No.	Overcurrent protective devices Rating (A)	Breaking capacity (KA)	RCD operating (mA)	BS 7671 Max. permitted Zs Other 80% (Ω)	Circuit impedance Ω Ring final circuits only (measured end-to-end) r1	rn	r2	Fig 8 check (✓)	All circuits to be completed using R1R2 or R2, not both R1 + R2	R2	Insulation resistance (Record lower reading) Test voltage V	L/L, L/N M(Ω)	L/E, N/E M(Ω)	Polarity (✓)	Max. Measured Zs (Ω)	RCD testing Above 30mA IΔn ms	RCD testing 30mA or below 5 IΔn ms	Manual test button operation RCD (✓)	Manual test button operation AFDD (✓)
1/L1	Room 8 Sockets	A	B	6	2.5	1.5	0.4	60898 MCB	B	10	6	N/A	3.49	N/A	N/A	N/A	N/A	0.10	N/A	250	LIM	>299	✓	0.55	N/A	N/A	N/A	N/A
2/L1	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
3/L1	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
4/L1	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Details of circuits and/or installed equipment vulnerable to damage when testing: Date(s) dead testing 11/07/2022 To 11/07/2022 Date(s) live testing 11/07/2022 To 11/07/2022

Tested by: Name (capital letters) LIAM KIMBLE Position Electrical Test Engineer Date 11/07/2022 Signature

Wiring Types. **A** PVC/PVC, **B** PVC cables in metallic Conduit, **C** PVC cables in non-metallic Conduit, **D** PVC cables in metallic trunking, **E** PVC cables in non-metallic trunking, **F** PVC/SWA cables, **G** SWA/XPLE cables, **H** Mineral Insulated, **MW** Metal Work, **FM** Ferrous Metal, **O** Other

ELECTRICAL INSTALLATION CONDITION REPORT - Schedule of Tests

FT/EICR: 110147629

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

phs Compliance

Company Name	PHS Compliance	**Company Address**	Kid Glove Road	**Postcode**	WA3 3GR	**Branch No.**		**Scheme No.**	
Client	UPP Residential Services Ltd	**Installation Address**	Swansea University Bay Campus - Elinor 14, Reception - Ground Floor Tower Information Centre, Fabian Way, Crymlyn Burrows, Swansea	**Postcode**	SA1 8EN				

Distribution board details - Complete in every case

Location: Room 8 Riser 6th Floor [Schneider]
Designation: DB CL7/9-1
Num. of ways: 4 Num. of phases: 1
Supply polarity confirmed: ☑ Phase sequence confirmed: ☐

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

Supply to distribution board is from: Sub Mains(DB CL7, 9/L3)
Overcurrent protective device for the distribution circuit: BS(EN) 61009 RCD/RCBO Type C Rating 32 A Voltage 230 V

Characteristics at this distribution board

Associated RCD(if any): BS (EN) 61009
Z_d 0.41 Ω No. of poles 2
I_{pf} 0.58 kA IΔn 30
Time delay (if applicable) N/A
Above 30mA (if applicable): Operating at 1 IΔn 28.6 ms
30mA or below: Operating at 5 IΔn 28.7 ms

Test instrument serial number(s)

Loop impedance: 080408/5657
Insulation resistance: 080408/5657
Continuity: 080408/5657
RCD: 080408/5657

CIRCUIT DETAILS / TEST RESULTS

Circuit No. and Line No.	Distribution board Designation / Circuit designation	Type of wiring	Ref. method	No. of points	Circuit conductors csa (mm²) L / N	Circuit conductors csa (mm²) CPC	Maximum disconnection	Overcurrent protective devices BS EN Number	Overcurrent protective devices Type No.	Overcurrent protective devices Rating (A)	Breaking capacity (KA)	RCD operating (mA)	BS 7671 Max. permitted Zs Other 80% (Ω)	Circuit impedance Ω Ring final circuits only (measured end-to-end) r1	rn	r2	Fig 8 check (✓)	All circuits to be completed using R1R2 or R2, not both R1 + R2	R2	Insulation resistance (Record lower reading) Test voltage V	L/L, L/N M(Ω)	L/E, N/E M(Ω)	Polarity (✓)	Max. Measured Zs (Ω)	RCD testing Above 30mA IΔn ms	RCD testing 30mA or below 5 IΔn ms	Manual test button operation RCD (✓)	Manual test button operation AFDD (✓)
1/L3	Room 8 Sockets	A	B	6	2.5	1.5	0.4	60898 MCB	B	10	6	N/A	3.49	N/A	N/A	N/A	N/A	0.21	N/A	250	LIM	>299	✓	0.77	N/A	N/A	N/A	N/A
2/L3	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
3/L3	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
4/L3	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Details of circuits and/or installed equipment vulnerable to damage when testing: Date(s) dead testing 11/07/2022 To 11/07/2022 Date(s) live testing 11/07/2022 To 11/07/2022

Tested by: Name (capital letters) LIAM KIMBLE Position Electrical Test Engineer Date 11/07/2022 Signature

Wiring Types. **A** PVC/PVC, **B** PVC cables in metallic Conduit, **C** PVC cables in non-metallic Conduit, **D** PVC cables in metallic trunking, **E** PVC cables in non-metallic trunking, **F** PVC/SWA cables, **G** SWA/XPLE cables, **H** Mineral Insulated, **MW** Metal Work, **FM** Ferrous Metal, **O** Other

ELECTRICAL INSTALLATION CONDITION REPORT - Schedule of Tests

FT/EICR 110147629

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

phs Compliance

Company Name	PHS Compliance	**Company Address**	Kid Glove Road	**Postcode**	WA3 3GR	**Branch No.**		**Scheme No.**	
Client	UPP Residential Services Ltd	**Installation Address**	Swansea University Bay Campus - Elinor 14, Reception - Ground Floor Tower Information Centre, Fabian Way, Crymlyn Burrows, Swansea					**Postcode**	SA1 8EN

Distribution board details - Complete in every case

Location: Room 6 Riser 5th Floor [Schneider]
Designation: DB CL6/8-1
Num. of ways: 4 Num. of phases: 1
Supply polarity confirmed: ☑ Phase sequence confirmed: ☐

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

Supply to distribution board is from: Sub Mains(DB CL/6, 8/L2)
Overcurrent protective device for the distribution circuit: BS(EN) 61009 RCD/RCBO Type C Rating 32 A Voltage 230 V

Characteristics at this distribution board

Associated RCD(if any): BS (EN) 61009
Z_d 0.36 Ω No. of poles 2
I_{pf} 0.67 kA IΔn 30
Time delay (if applicable) N/A
Above 30mA (if applicable): Operating at 1 IΔn 33.5 ms
30mA or below: Operating at 5 IΔn 22.0 ms

Test instrument serial number(s)

Loop impedance 080408/5657
Insulation resistance 080408/5657
Continuity 080408/5657
RCD 080408/5657

CIRCUIT DETAILS / TEST RESULTS

Circuit No. and Line No.	Distribution board Designation / Circuit designation	Type of wiring	Ref. method	No. of points	Circuit conductors csa (mm²) L / N	Circuit conductors csa (mm²) CPC	Maximum disconnection	Overcurrent protective devices BS EN Number	Overcurrent protective devices Type No.	Overcurrent protective devices Rating (A)	Breaking capacity (KA)	RCD operating (mA)	BS 7671 Max. permitted Zs Other 80% (Ω)	Circuit impedance Ω Ring final circuits only (measured end-to-end) r1	r2	rn	Fig 8 check (✓)	All circuits to be completed using R1R2 or R2, not both R1 + R2	R2	Insulation resistance (Record lower reading) Test voltage V	L/L, L/N M(Ω)	L/E, N/E M(Ω)	Polarity (✓)	Max. Measured Zs (Ω)	RCD testing Above 30mA IΔn ms	30mA or below 5 IΔn ms	Manual test button operation RCD (✓)	AFDD (✓)
1/L2	Room 6 Sockets	A	B	6	2.5	1.5	0.4	60898 MCB	B	10	6	N/A	3.49	N/A	N/A	N/A	N/A	0.15	N/A	250	LIM	>299	✓	0.48	N/A	N/A	N/A	N/A
2/L2	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
3/L2	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
4/L2	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Details of circuits and/or installed equipment vulnerable to damage when testing: Date(s) dead testing 11/07/2022 To 11/07/2022 Date(s) live testing 11/07/2022 To 11/07/2022

Tested by: Name (capital letters) LIAM KIMBLE Position Electrical Test Engineer Date 11/07/2022 Signature

Wiring Types. **A** PVC/PVC, **B** PVC cables in metallic Conduit, **C** PVC cables in non-metallic Conduit, **D** PVC cables in metallic trunking, **E** PVC cables in non-metallic trunking, **F** PVC/SWA cables, **G** SWA/XPLE cables, **H** Mineral Insulated, **MW** Metal Work, **FM** Ferrous Metal, **O** Other

ELECTRICAL INSTALLATION CONDITION REPORT - Schedule of Tests

FT/EICR: 110147629

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

Company Name	PHS Compliance	**Company Address**	Kid Glove Road	**Postcode**	WA3 3GR	**Branch No.**		**Scheme No.**	
Client	UPP Residential Services Ltd	**Installation Address**	Swansea University Bay Campus - Elinor 14, Reception - Ground Floor Tower Information Centre, Fabian Way, Crymlyn Burrows, Swansea					**Postcode**	SA1 8EN

Distribution board details - Complete in every case

Location: Room 8 Riser 7th Floor [Schneider]
Designation: DB CL8/9-1
Num. of ways: 4 Num. of phases: 1
Supply polarity confirmed: ☑ Phase sequence confirmed: ☐

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

Supply to distribution board is from: Sub Mains(DB CL8, 9/L1)
Overcurrent protective device for the distribution circuit: BS(EN) 61009 RCD/RCBO Type C Rating 32 A Voltage 230 V

Characteristics at this distribution board

Associated RCD(if any): BS (EN) 61009
Z_d 0.35 Ω No. of poles 2
I_{pf} 0.64 kA IΔn 30
Time delay (if applicable) N/A
Above 30mA (if applicable): Operating at 1 IΔn 28.6 ms
30mA or below: Operating at 5 IΔn 28.5 ms

Test instrument serial number(s)

Loop impedance: 080408/5657
Insulation resistance: 080408/5657
Continuity: 080408/5657
RCD: 080408/5657

CIRCUIT DETAILS / TEST RESULTS

Circuit No. and Line No.	Distribution board Designation / Circuit designation	Type of wiring	Ref. method	No. of points	Circuit conductors csa (mm²) L / N	Circuit conductors csa (mm²) CPC	Maximum disconnection	Overcurrent protective devices BS EN Number	Overcurrent protective devices Type No.	Overcurrent protective devices Rating (A)	Breaking capacity (KA)	RCD operating (mA)	BS 7671 Max. permitted Zs Other 80% (Ω)	Circuit impedance Ω Ring final circuits only (measured end-to-end) r1	r1	rn	r2	Fig 8 check (✓)	All circuits to be completed using R1R2 or R2, not both R1 + R2	R2	Insulation resistance (Record lower reading) Test voltage V	L/L, L/N M(Ω)	L/E, N/E M(Ω)	Polarity (✓)	Max. Measured Zs (Ω)	RCD testing Above 30mA IΔn ms	RCD testing 30mA or below 5 IΔn ms	Manual test button operation RCD (✓)	AFDD (✓)
1/L1	Room 8 Sockets	A	B	6	2.5	1.5	0.4	60898 MCB	B	10	6	N/A	3.49	N/A	N/A	N/A	N/A	0.33	N/A	250	LIM	>299	✓	0.75	N/A	N/A	N/A	N/A
2/L1	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
3/L1	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
4/L1	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Details of circuits and/or installed equipment vulnerable to damage when testing: Date(s) dead testing 11/07/2022 To 11/07/2022 Date(s) live testing 11/07/2022 To 11/07/2022

Tested by: Name (capital letters) LIAM KIMBLE Position Electrical Test Engineer Date 11/07/2022 Signature

Wiring Types. **A** PVC/PVC, **B** PVC cables in metallic Conduit, **C** PVC cables in non-metallic Conduit, **D** PVC cables in metallic trunking, **E** PVC cables in non-metallic trunking, **F** PVC/SWA cables, **G** SWA/XPLE cables, **H** Mineral Insulated, **MW** Metal Work, **FM** Ferrous Metal, **O** Other

ELECTRICAL INSTALLATION CONDITION REPORT - Schedule of Tests

FT/EICR: 110147629

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

phs Compliance

Company Name	PHS Compliance	**Company Address**	Kid Glove Road	**Postcode**	WA3 3GR	**Branch No.**		**Scheme No.**	
Client	UPP Residential Services Ltd	**Installation Address**	Swansea University Bay Campus - Elinor 14, Reception - Ground Floor Tower Information Centre, Fabian Way, Crymlyn Burrows, Swansea	**Postcode**	SA1 8EN				

Distribution board details - Complete in every case

Location: Room 5 Riser 5th Floor [Schneider]
Designation: DB CL6/8
Num. of ways: 4 Num. of phases: 1
Supply polarity confirmed: ☑ Phase sequence confirmed: ☐

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

Supply to distribution board is from: Sub Mains(DB CL/6, 8/L2)
Overcurrent protective device for the distribution circuit: BS(EN) 61009 RCD/RCBO Type C Rating 32 A Voltage 230 V

Characteristics at this distribution board

Associated RCD(if any): BS (EN) 61009
Z_d 0.36 Ω No. of poles 2
I_{pf} 0.64 kA IΔn 30
Time delay (if applicable) N/A
Above 30mA (if applicable): Operating at 1 IΔn 33.5 ms
30mA or below: Operating at 5 IΔn 22.0 ms

Test instrument serial number(s)

Loop impedance: 080408/5657
Insulation resistance: 080408/5657
Continuity: 080408/5657
RCD: 080408/5657

CIRCUIT DETAILS / TEST RESULTS

Circuit No. and Line No.	Distribution board Designation / Circuit designation	Type of wiring	Ref. method	No. of points	Circuit conductors csa (mm²) L / N	Circuit conductors csa (mm²) CPC	Maximum disconnection	Overcurrent protective devices BS EN Number	Overcurrent protective devices Type No.	Overcurrent protective devices Rating (A)	Breaking capacity (KA)	RCD operating (mA)	BS 7671 Max. permitted Zs Other 80% (Ω)	Circuit impedance Ω Ring final circuits only (measured end-to-end) r1	rn	r2	Fig 8 check (✓)	All circuits to be completed using R1R2 or R2, not both R1 + R2	R2	Insulation resistance (Record lower reading) Test voltage V	L/L, L/N M(Ω)	L/E, N/E M(Ω)	Polarity (✓)	Max. Measured Zs (Ω)	RCD testing Above 30mA IΔn ms	RCD testing 30mA or below 5 IΔn ms	Manual test button operation RCD (✓)	Manual test button operation AFDD (✓)
1/L2	Room 5 Sockets	A	B	6	2.5	1.5	0.4	60898 MCB	B	10	6	N/A	3.49	N/A	N/A	N/A	N/A	0.12	N/A	250	LIM	>299	✓	0.46	N/A	N/A	N/A	N/A
2/L2	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
3/L2	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
4/L2	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Details of circuits and/or installed equipment vulnerable to damage when testing: Date(s) dead testing 11/07/2022 To 11/07/2022 Date(s) live testing 11/07/2022 To 11/07/2022

Tested by: Name (capital letters) LIAM KIMBLE Position Electrical Test Engineer Date 11/07/2022 Signature

Wiring Types. **A** PVC/PVC, **B** PVC cables in metallic Conduit, **C** PVC cables in non-metallic Conduit, **D** PVC cables in metallic trunking, **E** PVC cables in non-metallic trunking, **F** PVC/SWA cables, **G** SWA/XPLE cables, **H** Mineral Insulated, **MW** Metal Work, **FM** Ferrous Metal, **O** Other

ELECTRICAL INSTALLATION CONDITION REPORT - Schedule of Tests

FT/EICR 110147629

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

phs Compliance

Company Name	PHS Compliance	**Company Address**	Kid Glove Road	**Postcode**	WA3 3GR	**Branch No.**		**Scheme No.**	
Client	UPP Residential Services Ltd	**Installation Address**	Swansea University Bay Campus - Elinor 14, Reception - Ground Floor Tower Information Centre, Fabian Way, Crymlyn Burrows, Swansea	**Postcode**	SA1 8EN				

Distribution board details - Complete in every case

Location: Room X Riser 2nd Floor [Schneider]
Designation: DB CL3/6-1
Num. of ways: 4 Num. of phases: 1
Supply polarity confirmed: ☑ Phase sequence confirmed: ☐

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

Supply to distribution board is from: Sub Mains(DB CL3, 6/L2)
Overcurrent protective device for the distribution circuit: BS(EN) 61009 RCD/RCBO Type C Rating 32 A Voltage 230 V

Characteristics at this distribution board

Associated RCD(if any): BS (EN) 61009
Z_d 0.45 Ω No. of poles 2
I_{pf} 0.51 kA IΔn 30
Time delay (if applicable) N/A
Above 30mA (if applicable): Operating at 1 IΔn 29.0 ms
30mA or below: Operating at 5 IΔn 28.0 ms

Test instrument serial number(s)

Loop impedance 080408/5657
Insulation resistance 080408/5657
Continuity 080408/5657
RCD 080408/5657

CIRCUIT DETAILS / TEST RESULTS

Circuit No. and Line No.	Distribution board Designation / Circuit designation	Type of wiring	Ref. method	No. of points	Circuit conductors csa (mm²) L / N	Circuit conductors csa (mm²) CPC	Maximum disconnection	Overcurrent protective devices BS EN Number	Overcurrent protective devices Type No.	Overcurrent protective devices Rating (A)	Breaking capacity (KA)	RCD operating (mA)	BS 7671 Max. permitted Zs Other 80% (Ω)	Circuit impedance Ω Ring final circuits only (measured end-to-end) r1	r2	rn	Fig 8 check (✓)	All circuits to be completed using R1R2 or R2, not both R1 + R2	R2	Insulation resistance (Record lower reading) Test voltage V	L/L, L/N M(Ω)	L/E, N/E M(Ω)	Polarity (✓)	Max. Measured Zs (Ω)	RCD testing Above 30mA IΔn ms	30mA or below 5 IΔn ms	Manual test button operation RCD (✓)	AFDD (✓)
1/L2	Room 10 Sockets	A	B	6	2.5	1.5	0.4	60898 MCB	B	10	6	N/A	3.49	N/A	N/A	N/A	N/A	0.09	N/A	250	LIM	>299	✓	0.57	N/A	N/A	N/A	N/A
2/L2	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
3/L2	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
4/L2	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Details of circuits and/or installed equipment vulnerable to damage when testing: Date(s) dead testing 11/07/2022 To 11/07/2022 Date(s) live testing 11/07/2022 To 11/07/2022

Tested by: Name (capital letters) LIAM KIMBLE Position Electrical Test Engineer Date 11/07/2022 Signature

Wiring Types. **A** PVC/PVC, **B** PVC cables in metallic Conduit, **C** PVC cables in non-metallic Conduit, **D** PVC cables in metallic trunking, **E** PVC cables in non-metallic trunking, **F** PVC/SWA cables, **G** SWA/XPLE cables, **H** Mineral Insulated, **MW** Metal Work, **FM** Ferrous Metal, **O** Other

ELECTRICAL INSTALLATION CONDITION REPORT - Schedule of Tests

FT/EICR 110147629

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

phs Compliance

Company Name	PHS Compliance	**Company Address**	Kid Glove Road	**Postcode**	WA3 3GR	**Branch No.**		**Scheme No.**	
Client	UPP Residential Services Ltd	**Installation Address**	Swansea University Bay Campus - Elinor 14, Reception - Ground Floor Tower Information Centre, Fabian Way, Crymlyn Burrows, Swansea					**Postcode**	SA1 8EN

Distribution board details - Complete in every case

Location: Room 10 Riser 3rd Floor [Schneider]
Designation: DB CL4/6-1
Num. of ways: 4 Num. of phases: 1
Supply polarity confirmed: ☑ Phase sequence confirmed: ☐

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

Supply to distribution board is from: Sub Mains(DB CL4, 6/L3)
Overcurrent protective device for the distribution circuit: BS(EN) 61009 RCD/RCBO Type C Rating 32 A Voltage 230 V

Characteristics at this distribution board

Associated RCD(if any): BS (EN) 61009
Z_d 0.32 Ω No. of poles 2
I_{pf} 0.72 kA IΔn 30
Time delay (if applicable) N/A
Above 30mA (if applicable): Operating at 1 IΔn 28.6 ms
30mA or below: Operating at 5 IΔn 19.4 ms

Test instrument serial number(s)

Loop impedance 080408/5657
Insulation resistance 080408/5657
Continuity 080408/5657
RCD 080408/5657

CIRCUIT DETAILS / TEST RESULTS

Circuit No. and Line No.	Distribution board Designation / Circuit designation	Type of wiring	Ref. method	No. of points	Circuit conductors csa (mm²) L / N	Circuit conductors csa (mm²) CPC	Maximum disconnection	Overcurrent protective devices BS EN Number	Overcurrent protective devices Type No.	Overcurrent protective devices Rating (A)	Breaking capacity (KA)	RCD operating (mA)	BS 7671 Max. permitted Zs Other 80% (Ω)	Circuit impedance Ω Ring final circuits only (measured end-to-end) r1	r2	rn	Fig 8 check (✓)	All circuits to be completed using R1R2 or R2, not both R1 + R2	R2	Insulation resistance (Record lower reading) Test voltage V	L/L, L/N M(Ω)	L/E, N/E M(Ω)	Polarity (✓)	Max. Measured Zs (Ω)	RCD testing Above 30mA IΔn ms	30mA or below 5 IΔn ms	Manual test button operation RCD (✓)	AFDD (✓)
1/L3	Room 10 Sockets	A	B	6	2.5	1.5	0.4	60898 MCB	B	10	6	N/A	3.49	N/A	N/A	N/A	N/A	0.10	N/A	250	LIM	>299	✓	0.44	N/A	N/A	N/A	N/A
2/L3	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
3/L3	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
4/L3	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Details of circuits and/or installed equipment vulnerable to damage when testing: Date(s) dead testing 11/07/2022 To 11/07/2022 Date(s) live testing 11/07/2022 To 11/07/2022

Tested by: Name (capital letters) LIAM KIMBLE Position Electrical Test Engineer Date 11/07/2022 Signature

Wiring Types. **A** PVC/PVC, **B** PVC cables in metallic Conduit, **C** PVC cables in non-metallic Conduit, **D** PVC cables in metallic trunking, **E** PVC cables in non-metallic trunking, **F** PVC/SWA cables, **G** SWA/XPLE cables, **H** Mineral Insulated, **MW** Metal Work, **FM** Ferrous Metal, **O** Other

ELECTRICAL INSTALLATION CONDITION REPORT - Schedule of Tests

FT/EICR 110147629

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

phs Compliance

Company Name	PHS Compliance	**Company Address**	Kid Glove Road	**Postcode**	WA3 3GR	**Branch No.**		**Scheme No.**	
Client	UPP Residential Services Ltd	**Installation Address**	Swansea University Bay Campus - Elinor 14, Reception - Ground Floor Tower Information Centre, Fabian Way, Crymlyn Burrows, Swansea					**Postcode**	SA1 8EN

Distribution board details - Complete in every case

Location: Room 4 Riser 5th Floor [Schneider]
Designation: DB CL6/7-2
Num. of ways: 4 Num. of phases: 1
Supply polarity confirmed: ☑ Phase sequence confirmed: ☐

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

Supply to distribution board is from: Sub Mains(DB CL/6, 7/L2)
Overcurrent protective device for the distribution circuit: BS(EN) 61009 RCD/RCBO Type C Rating 32 A Voltage 230 V

Characteristics at this distribution board

Associated RCD(if any): BS (EN) 61009
Z_d 0.45 Ω No. of poles 2
I_{pf} 0.51 kA IΔn 30
Time delay (if applicable) N/A
Above 30mA (if applicable): Operating at 1 IΔn 29.4 ms
30mA or below: Operating at 5 IΔn 31.6 ms

Test instrument serial number(s)

Loop impedance 080408/5657
Insulation resistance 080408/5657
Continuity 080408/5657
RCD 080408/5657

CIRCUIT DETAILS / TEST RESULTS

Circuit No. and Line No.	Distribution board Designation / Circuit designation	Type of wiring	Ref. method	No. of points	Circuit conductors csa (mm²) L / N	Circuit conductors csa (mm²) CPC	Maximum disconnection	Overcurrent protective devices BS EN Number	Overcurrent protective devices Type No.	Overcurrent protective devices Rating (A)	Breaking capacity (KA)	RCD operating (mA)	BS 7671 Max. permitted Zs Other 80% (Ω)	Circuit impedance Ω Ring final circuits only (measured end-to-end) r1	r2	rn	Fig 8 check (✓)	All circuits to be completed using R1R2 or R2, not both R1 + R2	R2	Insulation resistance (Record lower reading) Test voltage V	L/L, L/N M(Ω)	L/E, N/E M(Ω)	Polarity (✓)	Max. Measured Zs (Ω)	RCD testing Above 30mA IΔn ms	30mA or below 5 IΔn ms	Manual test button operation RCD (✓)	AFDD (✓)
1/L2	Room 4 Sockets	A	B	6	2.5	1.5	0.4	60898 MCB	B	10	6	N/A	3.49	N/A	N/A	N/A	N/A	0.10	N/A	250	LIM	>299	✓	0.53	N/A	N/A	N/A	N/A
2/L2	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
3/L2	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
4/L2	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Details of circuits and/or installed equipment vulnerable to damage when testing: Date(s) dead testing 11/07/2022 To 11/07/2022 Date(s) live testing 11/07/2022 To 11/07/2022

Tested by: Name (capital letters) LIAM KIMBLE Position Electrical Test Engineer Date 11/07/2022 Signature

Wiring Types. **A** PVC/PVC, **B** PVC cables in metallic Conduit, **C** PVC cables in non-metallic Conduit, **D** PVC cables in metallic trunking, **E** PVC cables in non-metallic trunking, **F** PVC/SWA cables, **G** SWA/XPLE cables, **H** Mineral Insulated, **MW** Metal Work, **FM** Ferrous Metal, **O** Other

ELECTRICAL INSTALLATION CONDITION REPORT - Schedule of Tests

FT/ EICR 110147629

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

phs Compliance

Company Name	PHS Compliance	**Company Address**	Kid Glove Road	**Postcode**	WA3 3GR	**Branch No.**		**Scheme No.**	
Client	UPP Residential Services Ltd	**Installation Address**	Swansea University Bay Campus - Elinor 14, Reception - Ground Floor Tower Information Centre, Fabian Way, Crymlyn Burrows, Swansea	**Postcode**	SA1 8EN				

Distribution board details - Complete in every case

Location: Room 2 Riser 4th Floor [Schneider]
Designation: DB CL5/7
Num. of ways: 4 Num. of phases: 1
Supply polarity confirmed: ☑ Phase sequence confirmed: ☐

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

Supply to distribution board is from: Sub Mains(DB CL5, 7/L1)
Overcurrent protective device for the distribution circuit: BS(EN) 61009 RCD/RCBO Type C Rating 32 A Voltage 230 V

Characteristics at this distribution board

Associated RCD(if any): BS (EN) 61009
Z_d 0.40 Ω
I_{pf} 0.59 kA
Time delay (if applicable) N/A
Operating at 1 IΔn 29.4 ms
No. of poles 2
IΔn 30
Operating at 5 IΔn 24.0 ms
Above 30mA 30mA or below (if applicable)

Test instrument serial number(s)

Loop impedance 080408/5657
Insulation resistance 080408/5657
Continuity 080408/5657
RCD 080408/5657

CIRCUIT DETAILS / TEST RESULTS

Circuit No. and Line No.	Distribution board Designation: DB CL5/7 Circuit designation	Type of wiring	Ref. method	No. of points	Circuit conductors csa (mm²) L / N	Circuit conductors csa (mm²) CPC	Maximum disconnection	Overcurrent protective devices BS EN Number	Overcurrent protective devices Type No.	Overcurrent protective devices Rating (A)	Breaking capacity (KA)	RCD operating (mA)	BS 7671 Max. permitted Zs Other 80% (Ω)	Circuit impedance Ω Ring final circuits only (measured end-to-end) r1	r2	rn	Fig 8 check (✓)	All circuits to be completed using R1R2 or R2, not both R1 + R2	R2	Insulation resistance (Record lower reading) Test voltage V	L/L, L/N M(Ω)	L/E, N/E M(Ω)	Polarity (✓)	Max. Measured Zs (Ω)	RCD testing Above 30mA IΔn ms	30mA or below 5 IΔn ms	Manual test button operation RCD (✓)	AFDD (✓)
1/L1	Room 2 Sockets	A	B	6	2.5	1.5	0.4	60898 MCB	B	10	6	N/A	3.49	N/A	N/A	N/A	N/A	0.05	N/A	250	LIM	>299	✓	0.47	N/A	N/A	N/A	N/A
2/L1	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
3/L1	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
4/L1	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Details of circuits and/or installed equipment vulnerable to damage when testing: Date(s) dead testing 11/07/2022 To 11/07/2022 Date(s) live testing 11/07/2022 To 11/07/2022

Tested by: Name (capital letters) LIAM KIMBLE Position Electrical Test Engineer Date 11/07/2022 Signature

Wiring Types. **A** PVC/PVC, **B** PVC cables in metallic Conduit, **C** PVC cables in non-metallic Conduit, **D** PVC cables in metallic trunking, **E** PVC cables in non-metallic trunking, **F** PVC/SWA cables, **G** SWA/XPLE cables, **H** Mineral Insulated, **MW** Metal Work, **FM** Ferrous Metal, **O** Other

ELECTRICAL INSTALLATION CONDITION REPORT - Schedule of Tests

FT/EICR: 110147629

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

phs Compliance

Company Name	PHS Compliance	**Company Address**	Kid Glove Road	**Postcode**	WA3 3GR	**Branch No.**		**Scheme No.**	
Client	UPP Residential Services Ltd	**Installation Address**	Swansea University Bay Campus - Elinor 14, Reception - Ground Floor Tower Information Centre, Fabian Way, Crymlyn Burrows, Swansea	**Postcode**	SA1 8EN				

Distribution board details - Complete in every case

Location: Room 3 Riser 4th Floor [Schneider]
Designation: DB CL5/7-1
Num. of ways: 4 Num. of phases: 1
Supply polarity confirmed: ☑ Phase sequence confirmed: ☐

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

Supply to distribution board is from: Sub Mains(DB CL5, 7/L1)
Overcurrent protective device for the distribution circuit: BS(EN) 61009 RCD/RCBO Type C Rating 32 A Voltage 230 V

Characteristics at this distribution board

Associated RCD(if any): BS (EN) 61009
Z_d 0.40 Ω No. of poles 2
I_{pf} 0.59 kA IΔn 30
Time delay (if applicable) N/A
Above 30mA (if applicable): Operating at 1 IΔn 29.4 ms
30mA or below: Operating at 5 IΔn 24.0 ms

Test instrument serial number(s)

Loop impedance: 080408/5657
Insulation resistance: 080408/5657
Continuity: 080408/5657
RCD: 080408/5657

CIRCUIT DETAILS / TEST RESULTS

Circuit No. and Line No.	Distribution board Designation / Circuit designation	Type of wiring	Ref. method	No. of points	Circuit conductors csa (mm²) L / N	Circuit conductors csa (mm²) CPC	Maximum disconnection	Overcurrent protective devices BS EN Number	Overcurrent protective devices Type No.	Overcurrent protective devices Rating (A)	Breaking capacity (KA)	RCD operating (mA)	BS 7671 Max. permitted Zs Other 80% (Ω)	Circuit impedance Ω Ring final circuits only (measured end-to-end) r1	r1	rn	r2	Fig 8 check (✓)	All circuits to be completed using R1R2 or R2, not both R1 + R2	R2	Insulation resistance (Record lower reading) Test voltage V	L/L, L/N M(Ω)	L/E, N/E M(Ω)	Polarity (✓)	Max. Measured Zs (Ω)	RCD testing Above 30mA IΔn ms	30mA or below 5 IΔn ms	Manual test button operation RCD (✓)	AFDD (✓)
1/L1	Room 3 Sockets	A	B	6	2.5	1.5	0.4	60898 MCB	B	10	6	N/A	3.49	N/A	N/A	N/A	N/A	0.12	N/A	250	LIM	>299	✓	0.57	N/A	N/A	N/A	N/A
2/L1	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
3/L1	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
4/L1	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Details of circuits and/or installed equipment vulnerable to damage when testing: Date(s) dead testing 11/07/2022 To 11/07/2022 Date(s) live testing 11/07/2022 To 11/07/2022

Tested by: Name (capital letters) LIAM KIMBLE Position Electrical Test Engineer Date 11/07/2022 Signature

Wiring Types. **A** PVC/PVC, **B** PVC cables in metallic Conduit, **C** PVC cables in non-metallic Conduit, **D** PVC cables in metallic trunking, **E** PVC cables in non-metallic trunking, **F** PVC/SWA cables, **G** SWA/XPLE cables, **H** Mineral Insulated, **MW** Metal Work, **FM** Ferrous Metal, **O** Other

ELECTRICAL INSTALLATION CONDITION REPORT - Schedule of Tests

FT/EICR 110147629

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

phs Compliance

Company Name	PHS Compliance	**Company Address**	Kid Glove Road	**Postcode**	WA3 3GR	**Branch No.**	**Scheme No.**
Client	UPP Residential Services Ltd	**Installation Address**	Swansea University Bay Campus - Elinor 14, Reception - Ground Floor Tower Information Centre, Fabian Way, Crymlyn Burrows, Swansea	**Postcode**	SA1 8EN		

Distribution board details - Complete in every case

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

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

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

Characteristics at this distribution board

Associated RCD(if any): BS (EN) N/A
Z_d 0.11 Ω No. of poles N/A
I_{pf} 4.2 kA IΔn N/A
Time delay (if applicable) N/A
Above 30mA (if applicable)
Operating at 1 IΔn N/A ms
30mA or below
Operating at 5 IΔn N/A ms

Test instrument serial number(s)

Loop impedance 080408/5756
Insulation resistance 080408/5756
Continuity 080408/5756
RCD 080408/5756

CIRCUIT DETAILS / TEST RESULTS

Circuit No. and Line No.	Distribution board Designation / Circuit designation	Type of wiring	Ref. method	No. of points	Circuit conductors csa (mm²) L / N	Circuit conductors csa (mm²) CPC	Maximum disconnection	Overcurrent protective devices BS EN Number	Overcurrent protective devices Type No.	Overcurrent protective devices Rating (A)	Breaking capacity (KA)	RCD operating (mA)	BS 7671 Max. permitted Zs Other 80% (Ω)	Circuit impedance Ω Ring final circuits only (measured end-to-end) r1	rn	r2	Fig 8 check (✓)	All circuits to be completed using R1R2 or R2, not both R1 + R2	R2	Insulation resistance (Record lower reading) Test voltage V	L/L, L/N M(Ω)	L/E, N/E M(Ω)	Polarity (✓)	Max. Measured Zs (Ω)	RCD testing Above 30mA IΔn ms	RCD testing 30mA or below 5 IΔn ms	Manual test button operation RCD (✓)	Manual test button operation AFDD (✓)
1/TP	Isolated	A	B	1	16	16	0.4	60947 MCCB	N/A	80	25	N/A	0.20	N/A	N/A	N/A	N/A	LIM	N/A	250	LIM	>299	LIM	LIM	N/A	N/A	N/A	N/A
2/TP	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
3/L1	Sub Mains(DB CL1)	A	B	1	16	16	5	60947 MCCB	N/A	63	25	N/A	0.25	N/A	N/A	N/A	N/A	LIM	N/A	LIM	LIM	LIM	✓	0.14	N/A	N/A	N/A	N/A
3/L2	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
3/L3	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
4/TP	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
5/TP	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
6/TP	Sub Mains(Busbar)	G	E	1	50	50	5	60947 MCCB	N/A	250	35	N/A	0.15	N/A	N/A	N/A	N/A	LIM	N/A	LIM	LIM	LIM	✓	0.14	N/A	N/A	N/A	N/A
7/TP	Sub Mains(DB FFS)	G	B	1	16	16	5	60947 MCCB	N/A	63	25	N/A	0.27	N/A	N/A	N/A	N/A	LIM	N/A	LIM	LIM	LIM	✓	0.12	N/A	N/A	N/A	N/A
8/TP	2nd Supply	G	D	1	25	25	5	60947 MCCB	N/A	63	25	N/A	0.27	N/A	N/A	N/A	N/A	LIM	N/A	LIM	LIM	LIM	LIM	LIM	N/A	N/A	N/A	N/A
9/TP	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/TP	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/TP	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
12/TP	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

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

Date(s) dead testing 11/07/2022 To 11/07/2022

Date(s) live testing 11/07/2022 To 11/07/2022

Tested by: Name (capital letters) LIAM KIMBLE Position Electrical Test Engineer Date 11/07/2022

Signature

Wiring Types. **A** PVC/PVC, **B** PVC cables in metallic Conduit, **C** PVC cables in non-metallic Conduit, **D** PVC cables in metallic trunking, **E** PVC cables in non-metallic trunking, **F** PVC/SWA cables, **G** SWA/XPLE cables, **H** Mineral Insulated, **MW** Metal Work, **FM** Ferrous Metal, **O** Other

ELECTRICAL INSTALLATION CONDITION REPORT - Schedule of Tests

FT/EICR: 110147629

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

phs Compliance

Company Name	PHS Compliance	**Company Address**	Kid Glove Road	**Postcode**	WA3 3GR	**Branch No.**		**Scheme No.**	
Client	UPP Residential Services Ltd	**Installation Address**	Swansea University Bay Campus - Elinor 14, Reception - Ground Floor Tower Information Centre, Fabian Way, Crymlyn Burrows, Swansea	**Postcode**	SA1 8EN				

Distribution board details - Complete in every case

Location: Room 7 Riser 4th Floor [Schneider]
Designation: DB CL5/9
Num. of ways: 4 Num. of phases: 1
Supply polarity confirmed: ☑ Phase sequence confirmed: ☐

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

Supply to distribution board is from: Sub Mains(DB CL5, 9/L1)
Overcurrent protective device for the distribution circuit: BS(EN) 61009 RCD/RCBO Type C Rating 32 A Voltage 230 V

Characteristics at this distribution board

Associated RCD(if any): BS (EN) 61009
Z_d 0.44 Ω No. of poles 2
I_{pf} 0.51 kA IΔn 30
Time delay (if applicable) N/A
Above 30mA (if applicable): Operating at 1 IΔn 32.5 ms
30mA or below: Operating at 5 IΔn 18.8 ms

Test instrument serial number(s)

Loop impedance: 080408/5657
Insulation resistance: 080408/5657
Continuity: 080408/5657
RCD: 080408/5657

CIRCUIT DETAILS / TEST RESULTS

Circuit No. and Line No.	Distribution board Designation / Circuit designation	Type of wiring	Ref. method	No. of points	Circuit conductors csa (mm²) L / N	Circuit conductors csa (mm²) CPC	Maximum disconnection	Overcurrent protective devices BS EN Number	Overcurrent protective devices Type No.	Overcurrent protective devices Rating (A)	Breaking capacity (KA)	RCD operating (mA)	BS 7671 Max. permitted Zs Other 80% (Ω)	Circuit impedance Ω Ring final circuits only (measured end-to-end) r1	r1	rn	r2	Fig 8 check (✓)	All circuits to be completed using R1R2 or R2, not both R1 + R2	R2	Insulation resistance (Record lower reading) Test voltage V	L/L, L/N M(Ω)	L/E, N/E M(Ω)	Polarity (✓)	Max. Measured Zs (Ω)	RCD testing Above 30mA IΔn ms	RCD testing 30mA or below 5 IΔn ms	Manual test button operation RCD (✓)	AFDD (✓)
1/L1	Room 7 Sockets	A	B	6	2.5	1.5	0.4	60898 MCB	B	10	6	N/A	3.49	N/A	N/A	N/A	N/A	0.08	N/A	250	LIM	>299	✓	0.52	N/A	N/A	N/A	N/A
2/L1	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
3/L1	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
4/L1	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Details of circuits and/or installed equipment vulnerable to damage when testing: Date(s) dead testing 11/07/2022 To 11/07/2022 Date(s) live testing 11/07/2022 To 11/07/2022

Tested by: Name (capital letters) LIAM KIMBLE Position Electrical Test Engineer Date 11/07/2022 Signature

Wiring Types. **A** PVC/PVC, **B** PVC cables in metallic Conduit, **C** PVC cables in non-metallic Conduit, **D** PVC cables in metallic trunking, **E** PVC cables in non-metallic trunking, **F** PVC/SWA cables, **G** SWA/XPLE cables, **H** Mineral Insulated, **MW** Metal Work, **FM** Ferrous Metal, **O** Other

ELECTRICAL INSTALLATION CONDITION REPORT - Schedule of Tests

FT/EICR 110147629

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

phs Compliance

Company Name	PHS Compliance	**Company Address**	Kid Glove Road	**Postcode**	WA3 3GR	**Branch No.**		**Scheme No.**	
Client	UPP Residential Services Ltd	**Installation Address**	Swansea University Bay Campus - Elinor 14, Reception - Ground Floor Tower Information Centre, Fabian Way, Crymlyn Burrows, Swansea					**Postcode**	SA1 8EN

Distribution board details - Complete in every case

Location: Room 1 Riser 7th Floor [Schneider]
Designation: DB CL8/6
Num. of ways: 4 Num. of phases: 1
Supply polarity confirmed: ☑ Phase sequence confirmed: ☐

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

Supply to distribution board is from: Sub Mains(DB CL8, 6/L1)
Overcurrent protective device for the distribution circuit: BS(EN) 61009 RCD/RCBO Type C Rating 32 A Voltage 230 V

Characteristics at this distribution board

Associated RCD(if any): BS (EN) 61009
Z_d 0.32 Ω No. of poles 2
I_{pf} 0.73 kA IΔn 30
Time delay (if applicable) N/A
Above 30mA (if applicable): Operating at 1 IΔn 28.4 ms
30mA or below: Operating at 5 IΔn 18.6 ms

Test instrument serial number(s)

Loop impedance 080408/5657
Insulation resistance 080408/5657
Continuity 080408/5657
RCD 080408/5657

CIRCUIT DETAILS / TEST RESULTS

Circuit No. and Line No.	Distribution board Designation: DB CL8/6 / Circuit designation	Type of wiring	Ref. method	No. of points	Circuit conductors csa (mm²) L / N	Circuit conductors csa (mm²) CPC	Maximum disconnection	Overcurrent protective devices BS EN Number	Overcurrent protective devices Type No.	Overcurrent protective devices Rating (A)	Breaking capacity (KA)	RCD operating (mA)	BS 7671 Max. permitted Zs Other 80% (Ω)	Circuit impedance Ω Ring final circuits only (measured end-to-end) r1	rn	r2	Fig 8 check (✓)	All circuits to be completed using R1R2 or R2, not both R1 + R2	R2	Insulation resistance (Record lower reading) Test voltage V	L/L, L/N M(Ω)	L/E, N/E M(Ω)	Polarity (✓)	Max. Measured Zs (Ω)	RCD testing Above 30mA IΔn ms	RCD testing 30mA or below 5 IΔn ms	Manual test button operation RCD (✓)	Manual test button operation AFDD (✓)
1/L1	Room 1 Sockets	A	B	6	2.5	1.5	0.4	60898 MCB	B	10	6	N/A	3.49	N/A	N/A	N/A	N/A	0.19	N/A	250	LIM	>299	✓	0.52	N/A	N/A	N/A	N/A
2/L1	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
3/L1	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
4/L1	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Details of circuits and/or installed equipment vulnerable to damage when testing: Date(s) dead testing 11/07/2022 To 11/07/2022 Date(s) live testing 11/07/2022 To 11/07/2022

Tested by: Name (capital letters) LIAM KIMBLE Position Electrical Test Engineer Date 11/07/2022 Signature

Wiring Types. **A** PVC/PVC, **B** PVC cables in metallic Conduit, **C** PVC cables in non-metallic Conduit, **D** PVC cables in metallic trunking, **E** PVC cables in non-metallic trunking, **F** PVC/SWA cables, **G** SWA/XPLE cables, **H** Mineral Insulated, **MW** Metal Work, **FM** Ferrous Metal, **O** Other

ELECTRICAL INSTALLATION CONDITION REPORT - Schedule of Tests

FT/EICR: 110147629

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

phs Compliance

Company Name	PHS Compliance	**Company Address**	Kid Glove Road	**Postcode**	WA3 3GR	**Branch No.**		**Scheme No.**	
Client	UPP Residential Services Ltd	**Installation Address**	Swansea University Bay Campus - Elinor 14, Reception - Ground Floor Tower Information Centre, Fabian Way, Crymlyn Burrows, Swansea	**Postcode**	SA1 8EN				

Distribution board details - Complete in every case

Location: Ground Floor Kitchen (Schneider)
Designation: DB/CL2
Num. of ways: 18 Num. of phases: 1
Supply polarity confirmed: ☑ Phase sequence confirmed: ☐

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

Supply to distribution board is from: Sub Mains(Busbar, 1/L1)
Overcurrent protective device for the distribution circuit: BS(EN) 88-2 HRC Type gG Rating 63 A Voltage 230 V

Characteristics at this distribution board

Associated RCD(if any): BS (EN) N/A
Z_d 0.14 Ω No. of poles NA
I_{pf} 1.67 kA IΔn N/A
Time delay (if applicable) NA
Above 30mA (if applicable): Operating at 1 IΔn N/A ms; 30mA or below: Operating at 5 IΔn N/A ms

Test instrument serial number(s)

Loop impedance 080408/5756
Insulation resistance 080408/5756
Continuity 080408/5756
RCD 080408/5756

CIRCUIT DETAILS / TEST RESULTS

Circuit No. and Line No.	Distribution board Designation / Circuit designation	Type of wiring	Ref. method	No. of points	Circuit conductors csa (mm²) L / N	Circuit conductors csa (mm²) CPC	Maximum disconnection	Overcurrent protective devices BS EN Number	Overcurrent protective devices Type No.	Overcurrent protective devices Rating (A)	Breaking capacity (KA)	RCD operating (mA)	BS 7671 Max. permitted Zs Other 80% (Ω)	Circuit impedance Ω: Ring final circuits only (measured end-to-end) r1	rn	r2	Fig 8 check (✓)	All circuits to be completed using R1R2 or R2, not both: R1 + R2	R2	Insulation resistance (Record lower reading): Test voltage V	L/L, L/N M(Ω)	L/E, N/E M(Ω)	Polarity (✓)	Max. Measured Zs (Ω)	RCD testing: Above 30mA IΔn ms	30mA or below 5 IΔn ms	Manual test button operation: RCD (✓)	AFDD (✓)
1/L1	Common Room Lights	A	E	1	1.5	1	0.4	61009 RCD/	C	10	10	30	1.75	N/A	N/A	N/A	N/A	0.19	N/A	250	LIM	>299	✓	0.36	31.2	27.9	✓	N/A
2/L1	Bedroom Lights 2,3,4	A	E	9	1.5	1	0.4	61009 RCD/	C	10	10	30	1.75	N/A	N/A	N/A	N/A	0.27	N/A	250	LIM	>299	✓	0.47	28.9	26.8	✓	N/A
3/L1	Bedroom Lights 5,6,7	A	E	6	1.5	1	0.4	61009 RCD/	C	10	10	30	1.75	N/A	N/A	N/A	N/A	0.31	N/A	250	LIM	>299	✓	0.51	30.0	28.7	✓	N/A
4/L1	Bedroom Lights 1,8	A	E	9	1.5	1	0.4	61009 RCD/	C	10	10	30	1.75	N/A	N/A	N/A	N/A	0.32	N/A	250	LIM	>299	✓	0.45	29.9	22.4	✓	N/A
5/L1	Bedroom Lights	A	E	6	1.5	1	0.4	61009 RCD/	C	10	10	30	1.75	N/A	N/A	N/A	N/A	0.21	N/A	250	LIM	>299	✓	0.41	29.8	20.4	✓	N/A
6/L1	Ring Main Bedrooms 1,10	A	E	6	2x2.5	2x1.5	0.4	61009 RCD/	C	32	10	30	0.54	0.58	0.58	1.00	✓	0.41	N/A	250	LIM	>299	✓	0.37	31.4	28.9	✓	N/A
7/L1	Ring Main Bedrooms 2,3,4	A	E	9	2x2.5	2x1.5	0.4	61009 RCD/	C	32	10	30	0.54	0.55	0.56	0.98	✓	0.39	N/A	250	LIM	>299	✓	0.35	37.9	22.8	✓	N/A
8/L1	Ring Main Bedrooms 5,6	A	E	6	2x2.5	2x1.5	0.4	61009 RCD/	C	32	10	30	0.54	0.53	0.53	0.92	✓	0.35	N/A	250	LIM	>299	✓	0.37	34.0	27.8	✓	N/A
9/L1	Ring Main Bedrooms 7,8,9	A	E	9	2x2.5	2x1.5	0.4	61009 RCD/	C	32	10	30	0.54	0.44	0.44	0.51	✓	0.24	N/A	250	LIM	>299	✓	0.44	39.8	27.8	✓	N/A
10/L1	Kitchen Ring Main 1	A	E	5	2x2.5	2x1.5	0.4	61009 RCD/	C	32	10	30	0.54	0.28	0.28	0.47	✓	0.20	N/A	250	LIM	>299	✓	0.28	29.7	21.0	✓	N/A
11/L1	Kitchen Ring Main 2	A	E	5	2x2.5	2x1.5	0.4	61009 RCD/	C	32	10	30	0.54	0.21	0.21	0.28	✓	0.12	N/A	250	LIM	>299	✓	0.27	28.9	26.9	✓	N/A
12/L1	Hob 1	A	E	1	6	2.5	0.4	61009 RCD/	C	32	10	30	0.54	N/A	N/A	N/A	N/A	0.10	N/A	250	LIM	>299	✓	0.24	34.9	27.9	✓	N/A
13/L1	Hob 2	A	E	1	6	2.5	0.4	61009 RCD/	C	32	10	30	0.54	N/A	N/A	N/A	N/A	0.14	N/A	250	LIM	>299	✓	0.22	29.0	27.9	✓	N/A
14/L1	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
15/L1	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
16/L1	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
17/L1	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
18/L1	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

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

Date(s) dead testing: 11/07/2022 To 11/07/2022
Date(s) live testing: 11/07/2022 To 11/07/2022

Tested by: Name (capital letters): LIAM KIMBLE Position: Electrical Test Engineer Date: 11/07/2022
Signature:

Wiring Types. **A** PVC/PVC, **B** PVC cables in metallic Conduit, **C** PVC cables in non-metallic Conduit, **D** PVC cables in metallic trunking, **E** PVC cables in non-metallic trunking, **F** PVC/SWA cables, **G** SWA/XPLE cables, **H** Mineral Insulated, **MW** Metal Work, **FM** Ferrous Metal, **O** Other

ELECTRICAL INSTALLATION CONDITION REPORT - Schedule of Tests

FT/EICR: 110147629

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

phs Compliance

Company Name	PHS Compliance	**Company Address**	Kid Glove Road	**Postcode**	WA3 3GR	**Branch No.**		**Scheme No.**	
Client	UPP Residential Services Ltd	**Installation Address**	Swansea University Bay Campus - Elinor 14, Reception - Ground Floor Tower Information Centre, Fabian Way, Crymlyn Burrows, Swansea	**Postcode**	SA1 8EN				

Distribution board details - Complete in every case

Location: Room 6 Riser 3rd Floor [Schneider]
Designation: DB CL4/8-1
Num. of ways: 4 Num. of phases: 1
Supply polarity confirmed: ☑ Phase sequence confirmed: ☐

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

Supply to distribution board is from: Sub Mains(DB CL4, 8/L3)
Overcurrent protective device for the distribution circuit: BS(EN) 61009 RCD/RCBO Type C Rating 32 A Voltage 230 V

Characteristics at this distribution board

Associated RCD(if any): BS (EN) 61009
Z_d 0.32 Ω
I_{pf} 0.71 kA
Time delay (if applicable) N/A
Above 30mA (if applicable): Operating at 1 IΔn 28.6 ms
No. of poles 2
30mA or below: IΔn 30 Operating at 5 IΔn 18.7 ms

Test instrument serial number(s)

Loop impedance: 080408/5657
Insulation resistance: 080408/5657
Continuity: 080408/5657
RCD: 080408/5657

CIRCUIT DETAILS / TEST RESULTS

Circuit No. and Line No.	Distribution board Designation / Circuit designation	Type of wiring	Ref. method	No. of points	Circuit conductors csa (mm²) L / N	Circuit conductors csa (mm²) CPC	Maximum disconnection	Overcurrent protective devices BS EN Number	Overcurrent protective devices Type No.	Overcurrent protective devices Rating (A)	Breaking capacity (KA)	RCD operating (mA)	BS 7671 Max. permitted Zs Other 80% (Ω)	Circuit impedance Ω: Ring final circuits only (measured end-to-end) r1	r2	rn	Fig 8 check (✓)	All circuits to be completed using R1R2 or R2, not both: R1 + R2	R2	Insulation resistance (Record lower reading): Test voltage V	L/L, L/N M(Ω)	L/E, N/E M(Ω)	Polarity (✓)	Max. Measured Zs (Ω)	RCD testing: Above 30mA IΔn ms	30mA or below 5 IΔn ms	Manual test button operation: RCD (✓)	AFDD (✓)
1/L3	Room 6 Sockets	A	B	6	2.5	1.5	0.4	60898 MCB	B	10	6	N/A	3.49	N/A	N/A	N/A	N/A	0.12	N/A	250	LIM	>299	✓	0.66	N/A	N/A	N/A	N/A
2/L3	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
3/L3	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
4/L3	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

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

Date(s) dead testing: 11/07/2022 To 11/07/2022
Date(s) live testing: 11/07/2022 To 11/07/2022

Tested by: Name (capital letters): LIAM KIMBLE Position: Electrical Test Engineer Date: 11/07/2022
Signature:

Wiring Types. **A** PVC/PVC, **B** PVC cables in metallic Conduit, **C** PVC cables in non-metallic Conduit, **D** PVC cables in metallic trunking, **E** PVC cables in non-metallic trunking, **F** PVC/SWA cables, **G** SWA/XPLE cables, **H** Mineral Insulated, **MW** Metal Work, **FM** Ferrous Metal, **O** Other

ELECTRICAL INSTALLATION CONDITION REPORT - Schedule of Tests

FT/EICR: 110147629

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

Company Name	PHS Compliance	**Company Address**	Kid Glove Road	**Postcode**	WA3 3GR	**Branch No.**	**Scheme No.**
Client	UPP Residential Services Ltd	**Installation Address**	Swansea University Bay Campus - Elinor 14, Reception - Ground Floor Tower Information Centre, Fabian Way, Crymlyn Burrows, Swansea	**Postcode**	SA1 8EN		

Distribution board details - Complete in every case

Location: Room 4 Riser 4th Floor [Schneider]
Designation: DB CL5/7-2
Num. of ways: 4 Num. of phases: 1
Supply polarity confirmed: ☑ Phase sequence confirmed: ☐

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

Supply to distribution board is from: Sub Mains(DB CL5, 7/L1)
Overcurrent protective device for the distribution circuit: BS(EN) 61009 RCD/RCBO Type C Rating 32 A Voltage 230 V

Characteristics at this distribution board

Associated RCD(if any): BS (EN) 61009
Z_d 0.40 Ω No. of poles 2
I_{pf} 0.59 kA IΔn 30
Time delay (if applicable) N/A
Above 30mA (if applicable): Operating at 1 IΔn 29.4 ms
30mA or below: Operating at 5 IΔn 24.0 ms

Test instrument serial number(s)

Loop impedance: 080408/5657
Insulation resistance: 080408/5657
Continuity: 080408/5657
RCD: 080408/5657

CIRCUIT DETAILS / TEST RESULTS

Circuit No. and Line No.	Distribution board Designation / Circuit designation	Type of wiring	Ref. method	No. of points	Circuit conductors csa (mm²) L / N	Circuit conductors csa (mm²) CPC	Maximum disconnection	Overcurrent protective devices BS EN Number	Overcurrent protective devices Type No.	Overcurrent protective devices Rating (A)	Breaking capacity (KA)	RCD operating (mA)	BS 7671 Max. permitted Zs Other 80% (Ω)	Circuit impedance Ω Ring final circuits only (measured end-to-end) r1	r n	r2	Fig 8 check (✓)	All circuits to be completed using R1R2 or R2, not both R1 + R2	R2	Insulation resistance (Record lower reading) Test voltage V	L/L, L/N M(Ω)	L/E, N/E M(Ω)	Polarity (✓)	Max. Measured Zs (Ω)	RCD testing Above 30mA IΔn ms	RCD testing 30mA or below 5 IΔn ms	Manual test button operation RCD (✓)	Manual test button operation AFDD (✓)
1/L1	Room 4 Sockets	A	B	6	2.5	1.5	0.4	60898 MCB	B	10	6	N/A	3.49	N/A	N/A	N/A	N/A	0.10	N/A	250	LIM	>299	✓	0.53	N/A	N/A	N/A	N/A
2/L1	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
3/L1	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
4/L1	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Details of circuits and/or installed equipment vulnerable to damage when testing: Date(s) dead testing 11/07/2022 To 11/07/2022 Date(s) live testing 11/07/2022 To 11/07/2022

Tested by: Name (capital letters) LIAM KIMBLE Position Electrical Test Engineer Date 11/07/2022 Signature

Wiring Types. **A** PVC/PVC, **B** PVC cables in metallic Conduit, **C** PVC cables in non-metallic Conduit, **D** PVC cables in metallic trunking, **E** PVC cables in non-metallic trunking, **F** PVC/SWA cables, **G** SWA/XPLE cables, **H** Mineral Insulated, **MW** Metal Work, **FM** Ferrous Metal, **O** Other

ELECTRICAL INSTALLATION CONDITION REPORT - Schedule of Tests

FT/EICR: 110147629

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

phs Compliance

Company Name	PHS Compliance	**Company Address**	Kid Glove Road	**Postcode**	WA3 3GR	**Branch No.**		**Scheme No.**	
Client	UPP Residential Services Ltd	**Installation Address**	Swansea University Bay Campus - Elinor 14, Reception - Ground Floor Tower Information Centre, Fabian Way, Crymlyn Burrows, Swansea	**Postcode**	SA1 8EN				

Distribution board details - Complete in every case

Location: Room 6 Riser 4th Floor [Schneider]
Designation: DB CL5/8-1
Num. of ways: 4 Num. of phases: 1
Supply polarity confirmed: ☑ Phase sequence confirmed: ☐

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

Supply to distribution board is from: Sub Mains(DB CL5, 8/L1)
Overcurrent protective device for the distribution circuit: BS(EN) 61009 RCD/RCBO Type C Rating 32 A Voltage 230 V

Characteristics at this distribution board

Associated RCD(if any): BS (EN) 61009
Z_d 0.30 Ω No. of poles 2
I_{pf} 0.79 kA IΔn 30
Time delay (if applicable) N/A
Above 30mA (if applicable): Operating at 1 IΔn 38.5 ms
30mA or below: Operating at 5 IΔn 20.2 ms

Test instrument serial number(s)

Loop impedance: 080408/5657
Insulation resistance: 080408/5657
Continuity: 080408/5657
RCD: 080408/5657

CIRCUIT DETAILS / TEST RESULTS

Circuit No. and Line No.	Distribution board Designation / Circuit designation	Type of wiring	Ref. method	No. of points	Circuit conductors csa (mm²) L / N	Circuit conductors csa (mm²) CPC	Maximum disconnection	Overcurrent protective devices BS EN Number	Overcurrent protective devices Type No.	Overcurrent protective devices Rating (A)	Breaking capacity (KA)	RCD operating (mA)	BS 7671 Max. permitted Zs Other 80% (Ω)	Circuit impedance Ω: Ring final circuits only (measured end-to-end) r1	r2	rn	Fig 8 check (✓)	All circuits to be completed using R1R2 or R2, not both: R1 + R2	R2	Insulation resistance (Record lower reading): Test voltage V	L/L, L/N M(Ω)	L/E, N/E M(Ω)	Polarity (✓)	Max. Measured Zs (Ω)	RCD testing: Above 30mA IΔn ms	30mA or below 5 IΔn ms	Manual test button operation: RCD (✓)	AFDD (✓)
	DB CL5/8-1																												
1/L1	Room 6 Sockets	A	B	6	2.5	1.5	0.4	60898 MCB	B	10	6	N/A	3.49	N/A	N/A	N/A	N/A	0.09	N/A	250	LIM	>299	✓	0.42	N/A	N/A	N/A	N/A
2/L1	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
3/L1	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
4/L1	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

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

Date(s) dead testing: 11/07/2022 To 11/07/2022
Date(s) live testing: 11/07/2022 To 11/07/2022

Tested by: Name (capital letters): LIAM KIMBLE Position: Electrical Test Engineer Date: 11/07/2022
Signature:

Wiring Types. **A** PVC/PVC, **B** PVC cables in metallic Conduit, **C** PVC cables in non-metallic Conduit, **D** PVC cables in metallic trunking, **E** PVC cables in non-metallic trunking, **F** PVC/SWA cables, **G** SWA/XPLE cables, **H** Mineral Insulated, **MW** Metal Work, **FM** Ferrous Metal, **O** Other

ELECTRICAL INSTALLATION CONDITION REPORT - Schedule of Tests

FT/EICR 110147629

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

phs Compliance

Company Name	PHS Compliance	**Company Address**	Kid Glove Road	**Postcode**	WA3 3GR	**Branch No.**		**Scheme No.**	
Client	UPP Residential Services Ltd	**Installation Address**	Swansea University Bay Campus - Elinor 14, Reception - Ground Floor Tower Information Centre, Fabian Way, Crymlyn Burrows, Swansea					**Postcode**	SA1 8EN

Distribution board details - Complete in every case

Location: Room 5 Riser 7th Floor [Schneider]
Designation: DB CL8/8
Num. of ways: 4 Num. of phases: 1
Supply polarity confirmed: ☑ Phase sequence confirmed: ☐

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

Supply to distribution board is from: Sub Mains(DB CL8, 8/L1)
Overcurrent protective device for the distribution circuit: BS(EN) 61009 RCD/RCBO Type C Rating 32 A Voltage 230 V

Characteristics at this distribution board

Associated RCD(if any): BS (EN) 61009
Z_d 0.37 Ω No. of poles 2
I_{pf} 0.63 kA IΔn 30
Time delay (if applicable) N/A
Above 30mA (if applicable): Operating at 1 IΔn 28.5 ms
30mA or below: Operating at 5 IΔn 28.6 ms

Test instrument serial number(s)

Loop impedance 080408/5657
Insulation resistance 080408/5657
Continuity 080408/5657
RCD 080408/5657

CIRCUIT DETAILS / TEST RESULTS

Circuit No. and Line No.	Distribution board Designation / Circuit designation	Type of wiring	Ref. method	No. of points	Circuit conductors csa (mm²) L / N	Circuit conductors csa (mm²) CPC	Maximum disconnection	Overcurrent protective devices BS EN Number	Overcurrent protective devices Type No.	Overcurrent protective devices Rating (A)	Breaking capacity (KA)	RCD operating (mA)	BS 7671 Max. permitted Zs Other 80% (Ω)	Circuit impedance Ω Ring final circuits only (measured end-to-end) r1	r n	r2	Fig 8 check (✓)	All circuits to be completed using R1R2 or R2, not both R1 + R2	R2	Insulation resistance (Record lower reading) Test voltage V	L/L, L/N M(Ω)	L/E, N/E M(Ω)	Polarity (✓)	Max. Measured Zs (Ω)	RCD testing Above 30mA IΔn ms	RCD testing 30mA or below 5 IΔn ms	Manual test button operation RCD (✓)	Manual test button operation AFDD (✓)
1/L1	Room 5 Sockets	A	B	6	2.5	1.5	0.4	60898 MCB	B	10	6	N/A	3.49	N/A	N/A	N/A	N/A	0.20	N/A	250	LIM	>299	✓	0.54	N/A	N/A	N/A	N/A
2/L1	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
3/L1	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
4/L1	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Details of circuits and/or installed equipment vulnerable to damage when testing: Date(s) dead testing 11/07/2022 To 11/07/2022 Date(s) live testing 11/07/2022 To 11/07/2022

Tested by: Name (capital letters) LIAM KIMBLE Position Electrical Test Engineer Date 11/07/2022 Signature

Wiring Types. **A** PVC/PVC, **B** PVC cables in metallic Conduit, **C** PVC cables in non-metallic Conduit, **D** PVC cables in metallic trunking, **E** PVC cables in non-metallic trunking, **F** PVC/SWA cables, **G** SWA/XPLE cables, **H** Mineral Insulated, **MW** Metal Work, **FM** Ferrous Metal, **O** Other

ELECTRICAL INSTALLATION CONDITION REPORT - Schedule of Tests

FT/EICR 110147629

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

phs Compliance

Company Name	PHS Compliance	**Company Address**	Kid Glove Road	**Postcode**	WA3 3GR	**Branch No.**	**Scheme No.**
Client	UPP Residential Services Ltd	**Installation Address**	Swansea University Bay Campus - Elinor 14, Reception - Ground Floor Tower Information Centre, Fabian Way, Crymlyn Burrows, Swansea	**Postcode**	SA1 8EN		

Distribution board details - Complete in every case

Location: Room 9 Riser 2nd Floor [Schneider]
Designation: DB CL3/9-2
Num. of ways: 4 Num. of phases: 1
Supply polarity confirmed: ☑ Phase sequence confirmed: ☐

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

Supply to distribution board is from: Sub Mains(DB CL3, 9/L2)
Overcurrent protective device for the distribution circuit: BS(EN) 61009 RCD/RCBO Type C Rating 32 A Voltage 230 V

Characteristics at this distribution board

Associated RCD(if any): BS (EN) 61009
Z_d 0.44 Ω No. of poles 2
I_{pf} 0.52 kA IΔn 30
Time delay (if applicable) N/A
Above 30mA (if applicable): Operating at 1 IΔn 38.5 ms
30mA or below: Operating at 5 IΔn 21.0 ms

Test instrument serial number(s)

Loop impedance 080408/5657
Insulation resistance 080408/5657
Continuity 080408/5657
RCD 080408/5657

CIRCUIT DETAILS / TEST RESULTS

Circuit No. and Line No.	Distribution board Designation / Circuit designation	Type of wiring	Ref. method	No. of points	Circuit conductors csa (mm²) L / N	Circuit conductors csa (mm²) CPC	Maximum disconnection	Overcurrent protective devices BS EN Number	Overcurrent protective devices Type No.	Overcurrent protective devices Rating (A)	Breaking capacity (KA)	RCD operating (mA)	BS 7671 Max. permitted Zs Other 80% (Ω)	Circuit impedance Ω Ring final circuits only (measured end-to-end) r1	r2	rn	Fig 8 check (✓)	All circuits to be completed using R1R2 or R2, not both R1 + R2	R2	Insulation resistance (Record lower reading) Test voltage V	L/L, L/N M(Ω)	L/E, N/E M(Ω)	Polarity (✓)	Max. Measured Zs (Ω)	RCD testing Above 30mA IΔn ms	30mA or below 5 IΔn ms	Manual test button operation RCD (✓)	AFDD (✓)
1/L2	Room 9 Sockets	A	B	6	2.5	1.5	0.4	60898 MCB	B	10	6	N/A	3.49	N/A	N/A	N/A	N/A	0.14	N/A	250	LIM	>299	✓	0.62	N/A	N/A	N/A	N/A
2/L2	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
3/L2	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
4/L2	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Details of circuits and/or installed equipment vulnerable to damage when testing: Date(s) dead testing 11/07/2022 To 11/07/2022 Date(s) live testing 11/07/2022 To 11/07/2022

Tested by: Name (capital letters) LIAM KIMBLE Position Electrical Test Engineer Date 11/07/2022 Signature

Wiring Types. **A** PVC/PVC, **B** PVC cables in metallic Conduit, **C** PVC cables in non-metallic Conduit, **D** PVC cables in metallic trunking, **E** PVC cables in non-metallic trunking, **F** PVC/SWA cables, **G** SWA/XPLE cables, **H** Mineral Insulated, **MW** Metal Work, **FM** Ferrous Metal, **O** Other

ELECTRICAL INSTALLATION CONDITION REPORT - Schedule of Tests

FT/EICR: 110147629

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

phs Compliance

Company Name	PHS Compliance	**Company Address**	Kid Glove Road	**Postcode**	WA3 3GR	**Branch No.**	**Scheme No.**
Client	UPP Residential Services Ltd	**Installation Address**	Swansea University Bay Campus - Elinor 14, Reception - Ground Floor Tower Information Centre, Fabian Way, Crymlyn Burrows, Swansea	**Postcode**	SA1 8EN		

Distribution board details - Complete in every case

Location: Room 2 Riser 5th Floor [Schneider]
Designation: DB CL6/7
Num. of ways: 4 Num. of phases: 1
Supply polarity confirmed: ☑ Phase sequence confirmed: ☐

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

Supply to distribution board is from: Sub Mains(DB CL/6, 7/L2)
Overcurrent protective device for the distribution circuit: BS(EN) 61009 RCD/RCBO Type C Rating 32 A Voltage 230 V

Characteristics at this distribution board

Associated RCD(if any): BS (EN) 61009
Z_d 0.45 Ω No. of poles 2
I_{pf} 0.51 kA IΔn 30
Time delay (if applicable) N/A
Above 30mA (if applicable): Operating at 1 IΔn 29.4 ms
30mA or below: Operating at 5 IΔn 31.6 ms

Test instrument serial number(s)

Loop impedance: 080408/5657
Insulation resistance: 080408/5657
Continuity: 080408/5657
RCD: 080408/5657

CIRCUIT DETAILS / TEST RESULTS

Circuit No. and Line No.	Distribution board Designation / Circuit designation	Type of wiring	Ref. method	No. of points	Circuit conductors csa (mm²) L / N	Circuit conductors csa (mm²) CPC	Maximum disconnection	Overcurrent protective devices BS EN Number	Overcurrent protective devices Type No.	Overcurrent protective devices Rating (A)	Breaking capacity (KA)	RCD operating (mA)	BS 7671 Max. permitted Zs Other 80% (Ω)	Circuit impedance Ω Ring final circuits only (measured end-to-end) r1	r1	rn	r2	Fig 8 check (✓)	All circuits to be completed using R1R2 or R2, not both R1 + R2	R2	Insulation resistance (Record lower reading) Test voltage V	L/L, L/N M(Ω)	L/E, N/E M(Ω)	Polarity (✓)	Max. Measured Zs (Ω)	RCD testing Above 30mA IΔn ms	RCD testing 30mA or below 5 IΔn ms	Manual test button operation RCD (✓)	AFDD (✓)
1/L2	Room 2 Sockets	A	B	6	2.5	1.5	0.4	60898 MCB	B	10	6	N/A	3.49	N/A	N/A	N/A	N/A	0.16	N/A	250	LIM	>299	✓	0.53	N/A	N/A	N/A	N/A
2/L2	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
3/L2	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
4/L2	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

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

Date(s) dead testing: 11/07/2022 To 11/07/2022
Date(s) live testing: 11/07/2022 To 11/07/2022

Tested by: Name (capital letters): LIAM KIMBLE Position: Electrical Test Engineer Date: 11/07/2022
Signature:

Wiring Types. **A** PVC/PVC, **B** PVC cables in metallic Conduit, **C** PVC cables in non-metallic Conduit, **D** PVC cables in metallic trunking, **E** PVC cables in non-metallic trunking, **F** PVC/SWA cables, **G** SWA/XPLE cables, **H** Mineral Insulated, **MW** Metal Work, **FM** Ferrous Metal, **O** Other

ELECTRICAL INSTALLATION CONDITION REPORT - Schedule of Tests

FT/EICR 110147629

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

phs Compliance

Company Name	PHS Compliance	**Company Address**	Kid Glove Road	**Postcode**	WA3 3GR	**Branch No.**		**Scheme No.**	
Client	UPP Residential Services Ltd	**Installation Address**	Swansea University Bay Campus - Elinor 14, Reception - Ground Floor Tower Information Centre, Fabian Way, Crymlyn Burrows, Swansea					**Postcode**	SA1 8EN

Distribution board details - Complete in every case

Location: Room 1 Riser 2nd Floor [Schneider]
Designation: DB CL3/6
Num. of ways: 4 Num. of phases: 1
Supply polarity confirmed: ☑ Phase sequence confirmed: ☐

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

Supply to distribution board is from: Sub Mains(DB CL3, 6/L2)
Overcurrent protective device for the distribution circuit: BS(EN) 61009 RCD/RCBO Type C Rating 32 A Voltage 230 V

Characteristics at this distribution board

Associated RCD(if any): BS (EN) 61009
Z_d 0.45 Ω No. of poles 2
I_{pf} 0.51 kA IΔn 30
Time delay (if applicable) N/A
Above 30mA (if applicable): Operating at 1 IΔn 29.0 ms
30mA or below: Operating at 5 IΔn 28.0 ms

Test instrument serial number(s)

Loop impedance 080408/5657
Insulation resistance 080408/5657
Continuity 080408/5657
RCD 080408/5657

CIRCUIT DETAILS / TEST RESULTS

Circuit No. and Line No.	Distribution board Designation: DB CL3/6 Circuit designation	Type of wiring	Ref. method	No. of points	Circuit conductors csa (mm²) L / N	Circuit conductors csa (mm²) CPC	Maximum disconnection	Overcurrent protective devices BS EN Number	Overcurrent protective devices Type No.	Overcurrent protective devices Rating (A)	Breaking capacity (KA)	RCD operating (mA)	BS 7671 Max. permitted Zs Other 80% (Ω)	Circuit impedance Ω Ring final circuits only (measured end-to-end) r1	rn	r2	Fig 8 check (✓)	All circuits to be completed using R1R2 or R2, not both R1 + R2	R2	Insulation resistance (Record lower reading) Test voltage V	L/L, L/N M(Ω)	L/E, N/E M(Ω)	Polarity (✓)	Max. Measured Zs (Ω)	RCD testing Above 30mA IΔn ms	RCD testing 30mA or below 5 IΔn ms	Manual test button operation RCD (✓)	Manual test button operation AFDD (✓)
1/L2	Room 1 Sockets	A	B	6	2.5	1.5	0.4	60898 MCB	B	10	6	N/A	3.49	N/A	N/A	N/A	N/A	0.05	N/A	250	LIM	>299	✓	0.50	N/A	N/A	N/A	N/A
2/L2	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
3/L2	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
4/L2	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

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

Date(s) dead testing: 11/07/2022 To 11/07/2022
Date(s) live testing: 11/07/2022 To 11/07/2022

Tested by: Name (capital letters): LIAM KIMBLE Position: Electrical Test Engineer Date: 11/07/2022
Signature:

Wiring Types. **A** PVC/PVC, **B** PVC cables in metallic Conduit, **C** PVC cables in non-metallic Conduit, **D** PVC cables in metallic trunking, **E** PVC cables in non-metallic trunking, **F** PVC/SWA cables, **G** SWA/XPLE cables, **H** Mineral Insulated, **MW** Metal Work, **FM** Ferrous Metal, **O** Other

ELECTRICAL INSTALLATION CONDITION REPORT - Schedule of Tests

FT/EICR: 110147629

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

phs Compliance

Company Name	PHS Compliance	**Company Address**	Kid Glove Road	**Postcode**	WA3 3GR	**Branch No.**	**Scheme No.**
Client	UPP Residential Services Ltd	**Installation Address**	Swansea University Bay Campus - Elinor 14, Reception - Ground Floor Tower Information Centre, Fabian Way, Crymlyn Burrows, Swansea	**Postcode**	SA1 8EN		

Distribution board details - Complete in every case

Location: Ground Floor Kitchen (Schneider)
Designation: DB CL3
Num. of ways: 18 Num. of phases: 1
Supply polarity confirmed: ☑ Phase sequence confirmed: ☐

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

Supply to distribution board is from: Sub Mains(Busbar, 5/L2)
Overcurrent protective device for the distribution circuit: BS(EN) 88-2 HRC; Type gG; Rating 63 A; Voltage 230 V

Characteristics at this distribution board

Associated RCD(if any): BS (EN) N/A
Z_d 0.15 Ω; I_{pf} 1.59 kA
No. of poles NA
IΔn N/A
Time delay (if applicable) NA
Above 30mA (if applicable): Operating at 1 IΔn N/A ms; 30mA or below: Operating at 5 IΔn N/A ms

Test instrument serial number(s)

Loop impedance 080408/5756
Insulation resistance 080408/5756
Continuity 080408/5756
RCD 080408/5756

CIRCUIT DETAILS / TEST RESULTS

Circuit No. and Line No.	Distribution board Designation / Circuit designation	Type of wiring	Ref. method	No. of points	Circuit conductors csa (mm²) L / N	Circuit conductors csa (mm²) CPC	Maximum disconnection	Overcurrent protective devices BS EN Number	Overcurrent protective devices Type No.	Overcurrent protective devices Rating (A)	Breaking capacity (KA)	RCD operating (mA)	BS 7671 Max. permitted Zs Other 80% (Ω)	Circuit impedance Ω: Ring final circuits only (measured end-to-end) r1	r1 + rn	r2	Fig 8 check (✓)	All circuits to be completed using R1R2 or R2, not both: R1 + R2	R2	Insulation resistance (Record lower reading): Test voltage V	L/L, L/N M(Ω)	L/E, N/E M(Ω)	Polarity (✓)	Max. Measured Zs (Ω)	RCD testing: Above 30mA IΔn ms	30mA or below 5 IΔn ms	Manual test button operation: RCD (✓)	AFDD (✓)
1/L2	Common Room Lights	A	B	1	1.5	1	0.4	61009 RCD/	C	10	10	30	1.75	N/A	N/A	N/A	N/A	0.39	N/A	250	LIM	>299	✓	0.59	30.0	19.8	✓	N/A
2/L2	Bedroom Lights 2,3,4	A	B	9	1.5	1	0.4	61009 RCD/	C	10	10	30	1.75	N/A	N/A	N/A	N/A	0.64	N/A	250	LIM	>299	✓	0.72	28.9	20.4	✓	N/A
3/L2	Bedroom Lights 5,6,7	A	B	6	1.5	1	0.4	61009 RCD/	C	10	10	30	1.75	N/A	N/A	N/A	N/A	0.42	N/A	250	LIM	>299	✓	0.58	30.0	18.8	✓	N/A
4/L2	Bedroom Lights 1,8	A	B	9	1.5	1	0.4	61009 RCD/	C	10	10	30	1.75	N/A	N/A	N/A	N/A	0.40	N/A	250	LIM	>299	✓	0.63	28.9	22.8	✓	N/A
5/L2	Bedroom Lights	A	B	6	1.5	1	0.4	61009 RCD/	C	10	10	30	1.75	N/A	N/A	N/A	N/A	0.45	N/A	250	LIM	>299	✓	0.56	28.9	24.5	✓	N/A
6/L2	Sub Mains(DB CL3/6-1, DB CL3/6)	A	B	6	2x2.5	2x1.5	5	61009 RCD/RCBO	C	32	10	30	0.54	0.48	0.48	0.65	✓	0.28	N/A	250	LIM	>299	✓	0.45	29.0	28.0	✓	N/A
7/L2	Sub Mains(DB CL3/7, DB CL3/7-1, DB CL3/7-2)	A	B	9	2x2.5	2x1.5	5	61009 RCD/RCBO	C	32	10	30	0.54	0.52	0.48	0.60	✓	0.28	N/A	250	LIM	>299	✓	0.39	28.5	27.6	✓	N/A
8/L2	Sub Mains(DB CL3/8, DB CL3/8-1)	A	B	6	2x2.5	2x1.5	5	61009 RCD/RCBO	C	32	10	30	0.54	0.35	0.38	0.53	✓	0.22	N/A	250	LIM	>299	✓	0.37	22.5	18.9	✓	N/A
9/L2	Sub Mains(DB CL3/9-1, DB CL3/9, DB CL3/9-2)	A	B	9	2x2.5	2x1.5	5	61009 RCD/RCBO	C	32	10	30	0.54	0.47	0.44	0.52	✓	0.25	N/A	250	LIM	>299	✓	0.44	38.5	21.0	✓	N/A
10/L2	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/L2	Kitchen Ring Main 1	A	B	5	2x2.5	2x1.5	0.4	61009 RCD/	C	32	10	30	0.54	0.27	0.27	0.41	✓	0.17	N/A	250	LIM	>299	✓	0.27	27.4	27.0	✓	N/A
12/L2	Kitchen Ring Main 2	A	B	1	2x2.5	2x1.5	0.4	61009 RCD/	C	32	10	30	0.54	0.27	0.27	0.41	N/A	0.17	N/A	250	LIM	>299	✓	0.32	32.4	23.6	✓	N/A
13/L2	Hob 1	A	B	1	6	2.5	0.4	61009 RCD/	C	32	10	30	0.54	N/A	N/A	N/A	N/A	0.12	N/A	250	LIM	>299	✓	0.40	30.9	28.4	✓	N/A
14/L2	Hob 2	A	E	1	6	2.5	0.4	61009 RCD/	C	32	10	30	0.54	N/A	N/A	N/A	N/A	0.17	N/A	250	LIM	>299	✓	0.35	25.4	16.4	✓	N/A
15/L2	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
16/L2	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

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

Date(s) dead testing: 11/07/2022 To 11/07/2022

Date(s) live testing: 11/07/2022 To 11/07/2022

Tested by: Name (capital letters): LIAM KIMBLE Position: Electrical Test Engineer Date: 11/07/2022

Signature

Wiring Types. **A** PVC/PVC, **B** PVC cables in metallic Conduit, **C** PVC cables in non-metallic Conduit, **D** PVC cables in metallic trunking, **E** PVC cables in non-metallic trunking, **F** PVC/SWA cables, **G** SWA/XPLE cables, **H** Mineral Insulated, **MW** Metal Work, **FM** Ferrous Metal, **O** Other

ELECTRICAL INSTALLATION CONDITION REPORT - Schedule of Tests

FT/ EICR 110147629

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

phs Compliance

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

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

Date(s) dead testing 11/07/2022 To 11/07/2022

Date(s) live testing 11/07/2022 To 11/07/2022

Tested by: Name (capital letters) LIAM KIMBLE

Position Electrical Test Engineer

Date 11/07/2022

Signature

Wiring Types. **A** PVC/PVC, **B** PVC cables in metallic Conduit, **C** PVC cables in non-metallic Conduit, **D** PVC cables in metallic trunking, **E** PVC cables in non-metallic trunking, **F** PVC/SWA cables, **G** SWA/XPLE cables, **H** Mineral Insulated, **MW** Metal Work, **FM** Ferrous Metal, **O** Other

ELECTRICAL INSTALLATION CONDITION REPORT - Schedule of Tests

FT/EICR 110147629

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

phs Compliance

Company Name	PHS Compliance	**Company Address**	Kid Glove Road	**Postcode**	WA3 3GR	**Branch No.**		**Scheme No.**	
Client	UPP Residential Services Ltd	**Installation Address**	Swansea University Bay Campus - Elinor 14, Reception - Ground Floor Tower Information Centre, Fabian Way, Crymlyn Burrows, Swansea	**Postcode**	SA1 8EN				

Distribution board details - Complete in every case

Location: Room 9 Riser 6th Floor [Schneider]
Designation: DB CL7/9-2
Num. of ways: 4 Num. of phases: 1
Supply polarity confirmed: ☑ Phase sequence confirmed: ☐

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

Supply to distribution board is from: Sub Mains(DB CL7, 9/L3)
Overcurrent protective device for the distribution circuit: BS(EN) 61009 RCD/RCBO Type C Rating 32 A Voltage 230 V

Characteristics at this distribution board

Associated RCD(if any): BS (EN) 61009
Z_d 0.41 Ω No. of poles 2
I_{pf} 0.58 kA IΔn 30
Time delay (if applicable) N/A
Above 30mA (if applicable): Operating at 1 IΔn 28.6 ms
30mA or below: Operating at 5 IΔn 28.7 ms

Test instrument serial number(s)

Loop impedance 080408/5657
Insulation resistance 080408/5657
Continuity 080408/5657
RCD 080408/5657

CIRCUIT DETAILS / TEST RESULTS

Circuit No. and Line No.	Distribution board Designation / Circuit designation	Type of wiring	Ref. method	No. of points	Circuit conductors csa (mm²) L / N	Circuit conductors csa (mm²) CPC	Maximum disconnection	Overcurrent protective devices BS EN Number	Overcurrent protective devices Type No.	Overcurrent protective devices Rating (A)	Breaking capacity (KA)	RCD operating (mA)	BS 7671 Max. permitted Zs Other 80% (Ω)	Circuit impedance Ω Ring final circuits only (measured end-to-end) r1	rn	r2	Fig 8 check (✓)	All circuits to be completed using R1R2 or R2, not both R1 + R2	R2	Insulation resistance (Record lower reading) Test voltage V	L/L, L/N M(Ω)	L/E, N/E M(Ω)	Polarity (✓)	Max. Measured Zs (Ω)	RCD testing Above 30mA IΔn ms	RCD testing 30mA or below 5 IΔn ms	Manual test button operation RCD (✓)	Manual test button operation AFDD (✓)
1/L3	Room 9 Sockets	A	B	6	2.5	1.5	0.4	60898 MCB	B	10	6	N/A	3.49	N/A	N/A	N/A	N/A	0.12	N/A	250	LIM	>299	✓	0.58	N/A	N/A	N/A	N/A
2/L3	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
3/L3	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
4/L3	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Details of circuits and/or installed equipment vulnerable to damage when testing: Date(s) dead testing 11/07/2022 To 11/07/2022 Date(s) live testing 11/07/2022 To 11/07/2022

Tested by: Name (capital letters) LIAM KIMBLE Position Electrical Test Engineer Date 11/07/2022 Signature

Wiring Types. **A** PVC/PVC, **B** PVC cables in metallic Conduit, **C** PVC cables in non-metallic Conduit, **D** PVC cables in metallic trunking, **E** PVC cables in non-metallic trunking, **F** PVC/SWA cables, **G** SWA/XPLE cables, **H** Mineral Insulated, **MW** Metal Work, **FM** Ferrous Metal, **O** Other

ELECTRICAL INSTALLATION CONDITION REPORT - Schedule of Tests

FT/EICR: 110147629

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

Company Name	PHS Compliance	**Company Address**	Kid Glove Road	**Postcode**	WA3 3GR	**Branch No.**		**Scheme No.**	
Client	UPP Residential Services Ltd	**Installation Address**	Swansea University Bay Campus - Elinor 14, Reception - Ground Floor Tower Information Centre, Fabian Way, Crymlyn Burrows, Swansea					**Postcode**	SA1 8EN

Distribution board details - Complete in every case

Location: Room 5 Riser 2nd Floor [Schneider]
Designation: DB CL3/8
Num. of ways: 4 Num. of phases: 1
Supply polarity confirmed: ☑ Phase sequence confirmed: ☐

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

Supply to distribution board is from: Sub Mains(DB CL3, 8/L2)
Overcurrent protective device for the distribution circuit: BS(EN) 61009 RCD/RCBO Type C Rating 32 A Voltage 230 V

Characteristics at this distribution board

Associated RCD(if any): BS (EN) 61009
Z_d 0.37 Ω
I_{pf} 0.63 kA
Time delay (if applicable) N/A
Operating at 1 IΔn 22.5 ms
No. of poles 2
IΔn 30
Operating at 5 IΔn 18.9 ms
Above 30mA 30mA or below (if applicable)

Test instrument serial number(s)

Loop impedance 080408/5657
Insulation resistance 080408/5657
Continuity 080408/5657
RCD 080408/5657

CIRCUIT DETAILS / TEST RESULTS

Circuit No. and Line No.	Distribution board Designation / Circuit designation	Type of wiring	Ref. method	No. of points	Circuit conductors csa (mm²) L / N	Circuit conductors csa (mm²) CPC	Maximum disconnection	Overcurrent protective devices BS EN Number	Overcurrent protective devices Type No.	Overcurrent protective devices Rating (A)	Breaking capacity (KA)	RCD operating (mA)	BS 7671 Max. permitted Zs Other 80% (Ω)	Circuit impedance Ω Ring final circuits only (measured end-to-end) r1	r1	rn	r2	Fig 8 check (✓)	All circuits to be completed using R1R2 or R2, not both R1 + R2	R2	Insulation resistance (Record lower reading) Test voltage V	L/L, L/N M(Ω)	L/E, N/E M(Ω)	Polarity (✓)	Max. Measured Zs (Ω)	RCD testing Above 30mA IΔn ms	RCD testing 30mA or below 5 IΔn ms	Manual test button operation RCD (✓)	AFDD (✓)
1/L2	Room 5 Sockets	A	B	6	2.5	1.5	0.4	60898 MCB	B	10	6	N/A	3.49	N/A	N/A	N/A	N/A	N/A	0.16	N/A	250	LIM	>299	✓	0.64	N/A	N/A	N/A	N/A
2/L2	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
3/L2	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
4/L2	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

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

Date(s) dead testing: 11/07/2022 To 11/07/2022
Date(s) live testing: 11/07/2022 To 11/07/2022

Tested by: Name (capital letters): LIAM KIMBLE Position: Electrical Test Engineer Date: 11/07/2022
Signature:

Wiring Types. **A** PVC/PVC, **B** PVC cables in metallic Conduit, **C** PVC cables in non-metallic Conduit, **D** PVC cables in metallic trunking, **E** PVC cables in non-metallic trunking, **F** PVC/SWA cables, **G** SWA/XPLE cables, **H** Mineral Insulated, **MW** Metal Work, **FM** Ferrous Metal, **O** Other

ELECTRICAL INSTALLATION CONDITION REPORT - Schedule of Tests

FT/EICR: 110147629

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

phs Compliance

Company Name	PHS Compliance	**Company Address**	Kid Glove Road	**Postcode**	WA3 3GR	**Branch No.**		**Scheme No.**	
Client	UPP Residential Services Ltd	**Installation Address**	Swansea University Bay Campus - Elinor 14, Reception - Ground Floor Tower Information Centre, Fabian Way, Crymlyn Burrows, Swansea					**Postcode**	SA1 8EN

Distribution board details - Complete in every case

Location: Room 4 Riser 3rd Floor [Schneider]
Designation: DB CL4/7-2
Num. of ways: 4 Num. of phases: 1
Supply polarity confirmed: ☑ Phase sequence confirmed: ☐

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

Supply to distribution board is from: Sub Mains(DB CL4, 7/L3)
Overcurrent protective device for the distribution circuit: BS(EN) 61009 RCD/RCBO Type C Rating 32 A Voltage 230 V

Characteristics at this distribution board

Associated RCD(if any): BS (EN) 61009
Z_d 0.37 Ω No. of poles 2
I_{pf} 0.62 kA IΔn 30
Time delay (if applicable) N/A
Above 30mA (if applicable): Operating at 1 IΔn 28.6 ms
30mA or below: Operating at 5 IΔn 22.4 ms

Test instrument serial number(s)

Loop impedance: 080408/5657
Insulation resistance: 080408/5657
Continuity: 080408/5657
RCD: 080408/5657

CIRCUIT DETAILS / TEST RESULTS

Circuit No. and Line No.	Distribution board Designation / Circuit designation	Type of wiring	Ref. method	No. of points	Circuit conductors csa (mm²) L / N	Circuit conductors csa (mm²) CPC	Maximum disconnection	Overcurrent protective devices BS EN Number	Overcurrent protective devices Type No.	Overcurrent protective devices Rating (A)	Breaking capacity (KA)	RCD operating (mA)	BS 7671 Max. permitted Zs Other 80% (Ω)	Circuit impedance Ω Ring final circuits only (measured end-to-end) r1	r2	rn	Fig 8 check (✓)	All circuits to be completed using R1R2 or R2, not both R1 + R2	R2	Insulation resistance (Record lower reading) Test voltage V	L/L, L/N M(Ω)	L/E, N/E M(Ω)	Polarity (✓)	Max. Measured Zs (Ω)	RCD testing Above 30mA IΔn ms	30mA or below 5 IΔn ms	Manual test button operation RCD (✓)	AFDD (✓)
	DB CL4/7-2																											
1/L3	Room 4 Sockets	A	B	6	2.5	1.5	0.4	60898 MCB	B	10	6	N/A	3.49	N/A	N/A	N/A	N/A	0.08	N/A	250	LIM	>299	✓	0.46	N/A	N/A	N/A	N/A
2/L3	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
3/L3	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
4/L3	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Details of circuits and/or installed equipment vulnerable to damage when testing: Date(s) dead testing 11/07/2022 To 11/07/2022 Date(s) live testing 11/07/2022 To 11/07/2022

Tested by: Name (capital letters) LIAM KIMBLE Position Electrical Test Engineer Date 11/07/2022 Signature

Wiring Types. **A** PVC/PVC, **B** PVC cables in metallic Conduit, **C** PVC cables in non-metallic Conduit, **D** PVC cables in metallic trunking, **E** PVC cables in non-metallic trunking, **F** PVC/SWA cables, **G** SWA/XPLE cables, **H** Mineral Insulated, **MW** Metal Work, **FM** Ferrous Metal, **O** Other

ELECTRICAL INSTALLATION CONDITION REPORT - Schedule of Tests

FT/EICR: 110147629

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

phs Compliance

Company Name	PHS Compliance	**Company Address**	Kid Glove Road	**Postcode**	WA3 3GR	**Branch No.**	**Scheme No.**
Client	UPP Residential Services Ltd	**Installation Address**	Swansea University Bay Campus - Elinor 14, Reception - Ground Floor Tower Information Centre, Fabian Way, Crymlyn Burrows, Swansea	**Postcode**	SA1 8EN		

Distribution board details - Complete in every case

Location: Room 4 Riser 6th Floor [Schneider]
Designation: DB CL7/7-2
Num. of ways: 4 Num. of phases: 1
Supply polarity confirmed: ☑ Phase sequence confirmed: ☐

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

Supply to distribution board is from: Sub Mains(DB CL7, 7/L3)
Overcurrent protective device for the distribution circuit: BS(EN) 61009 RCD/RCBO Type C Rating 32 A Voltage 230 V

Characteristics at this distribution board

Associated RCD(if any): BS (EN) 61009
Z_d 0.38 Ω No. of poles 2
I_{pf} 0.60 kA IΔn 30
Time delay (if applicable) N/A
Above 30mA (if applicable): Operating at 1 IΔn 28.4 ms
30mA or below: Operating at 5 IΔn 28.7 ms

Test instrument serial number(s)

Loop impedance: 080408/5657
Insulation resistance: 080408/5657
Continuity: 080408/5657
RCD: 080408/5657

CIRCUIT DETAILS / TEST RESULTS

Circuit No. and Line No.	Distribution board Designation / Circuit designation	Type of wiring	Ref. method	No. of points	Circuit conductors csa (mm²) L / N	Circuit conductors csa (mm²) CPC	Maximum disconnection	Overcurrent protective devices BS EN Number	Overcurrent protective devices Type No.	Overcurrent protective devices Rating (A)	Breaking capacity (KA)	RCD operating (mA)	BS 7671 Max. permitted Zs Other 80% (Ω)	Circuit impedance Ω Ring final circuits only (measured end-to-end) r1	rn	r2	Fig 8 check (✓)	All circuits to be completed using R1R2 or R2, not both R1 + R2	R2	Insulation resistance (Record lower reading) Test voltage V	L/L, L/N M(Ω)	L/E, N/E M(Ω)	Polarity (✓)	Max. Measured Zs (Ω)	RCD testing Above 30mA IΔn ms	RCD testing 30mA or below 5 IΔn ms	Manual test button operation RCD (✓)	Manual test button operation AFDD (✓)
1/L3	Room 4 Sockets	A	B	6	2.5	1.5	0.4	60898 MCB	B	10	6	N/A	3.49	N/A	N/A	N/A	N/A	0.14	N/A	250	LIM	>299	✓	0.64	N/A	N/A	N/A	N/A
2/L3	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
3/L3	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
4/L3	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Details of circuits and/or installed equipment vulnerable to damage when testing: Date(s) dead testing 11/07/2022 To 11/07/2022 Date(s) live testing 11/07/2022 To 11/07/2022

Tested by: Name (capital letters) LIAM KIMBLE Position Electrical Test Engineer Date 11/07/2022 Signature

Wiring Types. **A** PVC/PVC, **B** PVC cables in metallic Conduit, **C** PVC cables in non-metallic Conduit, **D** PVC cables in metallic trunking, **E** PVC cables in non-metallic trunking, **F** PVC/SWA cables, **G** SWA/XPLE cables, **H** Mineral Insulated, **MW** Metal Work, **FM** Ferrous Metal, **O** Other

ELECTRICAL INSTALLATION CONDITION REPORT - Schedule of Tests

FT/EICR 110147629

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

phs Compliance

Company Name	PHS Compliance	**Company Address**	Kid Glove Road	**Postcode**	WA3 3GR	**Branch No.**	**Scheme No.**
Client	UPP Residential Services Ltd	**Installation Address**	Swansea University Bay Campus - Elinor 14, Reception - Ground Floor Tower Information Centre, Fabian Way, Crymlyn Burrows, Swansea	**Postcode**	SA1 8EN		

Distribution board details - Complete in every case

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

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

Supply to distribution board is from: Sub Mains(MSP, 7/TP)
Overcurrent protective device for the distribution circuit: BS(EN) 60947 MCCB; Type N/A; Rating 63 A; Voltage 400/230 V

Characteristics at this distribution board

Associated RCD(if any): BS (EN) N/A
Z_d 0.12 Ω No. of poles N/A
I_{pf} 4.0 kA IΔn N/A
Time delay (if applicable) N/A
Above 30mA (if applicable): Operating at 1 IΔn N/A ms; 30mA or below: Operating at 5 IΔn N/A ms

Test instrument serial number(s)

Loop impedance 080408/5657
Insulation resistance 080408/5657
Continuity 080408/5657
RCD 080408/5657

CIRCUIT DETAILS / TEST RESULTS

Circuit No. and Line No.	Circuit designation	Type of wiring	Ref. method	No. of points	Circuit conductors csa (mm²) L/N	Circuit conductors csa (mm²) CPC	Maximum disconnection	Overcurrent protective devices: BS EN Number	Type No.	Rating (A)	Breaking capacity (KA)	RCD operating (mA)	BS 7671 Max. permitted Zs Other 80% (Ω)	Circuit impedance Ω: Ring final circuits only (measured end-to-end) r1	rn	r2	Fig 8 check (✓)	All circuits to be completed using R1R2 or R2, not both: R1 + R2	R2	Insulation resistance (Record lower reading): Test voltage V	L/L, L/N M(Ω)	L/E, N/E M(Ω)	Polarity (✓)	Max. Measured Zs (Ω)	RCD testing: Above 30mA IΔn ms	30mA or below 5 IΔn ms	Manual test button operation: RCD (✓)	AFDD (✓)
1/TP	Lift	O	E	1	16	16	0.4	60898 MCB	C	32	10	N/A	0.54	N/A	N/A	N/A	N/A	LIM	N/A	250	LIM	>299	LIM	LIM	N/A	N/A	N/A	N/A
2/L1	Fire Alarm Panel	O	E	1	2.5	2.5	0.4	60898 MCB	C	10	10	N/A	1.75	N/A	N/A	N/A	N/A	LIM	N/A	LIM	LIM	LIM	✓	0.20	N/A	N/A	N/A	N/A
2/L2	Refuge Alarm	O	E	1	2.5	2.5	0.4	60898 MCB	C	10	10	N/A	1.75	N/A	N/A	N/A	N/A	LIM	N/A	LIM	LIM	LIM	✓	0.24	N/A	N/A	N/A	N/A
2/L3	Stair Lights G & 1st Floor	O	E	12	1.5	1.5	0.4	60898 MCB	C	10	10	N/A	1.75	N/A	N/A	N/A	N/A	0.47	N/A	250	LIM	>299	✓	0.62	N/A	N/A	N/A	N/A
3/L1	Stair Lights 2nd & 3rd Floor	O	E	12	1.5	1.5	0.4	60898 MCB	C	10	10	N/A	1.75	N/A	N/A	N/A	N/A	0.60	N/A	250	LIM	>299	✓	0.68	N/A	N/A	N/A	N/A
3/L2	Stair Lights 4th & 5th	O	E	12	1.5	1.5	0.4	60898 MCB	C	10	10	N/A	1.75	N/A	N/A	N/A	N/A	0.59	N/A	250	LIM	>299	✓	0.78	N/A	N/A	N/A	N/A
3/L3	Stair Lights 6th - 8th Floor	O	E	12	1.5	1.5	0.4	60898 MCB	C	10	10	N/A	1.75	N/A	N/A	N/A	N/A	0.42	N/A	250	LIM	>299	✓	0.66	N/A	N/A	N/A	N/A
4/L1	ADVs Floors 1-3	O	E	6	2.5	2.5	0.4	60898 MCB	C	10	10	N/A	1.75	N/A	N/A	N/A	N/A	0.14	N/A	250	LIM	>299	✓	0.30	N/A	N/A	N/A	N/A
4/L2	ADVs Floors 4-6	O	E	6	2.5	2.5	0.4	60898 MCB	C	10	10	N/A	1.75	N/A	N/A	N/A	N/A	0.22	N/A	250	LIM	>299	✓	0.36	N/A	N/A	N/A	N/A
4/L3	ADVs Floor 7-8	O	E	4	2.5	2.5	0.4	60898 MCB	C	10	10	N/A	1.75	N/A	N/A	N/A	N/A	0.11	N/A	250	LIM	>299	✓	0.33	N/A	N/A	N/A	N/A
5/TP	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
6/TP	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
7/TP	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
8/TP	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
9/TP	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/TP	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/TP	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

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

Date(s) dead testing 11/07/2022 To 11/07/2022

Date(s) live testing 11/07/2022 To 11/07/2022

Tested by: Name (capital letters) LIAM KIMBLE Position Electrical Test Engineer Date 11/07/2022

Signature

Wiring Types. **A** PVC/PVC, **B** PVC cables in metallic Conduit, **C** PVC cables in non-metallic Conduit, **D** PVC cables in metallic trunking, **E** PVC cables in non-metallic trunking, **F** PVC/SWA cables, **G** SWA/XPLE cables, **H** Mineral Insulated, **MW** Metal Work, **FM** Ferrous Metal, **O** Other

ELECTRICAL INSTALLATION CONDITION REPORT - Schedule of Tests

FT/ EICR 110147629

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

phs Compliance

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

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

Date(s) dead testing 11/07/2022 To 11/07/2022

Date(s) live testing 11/07/2022 To 11/07/2022

Tested by: Name (capital letters) LIAM KIMBLE Position Electrical Test Engineer Date 11/07/2022

Signature

Wiring Types. **A** PVC/PVC, **B** PVC cables in metallic Conduit, **C** PVC cables in non-metallic Conduit, **D** PVC cables in metallic trunking, **E** PVC cables in non-metallic trunking, **F** PVC/SWA cables, **G** SWA/XPLE cables, **H** Mineral Insulated, **MW** Metal Work, **FM** Ferrous Metal, **O** Other

4th Floor, Mill 3, Pleasley Vale Business Park, Mansfield, Nottinghamshire NG19 8RL

ELECTRICAL INSTALLATION CONDITION REPORT - Schedule of Tests

FT/EICR 110147629

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

phs Compliance

Company Name	PHS Compliance	**Company Address**	Kid Glove Road	**Postcode**	WA3 3GR	**Branch No.**		**Scheme No.**	
Client	UPP Residential Services Ltd	**Installation Address**	Swansea University Bay Campus - Elinor 14, Reception - Ground Floor Tower Information Centre, Fabian Way, Crymlyn Burrows, Swansea	**Postcode**	SA1 8EN				

Distribution board details - Complete in every case

Location: Room 2 Riser 2nd Floor [Schneider]
Designation: DB CL3/7
Num. of ways: 4 Num. of phases: 1
Supply polarity confirmed: ☑ Phase sequence confirmed: ☐

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

Supply to distribution board is from: Sub Mains(DB CL3, 7/L2)
Overcurrent protective device for the distribution circuit: BS(EN) 61009 RCD/RCBO Type C Rating 32 A Voltage 230 V

Characteristics at this distribution board

Associated RCD(if any): BS (EN) 61009
Z_d 0.39 Ω No. of poles 2
I_{pf} 0.59 kA IΔn 30
Time delay (if applicable) N/A
Above 30mA (if applicable): Operating at 1 IΔn 28.5 ms
30mA or below: Operating at 5 IΔn 27.6 ms

Test instrument serial number(s)

Loop impedance 080408/5657
Insulation resistance 080408/5657
Continuity 080408/5657
RCD 080408/5657

CIRCUIT DETAILS / TEST RESULTS

Circuit No. and Line No.	Distribution board Designation / Circuit designation	Type of wiring	Ref. method	No. of points	Circuit conductors csa (mm²) L / N	Circuit conductors csa (mm²) CPC	Maximum disconnection	Overcurrent protective devices BS EN Number	Overcurrent protective devices Type No.	Overcurrent protective devices Rating (A)	Breaking capacity (KA)	RCD operating (mA)	BS 7671 Max. permitted Zs Other 80% (Ω)	Circuit impedance Ω Ring final circuits only (measured end-to-end) r1	rn	r2	Fig 8 check (✓)	All circuits to be completed using R1R2 or R2, not both R1 + R2	R2	Insulation resistance (Record lower reading) Test voltage V	L/L, L/N M(Ω)	L/E, N/E M(Ω)	Polarity (✓)	Max. Measured Zs (Ω)	RCD testing Above 30mA IΔn ms	RCD testing 30mA or below 5 IΔn ms	Manual test button operation RCD (✓)	Manual test button operation AFDD (✓)
1/L2	Room 2 Sockets	A	B	6	2.5	1.5	0.4	60898 MCB	B	10	6	N/A	3.49	N/A	N/A	N/A	N/A	0.10	N/A	250	LIM	>299	✓	0.57	N/A	N/A	N/A	N/A
2/L2	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
3/L2	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
4/L2	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Details of circuits and/or installed equipment vulnerable to damage when testing: Date(s) dead testing 11/07/2022 To 11/07/2022 Date(s) live testing 11/07/2022 To 11/07/2022

Tested by: Name (capital letters) LIAM KIMBLE Position Electrical Test Engineer Date 11/07/2022 Signature

Wiring Types. **A** PVC/PVC, **B** PVC cables in metallic Conduit, **C** PVC cables in non-metallic Conduit, **D** PVC cables in metallic trunking, **E** PVC cables in non-metallic trunking, **F** PVC/SWA cables, **G** SWA/XPLE cables, **H** Mineral Insulated, **MW** Metal Work, **FM** Ferrous Metal, **O** Other

ELECTRICAL INSTALLATION CONDITION REPORT - Schedule of Tests

FT/EICR 110147629

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

phs Compliance

Company Name	PHS Compliance	**Company Address**	Kid Glove Road	**Postcode**	WA3 3GR	**Branch No.**	**Scheme No.**
Client	UPP Residential Services Ltd	**Installation Address**	Swansea University Bay Campus - Elinor 14, Reception - Ground Floor Tower Information Centre, Fabian Way, Crymlyn Burrows, Swansea	**Postcode**	SA1 8EN		

Distribution board details - Complete in every case

Location: Riser Flat 1 Room 1 (Scheider)
Designation: DB/CL1.6.1
Num. of ways: 1 Num. of phases: 1
Supply polarity confirmed: ☑ Phase sequence confirmed: ☐

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

Supply to distribution board is from: Sub Mains(DB CL1, 6/L1)
Overcurrent protective device for the distribution circuit: BS(EN) 61009 RCD/RCBO Type C Rating 32 A Voltage 230 V

Characteristics at this distribution board

Associated RCD(if any): BS (EN) N/A
Z_d 0.43 Ω No. of poles N/A
I_{pf} 0.55 kA IΔn 30
Time delay (if applicable) NA
Above 30mA (if applicable): Operating at 1 IΔn 29.9 ms
30mA or below: Operating at 5 IΔn 22.0 ms

Test instrument serial number(s)

Loop impedance 080408/5756
Insulation resistance 080408/5756
Continuity 080408/5756
RCD 080408/5756

CIRCUIT DETAILS / TEST RESULTS

Circuit No. and Line No.	Distribution board Designation / Circuit designation	Type of wiring	Ref. method	No. of points	Circuit conductors csa (mm²) L / N	Circuit conductors csa (mm²) CPC	Maximum disconnection	Overcurrent protective devices BS EN Number	Overcurrent protective devices Type No.	Overcurrent protective devices Rating (A)	Breaking capacity (KA)	RCD operating (mA)	BS 7671 Max. permitted Zs Other 80% (Ω)	Circuit impedance Ω Ring final circuits only (measured end-to-end) r1	r n	r2	Fig 8 check (✓)	All circuits to be completed using R1R2 or R2, not both R1 + R2	R2	Insulation resistance (Record lower reading) Test voltage V	L/L, L/N M(Ω)	L/E, N/E M(Ω)	Polarity (✓)	Max. Measured Zs (Ω)	RCD testing Above 30mA IΔn ms	30mA or below 5 IΔn ms	Manual test button operation RCD (✓)	AFDD (✓)
1/L1	Sockets Room 1	A	E	1	2.5	1.5	0.4	60898 MCB	B	10	6	N/A	3.49	N/A	N/A	N/A	N/A	0.17	N/A	250	LIM	>299	✓	0.40	N/A	N/A	N/A	N/A

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

Date(s) dead testing: 11/07/2022 To 11/07/2022

Date(s) live testing: 11/07/2022 To 11/07/2022

Tested by: Name (capital letters): LIAM KIMBLE Position: Electrical Test Engineer Date: 11/07/2022

Signature:

Wiring Types. **A** PVC/PVC, **B** PVC cables in metallic Conduit, **C** PVC cables in non-metallic Conduit, **D** PVC cables in metallic trunking, **E** PVC cables in non-metallic trunking, **F** PVC/SWA cables, **G** SWA/XPLE cables, **H** Mineral Insulated, **MW** Metal Work, **FM** Ferrous Metal, **O** Other

ELECTRICAL INSTALLATION CONDITION REPORT - Schedule of Tests

FT/EICR 110147629

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

phs Compliance

Company Name	PHS Compliance	**Company Address**	Kid Glove Road	**Postcode**	WA3 3GR	**Branch No.**	**Scheme No.**
Client	UPP Residential Services Ltd	**Installation Address**	Swansea University Bay Campus - Elinor 14, Reception - Ground Floor Tower Information Centre, Fabian Way, Crymlyn Burrows, Swansea	**Postcode**	SA1 8EN		

Distribution board details - Complete in every case

Location: Riser Flat 1 Room 3 (Schneider)
Designation: DB/CL1.7.2
Num. of ways: 1 Num. of phases: 1
Supply polarity confirmed: ☑ Phase sequence confirmed: ☐

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

Supply to distribution board is from: Sub Mains(DB CL1, 7/L1)
Overcurrent protective device for the distribution circuit: BS(EN) 61009 RCD/RCBO Type C Rating 32 A Voltage 230 V

Characteristics at this distribution board

Associated RCD(if any): BS (EN) N/A
Z_d 0.40 Ω No. of poles N/A
I_{pf} 0.58 kA IΔn 30
Time delay (if applicable) NA
Above 30mA (if applicable): Operating at 1 IΔn 31.4 ms
30mA or below: Operating at 5 IΔn 29.0 ms

Test instrument serial number(s)

Loop impedance 080408/5756
Insulation resistance 080408/5756
Continuity 080408/5756
RCD 080408/5756

CIRCUIT DETAILS / TEST RESULTS

Circuit No. and Line No.	Distribution board Designation / Circuit designation	Type of wiring	Ref. method	No. of points	Circuit conductors csa (mm²) L / N	Circuit conductors csa (mm²) CPC	Maximum disconnection	Overcurrent protective devices BS EN Number	Overcurrent protective devices Type No.	Overcurrent protective devices Rating (A)	Breaking capacity (KA)	RCD operating (mA)	BS 7671 Max. permitted Zs Other 80% (Ω)	Circuit impedance Ω Ring final circuits only (measured end-to-end) r1	r2	rn	Fig 8 check (✓)	All circuits to be completed using R1R2 or R2, not both R1 + R2	R2	Insulation resistance (Record lower reading) Test voltage V	L/L, L/N M(Ω)	L/E, N/E M(Ω)	Polarity (✓)	Max. Measured Zs (Ω)	RCD testing Above 30mA IΔn ms	30mA or below 5 IΔn ms	Manual test button operation RCD (✓)	AFDD (✓)
1/L1	Sockets Room 3	A	E	1	2.5	1.5	0.4	60898 MCB	B	10	6	N/A	3.49	N/A	N/A	N/A	N/A	0.41	N/A	250	LIM	>299	✓	0.53	N/A	N/A	N/A	N/A

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

Date(s) dead testing: 11/07/2022 To 11/07/2022

Date(s) live testing: 11/07/2022 To 11/07/2022

Tested by: Name (capital letters): LIAM KIMBLE Position: Electrical Test Engineer Date: 11/07/2022

Signature:

Wiring Types. **A** PVC/PVC, **B** PVC cables in metallic Conduit, **C** PVC cables in non-metallic Conduit, **D** PVC cables in metallic trunking, **E** PVC cables in non-metallic trunking, **F** PVC/SWA cables, **G** SWA/XPLE cables, **H** Mineral Insulated, **MW** Metal Work, **FM** Ferrous Metal, **O** Other

ELECTRICAL INSTALLATION CONDITION REPORT - Schedule of Tests

FT/EICR: 110147629

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

phs Compliance

Company Name	PHS Compliance	**Company Address**	Kid Glove Road	**Postcode**	WA3 3GR	**Branch No.**	**Scheme No.**
Client	UPP Residential Services Ltd	**Installation Address**	Swansea University Bay Campus - Elinor 14, Reception - Ground Floor Tower Information Centre, Fabian Way, Crymlyn Burrows, Swansea	**Postcode**	SA1 8EN		

Distribution board details - Complete in every case

Location: Room 1 Riser 5th Floor [Schneider]
Designation: DB CL6/6
Num. of ways: 4 Num. of phases: 1
Supply polarity confirmed: ☑ Phase sequence confirmed: ☐

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

Supply to distribution board is from: Sub Mains(DB CL/6, 6/L2)
Overcurrent protective device for the distribution circuit: BS(EN) 61009 RCD/RCBO; Type C; Rating 32 A; Voltage 230 V

Characteristics at this distribution board

Associated RCD(if any): BS (EN) 61009
Z_d 0.34 Ω; I_{pf} 0.68 kA
No. of poles 2; IΔn 30
Time delay (if applicable) N/A
Above 30mA (if applicable): Operating at 1 IΔn 30.4 ms
30mA or below: Operating at 5 IΔn 18.4 ms

Test instrument serial number(s)

Loop impedance: 080408/5657
Insulation resistance: 080408/5657
Continuity: 080408/5657
RCD: 080408/5657

CIRCUIT DETAILS / TEST RESULTS

Circuit No. and Line No.	Distribution board Designation / Circuit designation	Type of wiring	Ref. method	No. of points	Circuit conductors csa (mm²) L / N	Circuit conductors csa (mm²) CPC	Maximum disconnection	Overcurrent protective devices BS EN Number	Overcurrent protective devices Type No.	Overcurrent protective devices Rating (A)	Breaking capacity (KA)	RCD operating (mA)	BS 7671 Max. permitted Zs Other 80% (Ω)	Circuit impedance Ω Ring final circuits only (measured end-to-end) r1	r1	rn	r2	Fig 8 check (✓)	All circuits to be completed using R1R2 or R2, not both R1 + R2	R2	Insulation resistance (Record lower reading) Test voltage V	L/L, L/N M(Ω)	L/E, N/E M(Ω)	Polarity (✓)	Max. Measured Zs (Ω)	RCD testing Above 30mA IΔn ms	RCD testing 30mA or below 5 IΔn ms	Manual test button operation RCD (✓)	AFDD (✓)
1/L2	Room 1 Sockets	A	B	6	2.5	1.5	0.4	60898 MCB	B	10	6	N/A	3.49	N/A	N/A	N/A	N/A	0.12	N/A	250	LIM	>299	✓	0.42	N/A	N/A	N/A	N/A
2/L2	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
3/L2	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
4/L2	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

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

Date(s) dead testing: 11/07/2022 To 11/07/2022
Date(s) live testing: 11/07/2022 To 11/07/2022

Tested by: Name (capital letters): LIAM KIMBLE Position: Electrical Test Engineer Date: 11/07/2022
Signature:

Wiring Types. **A** PVC/PVC, **B** PVC cables in metallic Conduit, **C** PVC cables in non-metallic Conduit, **D** PVC cables in metallic trunking, **E** PVC cables in non-metallic trunking, **F** PVC/SWA cables, **G** SWA/XPLE cables, **H** Mineral Insulated, **MW** Metal Work, **FM** Ferrous Metal, **O** Other

ELECTRICAL INSTALLATION CONDITION REPORT - Schedule of Tests

FT/EICR: 110147629

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

phs Compliance

Company Name	PHS Compliance	**Company Address**	Kid Glove Road	**Postcode**	WA3 3GR	**Branch No.**		**Scheme No.**	
Client	UPP Residential Services Ltd	**Installation Address**	Swansea University Bay Campus - Elinor 14, Reception - Ground Floor Tower Information Centre, Fabian Way, Crymlyn Burrows, Swansea	**Postcode**	SA1 8EN				

Distribution board details - Complete in every case

Location: Room 10 Riser 4th Floor [Schneider]
Designation: DB CL5/6-1
Num. of ways: 4 Num. of phases: 1
Supply polarity confirmed: ☑ Phase sequence confirmed: ☐

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

Supply to distribution board is from: Sub Mains(DB CL5, 6/L1)
Overcurrent protective device for the distribution circuit: BS(EN) 61009 RCD/RCBO Type C Rating 32 A Voltage 230 V

Characteristics at this distribution board

Associated RCD(if any): BS (EN) 61009
Z_d 0.34 Ω No. of poles 2
I_{pf} 0.68 kA IΔn 30
Time delay (if applicable) N/A
Above 30mA (if applicable): Operating at 1 IΔn 27.5 ms
30mA or below: Operating at 5 IΔn 24.5 ms

Test instrument serial number(s)

Loop impedance: 080408/5657
Insulation resistance: 080408/5657
Continuity: 080408/5657
RCD: 080408/5657

CIRCUIT DETAILS / TEST RESULTS

Circuit No. and Line No.	Distribution board Designation / Circuit designation	Type of wiring	Ref. method	No. of points	Circuit conductors csa (mm²) L / N	Circuit conductors csa (mm²) CPC	Maximum disconnection	Overcurrent protective devices BS EN Number	Overcurrent protective devices Type No.	Overcurrent protective devices Rating (A)	Breaking capacity (KA)	RCD operating (mA)	BS 7671 Max. permitted Zs Other 80% (Ω)	Circuit impedance Ω Ring final circuits only (measured end-to-end) r1	r n	r2	Fig 8 check (✓)	All circuits to be completed using R1R2 or R2, not both R1 + R2	R2	Insulation resistance (Record lower reading) Test voltage V	L/L, L/N M(Ω)	L/E, N/E M(Ω)	Polarity (✓)	Max. Measured Zs (Ω)	RCD testing Above 30mA IΔn ms	RCD testing 30mA or below 5 IΔn ms	Manual test button operation RCD (✓)	Manual test button operation AFDD (✓)
1/L1	Room 10 Sockets	A	B	6	2.5	1.5	0.4	60898 MCB	B	10	6	N/A	3.49	N/A	N/A	N/A	N/A	0.09	N/A	250	LIM	>299	✓	0.43	N/A	N/A	N/A	N/A
2/L1	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
3/L1	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
4/L1	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Details of circuits and/or installed equipment vulnerable to damage when testing: Date(s) dead testing 11/07/2022 To 11/07/2022 Date(s) live testing 11/07/2022 To 11/07/2022

Tested by: Name (capital letters) LIAM KIMBLE Position Electrical Test Engineer Date 11/07/2022 Signature

Wiring Types. **A** PVC/PVC, **B** PVC cables in metallic Conduit, **C** PVC cables in non-metallic Conduit, **D** PVC cables in metallic trunking, **E** PVC cables in non-metallic trunking, **F** PVC/SWA cables, **G** SWA/XPLE cables, **H** Mineral Insulated, **MW** Metal Work, **FM** Ferrous Metal, **O** Other

ELECTRICAL INSTALLATION CONDITION REPORT - Schedule of Tests

FT/EICR 110147629

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

phs Compliance

Company Name	PHS Compliance	**Company Address**	Kid Glove Road	**Postcode**	WA3 3GR	**Branch No.**		**Scheme No.**	
Client	UPP Residential Services Ltd	**Installation Address**	Swansea University Bay Campus - Elinor 14, Reception - Ground Floor Tower Information Centre, Fabian Way, Crymlyn Burrows, Swansea					**Postcode**	SA1 8EN

Distribution board details - Complete in every case

Location: Room 3 Riser 7th Floor [Schneider]
Designation: DB CL8/7-1
Num. of ways: 4 Num. of phases: 1
Supply polarity confirmed: ☑ Phase sequence confirmed: ☐

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

Supply to distribution board is from: Sub Mains(DB CL8, 7/L1)
Overcurrent protective device for the distribution circuit: BS(EN) 61009 RCD/RCBO Type C Rating 32 A Voltage 230 V

Characteristics at this distribution board

Associated RCD(if any): BS (EN) 61009
Z_d 0.39 Ω No. of poles 2
I_{pf} 0.59 kA IΔn 30
Time delay (if applicable) N/A
Above 30mA (if applicable): Operating at 1 IΔn 28.8 ms
30mA or below: Operating at 5 IΔn 28.8 ms

Test instrument serial number(s)

Loop impedance 080408/5657
Insulation resistance 080408/5657
Continuity 080408/5657
RCD 080408/5657

CIRCUIT DETAILS / TEST RESULTS

Circuit No. and Line No.	Distribution board Designation / Circuit designation	Type of wiring	Ref. method	No. of points	Circuit conductors csa (mm²) L / N	Circuit conductors csa (mm²) CPC	Maximum disconnection	Overcurrent protective devices BS EN Number	Overcurrent protective devices Type No.	Overcurrent protective devices Rating (A)	Breaking capacity (KA)	RCD operating (mA)	BS 7671 Max. permitted Zs Other 80% (Ω)	Circuit impedance Ω Ring final circuits only (measured end-to-end) r1	r2	rn	Fig 8 check (✓)	All circuits to be completed using R1R2 or R2, not both R1 + R2	R2	Insulation resistance (Record lower reading) Test voltage V	L/L, L/N M(Ω)	L/E, N/E M(Ω)	Polarity (✓)	Max. Measured Zs (Ω)	RCD testing Above 30mA IΔn ms	30mA or below 5 IΔn ms	Manual test button operation RCD (✓)	AFDD (✓)
1/L1	DB CL8/7-1 / Room 3 Sockets	A	B	6	2.5	1.5	0.4	60898 MCB	B	10	6	N/A	3.49	N/A	N/A	N/A	N/A	0.19	N/A	250	LIM	>299	✓	0.77	N/A	N/A	N/A	N/A
2/L1	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
3/L1	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
4/L1	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Details of circuits and/or installed equipment vulnerable to damage when testing: Date(s) dead testing 11/07/2022 To 11/07/2022 Date(s) live testing 11/07/2022 To 11/07/2022

Tested by: Name (capital letters) LIAM KIMBLE Position Electrical Test Engineer Date 11/07/2022 Signature

Wiring Types. **A** PVC/PVC, **B** PVC cables in metallic Conduit, **C** PVC cables in non-metallic Conduit, **D** PVC cables in metallic trunking, **E** PVC cables in non-metallic trunking, **F** PVC/SWA cables, **G** SWA/XPLE cables, **H** Mineral Insulated, **MW** Metal Work, **FM** Ferrous Metal, **O** Other

ELECTRICAL INSTALLATION CONDITION REPORT - Schedule of Tests

FT/EICR 110147629

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

phs Compliance

Company Name	PHS Compliance	**Company Address**	Kid Glove Road	**Postcode**	WA3 3GR	**Branch No.**		**Scheme No.**	
Client	UPP Residential Services Ltd	**Installation Address**	Swansea University Bay Campus - Elinor 14, Reception - Ground Floor Tower Information Centre, Fabian Way, Crymlyn Burrows, Swansea	**Postcode**	SA1 8EN				

Distribution board details - Complete in every case

Location: Room 6 Riser 6th Floor [Schneider]
Designation: DB CL7/8-1
Num. of ways: 4 Num. of phases: 1
Supply polarity confirmed: ☑ Phase sequence confirmed: ☐

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

Supply to distribution board is from: Sub Mains(DB CL7, 8/L3)
Overcurrent protective device for the distribution circuit: BS(EN) 61009 RCD/RCBO Type C Rating 32 A Voltage 230 V

Characteristics at this distribution board

Associated RCD(if any): BS (EN) 61009
Z_d 0.38 Ω No. of poles 2
I_{pf} 0.62 kA IΔn 30
Time delay (if applicable) N/A
Above 30mA (if applicable): Operating at 1 IΔn 28.0 ms
30mA or below: Operating at 5 IΔn 28.6 ms

Test instrument serial number(s)

Loop impedance 080408/5657
Insulation resistance 080408/5657
Continuity 080408/5657
RCD 080408/5657

CIRCUIT DETAILS / TEST RESULTS

Circuit No. and Line No.	Distribution board Designation / Circuit designation	Type of wiring	Ref. method	No. of points	Circuit conductors csa (mm²) L / N	Circuit conductors csa (mm²) CPC	Maximum disconnection	Overcurrent protective devices BS EN Number	Overcurrent protective devices Type No.	Overcurrent protective devices Rating (A)	Breaking capacity (KA)	RCD operating (mA)	BS 7671 Max. permitted Zs Other 80% (Ω)	Circuit impedance Ω Ring final circuits only (measured end-to-end) r1	r2	rn	Fig 8 check (✓)	All circuits to be completed using R1R2 or R2, not both R1 + R2	R2	Insulation resistance (Record lower reading) Test voltage V	L/L, L/N M(Ω)	L/E, N/E M(Ω)	Polarity (✓)	Max. Measured Zs (Ω)	RCD testing Above 30mA IΔn ms	30mA or below 5 IΔn ms	Manual test button operation RCD (✓)	AFDD (✓)
1/L3	Room 6 Sockets	A	B	6	2.5	1.5	0.4	60898 MCB	B	10	6	N/A	3.49	N/A	N/A	N/A	N/A	0.16	N/A	250	LIM	>299	✓	0.64	N/A	N/A	N/A	N/A
2/L3	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
3/L3	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
4/L3	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Details of circuits and/or installed equipment vulnerable to damage when testing: Date(s) dead testing 11/07/2022 To 11/07/2022 Date(s) live testing 11/07/2022 To 11/07/2022

Tested by: Name (capital letters) LIAM KIMBLE Position Electrical Test Engineer Date 11/07/2022 Signature

Wiring Types. **A** PVC/PVC, **B** PVC cables in metallic Conduit, **C** PVC cables in non-metallic Conduit, **D** PVC cables in metallic trunking, **E** PVC cables in non-metallic trunking, **F** PVC/SWA cables, **G** SWA/XPLE cables, **H** Mineral Insulated, **MW** Metal Work, **FM** Ferrous Metal, **O** Other

ELECTRICAL INSTALLATION CONDITION REPORT - Schedule of Tests

FT/EICR 110147629

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

phs Compliance

Company Name	PHS Compliance	**Company Address**	Kid Glove Road	**Postcode**	WA3 3GR	**Branch No.**	**Scheme No.**
Client	UPP Residential Services Ltd	**Installation Address**	Swansea University Bay Campus - Elinor 14, Reception - Ground Floor Tower Information Centre, Fabian Way, Crymlyn Burrows, Swansea	**Postcode**	SA1 8EN		

Distribution board details - Complete in every case

Location: 4th Floor Kitchen (Schneider)
Designation: DB CL5
Num. of ways: 18 Num. of phases: 1
Supply polarity confirmed: ☑ Phase sequence confirmed: ☐

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

Supply to distribution board is from: Sub Mains(Busbar, 8/L1)
Overcurrent protective device for the distribution circuit: BS(EN) 88-2 HRC Type gG Rating 63 A Voltage 230 V

Characteristics at this distribution board

Associated RCD(if any): BS (EN) N/A
Z_d 0.14 Ω No. of poles NA
I_{pf} 1.82 kA IΔn N/A
Time delay (if applicable) NA
Above 30mA (if applicable) Operating at 1 IΔn N/A ms
30mA or below Operating at 5 IΔn N/A ms

Test instrument serial number(s)

Loop impedance 080408/5756
Insulation resistance 080408/5756
Continuity 080408/5756
RCD 080408/5756

CIRCUIT DETAILS / TEST RESULTS

Circuit No. and Line No.	Circuit designation	Type of wiring	Ref. method	No. of points	Circuit conductors csa (mm²) L / N	Circuit conductors csa (mm²) CPC	Maximum disconnection	Overcurrent protective devices BS EN Number	Overcurrent protective devices Type No.	Overcurrent protective devices Rating (A)	Breaking capacity (KA)	RCD operating (mA)	BS 7671 Max. permitted Zs Other 80% (Ω)	Circuit impedance Ω Ring final circuits only (measured end-to-end) r1	r1	rn	r2	Fig 8 check (✓)	All circuits to be completed using R1R2 or R2, not both R1 + R2	R2	Insulation resistance (Record lower reading) Test voltage V	L/L, L/N M(Ω)	L/E, N/E M(Ω)	Polarity (✓)	Max. Measured Zs (Ω)	RCD testing Above 30mA IΔn ms	RCD testing 30mA or below 5 IΔn ms	Manual test button operation RCD (✓)	AFDD (✓)
1/L1	Common Room Lights	A	B	1	1.5	1	0.4	61009 RCD/	C	10	10	30	1.75	N/A	N/A	N/A	N/A	0.29	N/A	250	LIM	>299	✓	0.53	28.4	20.4	✓	N/A
2/L1	Bedroom Lights 2,3,4	A	B	9	1.5	1	0.4	61009 RCD/	C	10	10	30	1.75	N/A	N/A	N/A	N/A	0.37	N/A	250	LIM	>299	✓	0.52	27.4	18.4	✓	N/A
3/L1	Bedroom Lights 5,6,7	A	B	6	1.5	1	0.4	61009 RCD/	C	10	10	30	1.75	N/A	N/A	N/A	N/A	0.44	N/A	250	LIM	>299	✓	0.64	30.4	24.0	✓	N/A
4/L1	Bedroom Lights 1,8	A	B	9	1.5	1	0.4	61009 RCD/	C	10	10	30	1.75	N/A	N/A	N/A	N/A	0.37	N/A	250	LIM	>299	✓	0.57	29.4	19.8	✓	N/A
5/L1	Bedroom Lights	A	B	6	1.5	1	0.4	61009 RCD/	C	10	10	30	1.75	N/A	N/A	N/A	N/A	0.53	N/A	250	LIM	>299	✓	0.68	27.5	20.4	✓	N/A
6/L1	Sub Mains(DB CL5/6-1, DB CL5/6)	A	B	6	2x2.5	2x1.5	5	61009 RCD/RCBO	C	32	10	30	0.54	0.30	0.33	0.42	✓	0.18	N/A	250	LIM	>299	✓	0.34	27.5	24.5	✓	N/A
7/L1	Sub Mains(DB CL5/7, DB CL5/7-1, DB CL5/7-2)	A	B	9	2x2.5	2x1.5	5	61009 RCD/RCBO	C	32	10	30	0.54	0.38	0.38	0.51	✓	0.23	N/A	250	LIM	>299	✓	0.40	29.4	24.0	✓	N/A
8/L1	Sub Mains(DB CL5/8, DB CL5/8-1)	A	B	6	2x2.5	2x1.5	5	61009 RCD/RCBO	C	32	10	30	0.54	0.28	0.31	0.36	✓	0.16	N/A	250	LIM	>299	✓	0.30	38.5	20.2	✓	N/A
9/L1	Sub Mains(DB CL5/9, DB CL5/9-1, DB CL5/9-2)	A	B	9	2x2.5	2x1.5	5	61009 RCD/RCBO	C	32	10	30	0.54	0.40	0.36	0.48	✓	0.22	N/A	250	LIM	>299	✓	0.44	32.5	18.8	✓	N/A
10/L1	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/L1	Kitchen Ring Main 1	A	B	5	2x2.5	2x1.5	0.4	61009 RCD/	C	32	10	30	0.54	0.32	0.32	0.40	✓	0.18	N/A	250	LIM	>299	✓	0.35	32.5	22.2	✓	N/A
12/L1	Kitchen Ring Main 2	A	B	1	2x2.5	2x1.5	0.4	61009 RCD/	C	32	10	30	0.54	0.29	0.25	0.34	✓	0.16	N/A	250	LIM	>299	✓	0.33	36.1	25.3	✓	N/A
13/L1	Hob 1	A	B	1	6	2.5	0.4	61009 RCD/	C	32	10	30	0.54	N/A	N/A	N/A	N/A	0.12	N/A	250	LIM	>299	✓	0.27	29.7	17.6	✓	N/A
14/L1	Hob 2	A	E	1	6	2.5	0.4	61009 RCD/	C	32	10	30	0.54	N/A	N/A	N/A	N/A	0.22	N/A	250	LIM	>299	✓	0.38	32.5	18.8	✓	N/A
15/L1	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
16/L1	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

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

Date(s) dead testing: 11/07/2022 To 11/07/2022

Date(s) live testing: 11/07/2022 To 11/07/2022

Tested by: Name (capital letters): LIAM KIMBLE Position: Electrical Test Engineer Date: 11/07/2022

Signature

Wiring Types. **A** PVC/PVC, **B** PVC cables in metallic Conduit, **C** PVC cables in non-metallic Conduit, **D** PVC cables in metallic trunking, **E** PVC cables in non-metallic trunking, **F** PVC/SWA cables, **G** SWA/XPLE cables, **H** Mineral Insulated, **MW** Metal Work, **FM** Ferrous Metal, **O** Other

ELECTRICAL INSTALLATION CONDITION REPORT - Schedule of Tests

FT/ EICR 110147629

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

phs Compliance

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

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

Date(s) dead testing 11/07/2022 To 11/07/2022

Date(s) live testing 11/07/2022 To 11/07/2022

Tested by: Name (capital letters) LIAM KIMBLE

Position Electrical Test Engineer

Date 11/07/2022

Signature

Wiring Types. **A** PVC/PVC, **B** PVC cables in metallic Conduit, **C** PVC cables in non-metallic Conduit, **D** PVC cables in metallic trunking, **E** PVC cables in non-metallic trunking, **F** PVC/SWA cables, **G** SWA/XPLE cables, **H** Mineral Insulated, **MW** Metal Work, **FM** Ferrous Metal, **O** Other

ELECTRICAL INSTALLATION CONDITION REPORT - Schedule of Tests

FT/EICR: 110147629

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

phs Compliance

Company Name	PHS Compliance	**Company Address**	Kid Glove Road	**Postcode**	WA3 3GR	**Branch No.**		**Scheme No.**	
Client	UPP Residential Services Ltd	**Installation Address**	Swansea University Bay Campus - Elinor 14, Reception - Ground Floor Tower Information Centre, Fabian Way, Crymlyn Burrows, Swansea	**Postcode**	SA1 8EN				

Distribution board details - Complete in every case

Location: Room 5 Riser 4th Floor [Schneider]
Designation: DB CL5/8
Num. of ways: 4 Num. of phases: 1
Supply polarity confirmed: ☑ Phase sequence confirmed: ☐

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

Supply to distribution board is from: Sub Mains(DB CL5, 8/L1)
Overcurrent protective device for the distribution circuit: BS(EN) 61009 RCD/RCBO Type C Rating 32 A Voltage 230 V

Characteristics at this distribution board

Associated RCD(if any): BS (EN) 61009
Z_d 0.30 Ω No. of poles 2
I_{pf} 0.75 kA IΔn 30
Time delay (if applicable) N/A
Operating at 1 IΔn 38.5 ms
Operating at 5 IΔn 20.2 ms
Above 30mA / 30mA or below (if applicable)

Test instrument serial number(s)

Loop impedance: 080408/5657
Insulation resistance: 080408/5657
Continuity: 080408/5657
RCD: 080408/5657

CIRCUIT DETAILS / TEST RESULTS

Circuit No. and Line No.	Circuit designation	Type of wiring	Ref. method	No. of points	Circuit conductors csa (mm²) L / N	Circuit conductors csa (mm²) CPC	Maximum disconnection	Overcurrent protective devices BS EN Number	Overcurrent protective devices Type No.	Overcurrent protective devices Rating (A)	Breaking capacity (KA)	RCD operating (mA)	BS 7671 Max. permitted Zs Other 80% (Ω)	Circuit impedance Ω Ring final circuits only (measured end-to-end) r1	r1	rn	r2	Fig 8 check (✓)	All circuits to be completed using R1R2 or R2, not both R1 + R2	R2	Insulation resistance (Record lower reading) Test voltage V	L/L, L/N M(Ω)	L/E, N/E M(Ω)	Polarity (✓)	Max. Measured Zs (Ω)	RCD testing Above 30mA IΔn ms	RCD testing 30mA or below 5 IΔn ms	Manual test button operation RCD (✓)	AFDD (✓)
1/L1	Room 5 Sockets	A	B	6	2.5	1.5	0.4	60898 MCB	B	10	6	N/A	3.49	N/A	N/A	N/A	N/A	0.12	N/A	250	LIM	>299	✓	0.47	N/A	N/A	N/A	N/A
2/L1	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
3/L1	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
4/L1	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Distribution board Designation: DB CL5/8

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

Date(s) dead testing: 11/07/2022 To 11/07/2022
Date(s) live testing: 11/07/2022 To 11/07/2022

Tested by: Name (capital letters): LIAM KIMBLE Position: Electrical Test Engineer Date: 11/07/2022
Signature:

Wiring Types. **A** PVC/PVC, **B** PVC cables in metallic Conduit, **C** PVC cables in non-metallic Conduit, **D** PVC cables in metallic trunking, **E** PVC cables in non-metallic trunking, **F** PVC/SWA cables, **G** SWA/XPLE cables, **H** Mineral Insulated, **MW** Metal Work, **FM** Ferrous Metal, **O** Other

ELECTRICAL INSTALLATION CONDITION REPORT - Schedule of Tests

FT/EICR 110147629

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

phs Compliance

Company Name	PHS Compliance	**Company Address**	Kid Glove Road	**Postcode**	WA3 3GR	**Branch No.**	**Scheme No.**
Client	UPP Residential Services Ltd	**Installation Address**	Swansea University Bay Campus - Elinor 14, Reception - Ground Floor Tower Information Centre, Fabian Way, Crymlyn Burrows, Swansea	**Postcode**	SA1 8EN		

Distribution board details - Complete in every case

Location: 4th Floor Kitchen (Schneider)
Designation: DB CL/6
Num. of ways: 18 Num. of phases: 1
Supply polarity confirmed: ☑ Phase sequence confirmed: ☐

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

Supply to distribution board is from: Sub Mains(Busbar, 13/L2)
Overcurrent protective device for the distribution circuit: BS(EN) 88-2 HRC Type gG Rating 63 A Voltage 230 V

Characteristics at this distribution board

Associated RCD(if any): BS (EN) N/A
Z_d 0.15 Ω No. of poles NA
I_{pf} 1.82 kA IΔn N/A
Time delay (if applicable) NA
Above 30mA (if applicable) Operating at 1 IΔn N/A ms
30mA or below Operating at 5 IΔn N/A ms

Test instrument serial number(s)

Loop impedance 080408/5756
Insulation resistance 080408/5756
Continuity 080408/5756
RCD 080408/5756

CIRCUIT DETAILS / TEST RESULTS

Circuit No. and Line No.	Circuit designation	Type of wiring	Ref. method	No. of points	Circuit conductors csa (mm²) L / N	Circuit conductors csa (mm²) CPC	Maximum disconnection	Overcurrent protective devices BS EN Number	Overcurrent protective devices Type No.	Overcurrent protective devices Rating (A)	Breaking capacity (KA)	RCD operating (mA)	BS 7671 Max. permitted Zs Other 80% (Ω)	Circuit impedance Ω Ring final circuits only (measured end-to-end) r1	rn	r2	Fig 8 check (✓)	All circuits to be completed using R1R2 or R2, not both R1 + R2	R2	Insulation resistance (Record lower reading) Test voltage V	L/L, L/N M(Ω)	L/E, N/E M(Ω)	Polarity (✓)	Max. Measured Zs (Ω)	RCD testing Above 30mA IΔn ms	RCD testing 30mA or below 5 IΔn ms	Manual test button operation RCD (✓)	Manual test button operation AFDD (✓)
1/L2	Common Room Lights	A	B	1	1.5	1	0.4	61009 RCD/	C	10	10	30	1.75	N/A	N/A	N/A	N/A	0.48	N/A	250	LIM	>299	✓	0.66	25.4	19.7	✓	N/A
2/L2	Bedroom Lights 2,3,4	A	B	9	1.5	1	0.4	61009 RCD/	C	10	10	30	1.75	N/A	N/A	N/A	N/A	0.33	N/A	250	LIM	>299	✓	0.53	32.4	20.6	✓	N/A
3/L2	Bedroom Lights 5,6,7	A	B	6	1.5	1	0.4	61009 RCD/	C	10	10	30	1.75	N/A	N/A	N/A	N/A	0.27	N/A	250	LIM	>299	✓	0.56	28.2	18.4	✓	N/A
4/L2	Bedroom Lights 1,8	A	B	9	1.5	1	0.4	61009 RCD/	C	10	10	30	1.75	N/A	N/A	N/A	N/A	0.39	N/A	250	LIM	>299	✓	0.62	30.4	24.2	✓	N/A
5/L2	Bedroom Lights	A	B	6	1.5	1	0.4	61009 RCD/	C	10	10	30	1.75	N/A	N/A	N/A	N/A	0.58	N/A	250	LIM	>299	✓	0.73	22.6	20.4	✓	N/A
6/L2	Sub Mains(DB CL6/6, DB CL6/6-1)	A	B	6	2x2.5	2x1.5	5	61009 RCD/RCBO	C	32	10	30	0.54	0.34	0.31	0.44	✓	0.20	N/A	250	LIM	>299	✓	0.34	30.4	18.4	✓	N/A
7/L2	Sub Mains(DB CL6/7, DB CL6/7-1, DB CL6/7-2)	A	B	9	2x2.5	2x1.5	5	61009 RCD/RCBO	C	32	10	30	0.54	0.50	0.47	0.56	✓	0.27	N/A	250	LIM	>299	✓	0.45	29.4	31.6	✓	N/A
8/L2	Sub Mains(DB CL6/8-1, DB CL6/8)	A	B	6	2x2.5	2x1.5	5	61009 RCD/RCBO	C	32	10	30	0.54	0.38	0.39	0.42	✓	0.20	N/A	250	LIM	>299	✓	0.36	33.5	22.0	✓	N/A
9/L2	Sub Mains(DB CL6/9, DB CL6/9-1, DB CL6/9-2)	A	B	9	2x2.5	2x1.5	5	61009 RCD/RCBO	C	32	10	30	0.54	0.42	0.42	0.56	✓	0.25	N/A	250	LIM	>299	✓	0.40	29.2	18.4	✓	N/A
10/L2	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/L2	Kitchen Ring Main 1	A	B	5	2x2.5	2x1.5	0.4	61009 RCD/	C	32	10	30	0.54	0.40	0.40	0.50	✓	0.23	N/A	250	LIM	>299	✓	0.34	22.4	19.7	✓	N/A
12/L2	Kitchen Ring Main 2	A	B	1	2x2.5	2x1.5	0.4	61009 RCD/	C	32	10	30	0.54	0.37	0.37	0.48	✓	0.21	N/A	250	LIM	>299	✓	0.40	28.3	20.4	✓	N/A
13/L2	Hob 1	A	B	1	6	2.5	0.4	61009 RCD/	C	32	10	30	0.54	N/A	N/A	N/A	N/A	0.08	N/A	250	LIM	>299	✓	0.26	17.3	19.1	✓	N/A
14/L2	Hob 2	A	E	1	6	2.5	0.4	61009 RCD/	C	32	10	30	0.54	N/A	N/A	N/A	N/A	0.10	N/A	250	LIM	>299	✓	0.30	16.5	17.5	✓	N/A
15/L2	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
16/L2	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

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

Date(s) dead testing: 11/07/2022 To 11/07/2022

Date(s) live testing: 11/07/2022 To 11/07/2022

Tested by: Name (capital letters): LIAM KIMBLE Position: Electrical Test Engineer Date: 11/07/2022

Signature

Wiring Types. **A** PVC/PVC, **B** PVC cables in metallic Conduit, **C** PVC cables in non-metallic Conduit, **D** PVC cables in metallic trunking, **E** PVC cables in non-metallic trunking, **F** PVC/SWA cables, **G** SWA/XPLE cables, **H** Mineral Insulated, **MW** Metal Work, **FM** Ferrous Metal, **O** Other

ELECTRICAL INSTALLATION CONDITION REPORT - Schedule of Tests

FT/ EICR 110147629

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

phs Compliance

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

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

Date(s) dead testing 11/07/2022 To 11/07/2022

Date(s) live testing 11/07/2022 To 11/07/2022

Tested by: Name (capital letters) LIAM KIMBLE

Position Electrical Test Engineer

Date 11/07/2022

Signature

Wiring Types. **A** PVC/PVC, **B** PVC cables in metallic Conduit, **C** PVC cables in non-metallic Conduit, **D** PVC cables in metallic trunking, **E** PVC cables in non-metallic trunking, **F** PVC/SWA cables, **G** SWA/XPLE cables, **H** Mineral Insulated, **MW** Metal Work, **FM** Ferrous Metal, **O** Other

ELECTRICAL INSTALLATION CONDITION REPORT - Schedule of Tests

FT/EICR: 110147629

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

phs Compliance

Company Name	PHS Compliance	**Company Address**	Kid Glove Road	**Postcode**	WA3 3GR	**Branch No.**		**Scheme No.**	
Client	UPP Residential Services Ltd	**Installation Address**	Swansea University Bay Campus - Elinor 14, Reception - Ground Floor Tower Information Centre, Fabian Way, Crymlyn Burrows, Swansea					**Postcode**	SA1 8EN

Distribution board details - Complete in every case

Location: Room 10 Riser 7th Floor [Schneider]
Designation: DB CL8/6-1
Num. of ways: 4 Num. of phases: 1
Supply polarity confirmed: ☑ Phase sequence confirmed: ☐

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

Supply to distribution board is from: Sub Mains(DB CL8, 6/L1)
Overcurrent protective device for the distribution circuit: BS(EN) 61009 RCD/RCBO Type C Rating 32 A Voltage 230 V

Characteristics at this distribution board

Associated RCD(if any): BS (EN) 61009
Z_d 0.32 Ω No. of poles 2
I_{pf} 0.73 kA IΔn 30
Time delay (if applicable) N/A
Above 30mA (if applicable): Operating at 1 IΔn 28.4 ms
30mA or below: Operating at 5 IΔn 18.6 ms

Test instrument serial number(s)

Loop impedance: 080408/5657
Insulation resistance: 080408/5657
Continuity: 080408/5657
RCD: 080408/5657

CIRCUIT DETAILS / TEST RESULTS

Circuit No. and Line No.	Distribution board Designation / Circuit designation	Type of wiring	Ref. method	No. of points	Circuit conductors csa (mm²) L / N	Circuit conductors csa (mm²) CPC	Maximum disconnection	Overcurrent protective devices BS EN Number	Overcurrent protective devices Type No.	Overcurrent protective devices Rating (A)	Breaking capacity (KA)	RCD operating (mA)	BS 7671 Max. permitted Zs Other 80% (Ω)	Circuit impedance Ω Ring final circuits only (measured end-to-end) r1	rn	r2	Fig 8 check (✓)	All circuits to be completed using R1R2 or R2, not both R1 + R2	R2	Insulation resistance (Record lower reading) Test voltage V	L/L, L/N M(Ω)	L/E, N/E M(Ω)	Polarity (✓)	Max. Measured Zs (Ω)	RCD testing Above 30mA IΔn ms	RCD testing 30mA or below 5 IΔn ms	Manual test button operation RCD (✓)	Manual test button operation AFDD (✓)
1/L1	Room 10 Sockets	A	B	6	2.5	1.5	0.4	60898 MCB	B	10	6	N/A	3.49	N/A	N/A	N/A	N/A	0.12	N/A	250	LIM	>299	✓	0.46	N/A	N/A	N/A	N/A
2/L1	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
3/L1	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
4/L1	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Details of circuits and/or installed equipment vulnerable to damage when testing: Date(s) dead testing 11/07/2022 To 11/07/2022 Date(s) live testing 11/07/2022 To 11/07/2022

Tested by: Name (capital letters) LIAM KIMBLE Position Electrical Test Engineer Date 11/07/2022 Signature

Wiring Types. **A** PVC/PVC, **B** PVC cables in metallic Conduit, **C** PVC cables in non-metallic Conduit, **D** PVC cables in metallic trunking, **E** PVC cables in non-metallic trunking, **F** PVC/SWA cables, **G** SWA/XPLE cables, **H** Mineral Insulated, **MW** Metal Work, **FM** Ferrous Metal, **O** Other

ELECTRICAL INSTALLATION CONDITION REPORT - Schedule of Tests

FT/EICR 110147629

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

Company Name	PHS Compliance	**Company Address**	Kid Glove Road	**Postcode**	WA3 3GR	**Branch No.**	**Scheme No.**
Client	UPP Residential Services Ltd	**Installation Address**	Swansea University Bay Campus - Elinor 14, Reception - Ground Floor Tower Information Centre, Fabian Way, Crymlyn Burrows, Swansea	**Postcode**	SA1 8EN		

Distribution board details - Complete in every case

Location: Room 8 Riser 5th Floor [Schneider]
Designation: DB CL6/9-1
Num. of ways: 4 Num. of phases: 1
Supply polarity confirmed: ☑ Phase sequence confirmed: ☐

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

Supply to distribution board is from: Sub Mains(DB CL/6, 9/L2)
Overcurrent protective device for the distribution circuit: BS(EN) 61009 RCD/RCBO Type C Rating 32 A Voltage 230 V

Characteristics at this distribution board

Associated RCD(if any): BS (EN) 61009
Z_d 0.40 Ω No. of poles 2
I_{pf} 0.58 kA IΔn 30
Time delay (if applicable) N/A
Above 30mA (if applicable): Operating at 1 IΔn 29.2 ms
30mA or below: Operating at 5 IΔn 18.4 ms

Test instrument serial number(s)

Loop impedance 080408/5657
Insulation resistance 080408/5657
Continuity 080408/5657
RCD 080408/5657

CIRCUIT DETAILS / TEST RESULTS

Circuit No. and Line No.	Distribution board Designation / Circuit designation	Type of wiring	Ref. method	No. of points	Circuit conductors csa (mm²) L / N	Circuit conductors csa (mm²) CPC	Maximum disconnection	Overcurrent protective devices BS EN Number	Overcurrent protective devices Type No.	Overcurrent protective devices Rating (A)	Breaking capacity (KA)	RCD operating (mA)	BS 7671 Max. permitted Zs Other 80% (Ω)	Circuit impedance Ω Ring final circuits only (measured end-to-end) r1	r2	rn	Fig 8 check (✓)	All circuits to be completed using R1R2 or R2, not both R1 + R2	R2	Insulation resistance (Record lower reading) Test voltage V	L/L, L/N M(Ω)	L/E, N/E M(Ω)	Polarity (✓)	Max. Measured Zs (Ω)	RCD testing Above 30mA IΔn ms	30mA or below 5 IΔn ms	Manual test button operation RCD (✓)	AFDD (✓)
1/L2	Room 8 Sockets	A	B	6	2.5	1.5	0.4	60898 MCB	B	10	6	N/A	3.49	N/A	N/A	N/A	N/A	0.08	N/A	250	LIM	>299	✓	0.45	N/A	N/A	N/A	N/A
2/L2	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
3/L2	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
4/L2	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

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

Date(s) dead testing: 11/07/2022 To 11/07/2022
Date(s) live testing: 11/07/2022 To 11/07/2022

Tested by: Name (capital letters): LIAM KIMBLE Position: Electrical Test Engineer Date: 11/07/2022
Signature:

Wiring Types. **A** PVC/PVC, **B** PVC cables in metallic Conduit, **C** PVC cables in non-metallic Conduit, **D** PVC cables in metallic trunking, **E** PVC cables in non-metallic trunking, **F** PVC/SWA cables, **G** SWA/XPLE cables, **H** Mineral Insulated, **MW** Metal Work, **FM** Ferrous Metal, **O** Other

ELECTRICAL INSTALLATION CONDITION REPORT - Schedule of Tests

FT/EICR 110147629

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

phs Compliance

Company Name	PHS Compliance	**Company Address**	Kid Glove Road	**Postcode**	WA3 3GR	**Branch No.**	**Scheme No.**
Client	UPP Residential Services Ltd	**Installation Address**	Swansea University Bay Campus - Elinor 14, Reception - Ground Floor Tower Information Centre, Fabian Way, Crymlyn Burrows, Swansea	**Postcode**	SA1 8EN		

Distribution board details - Complete in every case

Location: Ground Floor Plant Room (Schneider)
Designation: DB/LL1/P
Num. of ways: 8 Num. of phases: 3
Supply polarity confirmed ☑ Phase sequence confirmed ☑

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

Supply to distribution board is from: Sub Mains(Busbar, 3/TP)
Overcurrent protective device for the distribution circuit: BS(EN) 88-2 HRC Type gG Rating 63 A Voltage 400 V

Characteristics at this distribution board

Associated RCD(if any): BS (EN) N/A
Z_d 0.12 Ω No. of poles N/A
I_{pf} 2.78 kA IΔn N/A
Time delay (if applicable) NA
Above 30mA (if applicable) Operating at 1 IΔn N/A ms
30mA or below Operating at 5 IΔn N/A ms

Test instrument serial number(s)

Loop impedance 080408/5756
Insulation resistance 080408/5756
Continuity 080408/5756
RCD 080408/5756

CIRCUIT DETAILS / TEST RESULTS

Circuit No. and Line No.	Distribution board Designation / Circuit designation	Type of wiring	Ref. method	No. of points	Circuit conductors csa (mm²) L / N	Circuit conductors csa (mm²) CPC	Maximum disconnection	Overcurrent protective devices BS EN Number	Overcurrent protective devices Type No.	Overcurrent protective devices Rating (A)	Breaking capacity (KA)	RCD operating (mA)	BS 7671 Max. permitted Zs Other 80% (Ω)	Circuit impedance Ω Ring final circuits only (measured end-to-end) r1	r2	rn	Fig 8 check (✓)	All circuits to be completed using R1R2 or R2, not both R1 + R2	R2	Insulation resistance (Record lower reading) Test voltage V	L/L, L/N M(Ω)	L/E, N/E M(Ω)	Polarity (✓)	Max. Measured Zs (Ω)	RCD testing Above 30mA IΔn ms	30mA or below 5 IΔn ms	Manual test button operation RCD (✓)	AFDD (✓)
1/L1	Ring Main Switch Room	A	E	2	2x2.5	2x1.5	0.4	61009 RCD/	C	32	10	30	0.54	0.14	0.14	0.32	N/A	0.12	N/A	250	LIM	>299	✓	0.26	34.0	22.0	✓	N/A
1/L2	Ring Main GF Corridor	A	E	5	2x2.5	2x1.5	0.4	61009 RCD/	C	32	10	30	0.54	0.11	0.12	0.15	✓	0.07	N/A	250	LIM	>299	✓	0.22	28.4	18.4	✓	N/A
1/L3	Ring Main 1F Corridor	A	E	5	2x2.5	2x1.5	0.4	61009 RCD/	C	32	10	30	0.54	0.63	0.64	1.01	✓	0.41	N/A	250	LIM	>299	✓	0.54	26.2	19.2	✓	N/A
2/L1	Ring Main 2F Corridor	A	E	5	2x2.5	2x1.5	0.4	61009 RCD/	C	32	10	30	0.54	0.77	0.76	1.18	✓	0.49	N/A	250	LIM	>299	✓	0.63	30.4	22.0	✓	N/A
2/L2	Ring Main 3F Corridor	A	E	5	2x2.5	2x1.5	0.4	61009 RCD/	C	32	10	30	0.54	0.84	0.85	1.28	✓	0.53	N/A	250	LIM	>299	✓	0.69	29.4	18.4	✓	N/A
2/L3	Data Cab	A	E	1	4	1.5	0.4	61009 RCD/	C	16	10	30	1.09	N/A	N/A	N/A	N/A	LIM	N/A	LIM	LIM	LIM	✓	0.30	LIM	LIM	LIM	N/A
3/L1	Access Control	A	E	1	2.5	1.5	0.4	61009 RCD/	C	16	10	30	1.09	N/A	N/A	N/A	N/A	0.22	N/A	250	LIM	>299	✓	0.36	29.4	18.8	✓	N/A
3/L2	Auto Door	A	E	1	2.5	1.5	0.4	61009 RCD/	C	16	10	30	1.09	N/A	N/A	N/A	N/A	0.19	N/A	250	LIM	>299	✓	0.25	32.2	19.2	✓	N/A
3/L3	Data Cab	A	E	1	4	1.5	0.4	61009 RCD/	C	16	10	30	1.09	N/A	N/A	N/A	N/A	LIM	N/A	LIM	LIM	LIM	✓	0.30	LIM	LIM	LIM	N/A
4/TP	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
5/TP	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
6/TP	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
7/TP	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
8/TP	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

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

Date(s) dead testing 11/07/2022 To 11/07/2022

Date(s) live testing 11/07/2022 To 11/07/2022

Tested by: Name (capital letters) LIAM KIMBLE Position Electrical Test Engineer Date 11/07/2022

Signature

Wiring Types. **A** PVC/PVC, **B** PVC cables in metallic Conduit, **C** PVC cables in non-metallic Conduit, **D** PVC cables in metallic trunking, **E** PVC cables in non-metallic trunking, **F** PVC/SWA cables, **G** SWA/XPLE cables, **H** Mineral Insulated, **MW** Metal Work, **FM** Ferrous Metal, **O** Other

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phs Compliance

Company Name	PHS Compliance	**Company Address**	Kid Glove Road	**Postcode**	WA3 3GR	**Branch No.**	**Scheme No.**
Client	UPP Residential Services Ltd	**Installation Address**	Swansea University Bay Campus - Elinor 14, Reception - Ground Floor Tower Information Centre, Fabian Way, Crymlyn Burrows, Swansea	**Postcode**	SA1 8EN		

Distribution board details - Complete in every case

Location: Riser Flat 1 Room 10 (Schneider)
Designation: DB/CL1.6.2
Num. of ways: 1 Num. of phases: 1
Supply polarity confirmed: ☑ Phase sequence confirmed: ☐

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

Supply to distribution board is from: Sub Mains(DB CL1, 6/L1)
Overcurrent protective device for the distribution circuit: BS(EN) 61009 RCD/RCBO Type C Rating 32 A Voltage 230 V

Characteristics at this distribution board

Associated RCD(if any): BS (EN) N/A
Z_d 0.43 Ω No. of poles N/A
I_{pf} 0.55 kA IΔn 30
Time delay (if applicable) NA
Above 30mA (if applicable): Operating at 1 IΔn 29.9 ms
30mA or below: Operating at 5 IΔn 22.0 ms

Test instrument serial number(s)

Loop impedance 080408/5756
Insulation resistance 080408/5756
Continuity 080408/5756
RCD 080408/5756

CIRCUIT DETAILS / TEST RESULTS

Circuit No. and Line No.	Distribution board Designation / Circuit designation	Type of wiring	Ref. method	No. of points	Circuit conductors csa (mm²) L / N	Circuit conductors csa (mm²) CPC	Maximum disconnection	Overcurrent protective devices BS EN Number	Overcurrent protective devices Type No.	Overcurrent protective devices Rating (A)	Breaking capacity (KA)	RCD operating (mA)	BS 7671 Max. permitted Zs Other 80% (Ω)	Circuit impedance Ω Ring final circuits only (measured end-to-end) r1	r1	rn	r2	Fig 8 check (✓)	All circuits to be completed using R1R2 or R2, not both R1 + R2	R2	Insulation resistance (Record lower reading) Test voltage V	L/L, L/N M(Ω)	L/E, N/E M(Ω)	Polarity (✓)	Max. Measured Zs (Ω)	RCD testing Above 30mA IΔn ms	RCD testing 30mA or below 5 IΔn ms	Manual test button operation RCD (✓)	AFDD (✓)
1/L1	DB/CL1.6.2 Flat 10 Sockets	A	E	1	2.5	1.5	0.4	60898 MCB	B	10	6	N/A	3.49	N/A	N/A	N/A	N/A	0.22	N/A	250	LIM	>299	✓	0.46	N/A	N/A	N/A	N/A

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

Date(s) dead testing: 11/07/2022 To 11/07/2022

Date(s) live testing: 11/07/2022 To 11/07/2022

Tested by: Name (capital letters): LIAM KIMBLE Position: Electrical Test Engineer Date: 11/07/2022

Signature:

Wiring Types. **A** PVC/PVC, **B** PVC cables in metallic Conduit, **C** PVC cables in non-metallic Conduit, **D** PVC cables in metallic trunking, **E** PVC cables in non-metallic trunking, **F** PVC/SWA cables, **G** SWA/XPLE cables, **H** Mineral Insulated, **MW** Metal Work, **FM** Ferrous Metal, **O** Other

ELECTRICAL INSTALLATION CONDITION REPORT - Schedule of Tests

FT/EICR: 110147629

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

phs Compliance

Company Name	PHS Compliance	**Company Address**	Kid Glove Road	**Postcode**	WA3 3GR	**Branch No.**	**Scheme No.**
Client	UPP Residential Services Ltd	**Installation Address**	Swansea University Bay Campus - Elinor 14, Reception - Ground Floor Tower Information Centre, Fabian Way, Crymlyn Burrows, Swansea	**Postcode**	SA1 8EN		

Distribution board details - Complete in every case

Location: Room 8 Riser 3rd Floor [Schneider]
Designation: DB CL4/9-1
Num. of ways: 4 Num. of phases: 1
Supply polarity confirmed: ☑ Phase sequence confirmed: ☐

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

Supply to distribution board is from: Sub Mains(DB CL4, 9/L3)
Overcurrent protective device for the distribution circuit: BS(EN) 61009 RCD/RCBO Type C Rating 32 A Voltage 230 V

Characteristics at this distribution board

Associated RCD(if any): BS (EN) 61009
Z_d 0.40 Ω No. of poles 2
I_{pf} 0.58 kA IΔn 30
Time delay (if applicable) N/A
Above 30mA (if applicable): Operating at 1 IΔn 28.7 ms
30mA or below: Operating at 5 IΔn 18.6 ms

Test instrument serial number(s)

Loop impedance: 080408/5657
Insulation resistance: 080408/5657
Continuity: 080408/5657
RCD: 080408/5657

CIRCUIT DETAILS / TEST RESULTS

Circuit No. and Line No.	Distribution board Designation / Circuit designation	Type of wiring	Ref. method	No. of points	Circuit conductors csa (mm²) L / N	Circuit conductors csa (mm²) CPC	Maximum disconnection	Overcurrent protective devices BS EN Number	Overcurrent protective devices Type No.	Overcurrent protective devices Rating (A)	Breaking capacity (KA)	RCD operating (mA)	BS 7671 Max. permitted Zs Other 80% (Ω)	Circuit impedance Ω Ring final circuits only (measured end-to-end) r1	r1	rn	r2	Fig 8 check (✓)	All circuits to be completed using R1R2 or R2, not both R1 + R2	R2	Insulation resistance (Record lower reading) Test voltage V	L/L, L/N M(Ω)	L/E, N/E M(Ω)	Polarity (✓)	Max. Measured Zs (Ω)	RCD testing Above 30mA IΔn ms	RCD testing 30mA or below 5 IΔn ms	Manual test button operation RCD (✓)	AFDD (✓)
1/L3	Room 8 Sockets	A	B	6	2.5	1.5	0.4	60898 MCB	B	10	6	N/A	3.49	N/A	N/A	N/A	N/A	0.12	N/A	250	LIM	>299	✓	0.58	N/A	N/A	N/A	N/A
2/L3	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
3/L3	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
4/L3	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

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

Date(s) dead testing: 11/07/2022 To 11/07/2022
Date(s) live testing: 11/07/2022 To 11/07/2022

Tested by: Name (capital letters): LIAM KIMBLE Position: Electrical Test Engineer Date: 11/07/2022
Signature:

Wiring Types. **A** PVC/PVC, **B** PVC cables in metallic Conduit, **C** PVC cables in non-metallic Conduit, **D** PVC cables in metallic trunking, **E** PVC cables in non-metallic trunking, **F** PVC/SWA cables, **G** SWA/XPLE cables, **H** Mineral Insulated, **MW** Metal Work, **FM** Ferrous Metal, **O** Other

ELECTRICAL INSTALLATION CONDITION REPORT - Schedule of Tests

FT/EICR 110147629

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

phs Compliance

Company Name	PHS Compliance	**Company Address**	Kid Glove Road	**Postcode**	WA3 3GR	**Branch No.**		**Scheme No.**	
Client	UPP Residential Services Ltd	**Installation Address**	Swansea University Bay Campus - Elinor 14, Reception - Ground Floor Tower Information Centre, Fabian Way, Crymlyn Burrows, Swansea					**Postcode**	SA1 8EN

Distribution board details - Complete in every case

Location: Riser Flat 1 Room 4 (Schneider)
Designation: DB/CL1.7.3
Num. of ways: 1 Num. of phases: 1
Supply polarity confirmed: ☑ Phase sequence confirmed: ☐

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

Supply to distribution board is from: Sub Mains(DB CL1, 7/L1)
Overcurrent protective device for the distribution circuit: BS(EN) 61009 RCD/RCBO Type C Rating 32 A Voltage 230 V

Characteristics at this distribution board

Associated RCD(if any): BS (EN) N/A
Z_d 0.40 Ω No. of poles N/A
I_{pf} 0.58 kA IΔn 30
Time delay (if applicable) NA
Above 30mA (if applicable): Operating at 1 IΔn 31.4 ms
30mA or below: Operating at 5 IΔn 29.0 ms

Test instrument serial number(s)

Loop impedance 080408/5756
Insulation resistance 080408/5756
Continuity 080408/5756
RCD 080408/5756

CIRCUIT DETAILS / TEST RESULTS

Circuit No. and Line No.	Distribution board Designation / Circuit designation	Type of wiring	Ref. method	No. of points	Circuit conductors csa (mm²) L / N	Circuit conductors csa (mm²) CPC	Maximum disconnection	Overcurrent protective devices BS EN Number	Overcurrent protective devices Type No.	Overcurrent protective devices Rating (A)	Breaking capacity (KA)	RCD operating (mA)	BS 7671 Max. permitted Zs Other 80% (Ω)	Circuit impedance Ω Ring final circuits only (measured end-to-end) r1	r n	r2	Fig 8 check (✓)	All circuits to be completed using R1R2 or R2, not both R1 + R2	R2	Insulation resistance (Record lower reading) Test voltage V	L/L, L/N M(Ω)	L/E, N/E M(Ω)	Polarity (✓)	Max. Measured Zs (Ω)	RCD testing Above 30mA IΔn ms	30mA or below 5 IΔn ms	Manual test button operation RCD (✓)	AFDD (✓)
1/L1	DB/CL1.7.3 Sockets Room	A	E	1	2.5	1.5	0.4	60898 MCB	B	10	6	N/A	3.49	N/A	N/A	N/A	N/A	0.19	N/A	250	LIM	>299	✓	0.51	N/A	N/A	N/A	N/A

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

Date(s) dead testing: 11/07/2022 To 11/07/2022

Date(s) live testing: 11/07/2022 To 11/07/2022

Tested by: Name (capital letters): LIAM KIMBLE Position: Electrical Test Engineer Date: 11/07/2022

Signature:

Wiring Types. **A** PVC/PVC, **B** PVC cables in metallic Conduit, **C** PVC cables in non-metallic Conduit, **D** PVC cables in metallic trunking, **E** PVC cables in non-metallic trunking, **F** PVC/SWA cables, **G** SWA/XPLE cables, **H** Mineral Insulated, **MW** Metal Work, **FM** Ferrous Metal, **O** Other

ELECTRICAL INSTALLATION CONDITION REPORT - Schedule of Tests

FT/EICR: 110147629

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

Company Name	PHS Compliance	**Company Address**	Kid Glove Road	**Postcode**	WA3 3GR	**Branch No.**	**Scheme No.**
Client	UPP Residential Services Ltd	**Installation Address**	Swansea University Bay Campus - Elinor 14, Reception - Ground Floor Tower Information Centre, Fabian Way, Crymlyn Burrows, Swansea	**Postcode**	SA1 8EN		

Distribution board details - Complete in every case

Location: Room 2 Riser 7th Floor [Schneider]
Designation: DB CL8/7
Num. of ways: 4 Num. of phases: 1
Supply polarity confirmed: ☑ Phase sequence confirmed: ☐

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

Supply to distribution board is from: Sub Mains(DB CL8, 7/L1)
Overcurrent protective device for the distribution circuit: BS(EN) 61009 RCD/RCBO Type C Rating 32 A Voltage 230 V

Characteristics at this distribution board

Associated RCD(if any): BS (EN) 61009
Z_d 0.39 Ω No. of poles 2
I_{pf} 0.59 kA IΔn 30
Time delay (if applicable) N/A
Above 30mA (if applicable): Operating at 1 IΔn 28.8 ms
30mA or below: Operating at 5 IΔn 28.8 ms

Test instrument serial number(s)

Loop impedance: 080408/5657
Insulation resistance: 080408/5657
Continuity: 080408/5657
RCD: 080408/5657

CIRCUIT DETAILS / TEST RESULTS

Circuit No. and Line No.	Distribution board Designation / Circuit designation	Type of wiring	Ref. method	No. of points	Circuit conductors csa (mm²) L / N	Circuit conductors csa (mm²) CPC	Maximum disconnection	Overcurrent protective devices BS EN Number	Overcurrent protective devices Type No.	Overcurrent protective devices Rating (A)	Breaking capacity (KA)	RCD operating (mA)	BS 7671 Max. permitted Zs Other 80% (Ω)	Circuit impedance Ω Ring final circuits only (measured end-to-end) r1	r1	rn	r2	Fig 8 check (✓)	All circuits to be completed using R1R2 or R2, not both R1 + R2	R2	Insulation resistance (Record lower reading) Test voltage V	L/L, L/N M(Ω)	L/E, N/E M(Ω)	Polarity (✓)	Max. Measured Zs (Ω)	RCD testing Above 30mA IΔn ms	RCD testing 30mA or below 5 IΔn ms	Manual test button operation RCD (✓)	AFDD (✓)
1/L1	Room 2 Sockets	A	B	6	2.5	1.5	0.4	60898 MCB	B	10	6	N/A	3.49	N/A	N/A	N/A	N/A	0.24	N/A	250	LIM	>299	✓	0.63	N/A	N/A	N/A	N/A
2/L1	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
3/L1	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
4/L1	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Details of circuits and/or installed equipment vulnerable to damage when testing: Date(s) dead testing 11/07/2022 To 11/07/2022 Date(s) live testing 11/07/2022 To 11/07/2022

Tested by: Name (capital letters) LIAM KIMBLE Position Electrical Test Engineer Date 11/07/2022 Signature

Wiring Types. **A** PVC/PVC, **B** PVC cables in metallic Conduit, **C** PVC cables in non-metallic Conduit, **D** PVC cables in metallic trunking, **E** PVC cables in non-metallic trunking, **F** PVC/SWA cables, **G** SWA/XPLE cables, **H** Mineral Insulated, **MW** Metal Work, **FM** Ferrous Metal, **O** Other

ELECTRICAL INSTALLATION CONDITION REPORT - Schedule of Tests

FT/EICR 110147629

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

phs Compliance

Company Name	PHS Compliance	**Company Address**	Kid Glove Road	**Postcode**	WA3 3GR	**Branch No.**		**Scheme No.**	
Client	UPP Residential Services Ltd	**Installation Address**	Swansea University Bay Campus - Elinor 14, Reception - Ground Floor Tower Information Centre, Fabian Way, Crymlyn Burrows, Swansea	**Postcode**	SA1 8EN				

Distribution board details - Complete in every case

Location: Room 2 Riser 6th Floor [Schneider]
Designation: DB CL7/7
Num. of ways: 4 Num. of phases: 1
Supply polarity confirmed: ☑ Phase sequence confirmed: ☐

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

Supply to distribution board is from: Sub Mains(DB CL7, 7/L3)
Overcurrent protective device for the distribution circuit: BS(EN) 61009 RCD/RCBO Type C Rating 32 A Voltage 230 V

Characteristics at this distribution board

Associated RCD(if any): BS (EN) 61009
Z_d 0.38 Ω No. of poles 2
I_{pf} 0.60 kA IΔn 30
Time delay (if applicable) N/A
Above 30mA (if applicable): Operating at 1 IΔn 28.4 ms
30mA or below: Operating at 5 IΔn 28.7 ms

Test instrument serial number(s)

Loop impedance 080408/5657
Insulation resistance 080408/5657
Continuity 080408/5657
RCD 080408/5657

CIRCUIT DETAILS / TEST RESULTS

Circuit No. and Line No.	Distribution board Designation: DB CL7/7 / Circuit designation	Type of wiring	Ref. method	No. of points	Circuit conductors csa (mm²) L / N	Circuit conductors csa (mm²) CPC	Maximum disconnection	Overcurrent protective devices BS EN Number	Overcurrent protective devices Type No.	Overcurrent protective devices Rating (A)	Breaking capacity (KA)	RCD operating (mA)	BS 7671 Max. permitted Zs Other 80% (Ω)	Circuit impedance Ω Ring final circuits only (measured end-to-end) r1	r2	rn	Fig 8 check (✓)	All circuits to be completed using R1R2 or R2, not both R1 + R2	R2	Insulation resistance (Record lower reading) Test voltage V	L/L, L/N M(Ω)	L/E, N/E M(Ω)	Polarity (✓)	Max. Measured Zs (Ω)	RCD testing Above 30mA IΔn ms	30mA or below 5 IΔn ms	Manual test button operation RCD (✓)	AFDD (✓)
1/L3	Room 2 Sockets	A	B	6	2.5	1.5	0.4	60898 MCB	B	10	6	N/A	3.49	N/A	N/A	N/A	N/A	0.12	N/A	250	LIM	>299	✓	0.42	N/A	N/A	N/A	N/A
2/L3	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
3/L3	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
4/L3	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Details of circuits and/or installed equipment vulnerable to damage when testing: Date(s) dead testing 11/07/2022 To 11/07/2022 Date(s) live testing 11/07/2022 To 11/07/2022

Tested by: Name (capital letters) LIAM KIMBLE Position Electrical Test Engineer Date 11/07/2022 Signature

Wiring Types. **A** PVC/PVC, **B** PVC cables in metallic Conduit, **C** PVC cables in non-metallic Conduit, **D** PVC cables in metallic trunking, **E** PVC cables in non-metallic trunking, **F** PVC/SWA cables, **G** SWA/XPLE cables, **H** Mineral Insulated, **MW** Metal Work, **FM** Ferrous Metal, **O** Other

ELECTRICAL INSTALLATION CONDITION REPORT - Schedule of Tests

FT/EICR 110147629

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

phs Compliance

Company Name	PHS Compliance	**Company Address**	Kid Glove Road	**Postcode**	WA3 3GR	**Branch No.**		**Scheme No.**	
Client	UPP Residential Services Ltd	**Installation Address**	Swansea University Bay Campus - Elinor 14, Reception - Ground Floor Tower Information Centre, Fabian Way, Crymlyn Burrows, Swansea					**Postcode**	SA1 8EN

Distribution board details - Complete in every case

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

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

Supply to distribution board is from: Sub Mains(Busbar, 24/TP)
Overcurrent protective device for the distribution circuit: BS(EN) 88-2 HRC Type gG Rating 63 A Voltage 400 V

Characteristics at this distribution board

Associated RCD(if any): BS (EN) N/A
Z_d 0.14 Ω No. of poles N/A
I_{pf} 3.40 kA IΔn N/A
Time delay (if applicable) N/A
Above 30mA (if applicable) Operating at 1 IΔn N/A ms
30mA or below Operating at 5 IΔn N/A ms

Test instrument serial number(s)

Loop impedance 080408/5756
Insulation resistance 080408/5756
Continuity 080408/5756
RCD 080408/5756

CIRCUIT DETAILS / TEST RESULTS

Circuit No. and Line No.	Distribution board Designation / Circuit designation	Type of wiring	Ref. method	No. of points	Circuit conductors csa (mm²) L / N	Circuit conductors csa (mm²) CPC	Maximum disconnection	Overcurrent protective devices BS EN Number	Overcurrent protective devices Type No.	Overcurrent protective devices Rating (A)	Breaking capacity (KA)	RCD operating (mA)	BS 7671 Max. permitted Zs Other 80% (Ω)	Circuit impedance Ω Ring final circuits only (measured end-to-end) r1	rn	r2	Fig 8 check (✓)	All circuits to be completed using R1R2 or R2, not both R1 + R2	R2	Insulation resistance (Record lower reading) Test voltage V	L/L, L/N M(Ω)	L/E, N/E M(Ω)	Polarity (✓)	Max. Measured Zs (Ω)	RCD testing Above 30mA IΔn ms	RCD testing 30mA or below 5 IΔn ms	Manual test button operation RCD (✓)	Manual test button operation AFDD (✓)
1/TP	Sub Mains(DB Mech Panel)	G	E	1	16	16	0.4	60898 MCB	C	32	10	N/A	0.54	N/A	N/A	N/A	N/A	0.02	N/A	250	LIM	>299	✓	0.16	N/A	N/A	N/A	N/A
2/L1	Fan 1	O	E	1	2.5	2.5	0.4	61009 RCD/	C	16	10	30	1.09	N/A	N/A	N/A	N/A	0.10	N/A	250	LIM	>299	✓	0.24	29.3	21.3	✓	N/A
2/L2	Fan 2	O	E	1	2.5	2.5	0.4	61009 RCD/	C	16	10	30	1.09	N/A	N/A	N/A	N/A	0.13	N/A	250	LIM	>299	✓	0.28	35.0	28.6	✓	N/A
2/L3	Fan 3	O	E	1	2.5	2.5	0.4	61009 RCD/	C	16	10	30	1.09	N/A	N/A	N/A	N/A	0.14	N/A	250	LIM	>299	✓	0.26	38.7	28.6	✓	N/A
3/L1	Fan 4	O	E	1	2.5	2.5	0.4	61009 RCD/	C	16	10	30	1.09	N/A	N/A	N/A	N/A	0.10	N/A	250	LIM	>299	✓	0.24	28.7	28.5	✓	N/A
3/L2	Plant Ring	B	B	4	2x2.5	2x1.5	0.4	61009 RCD/	C	32	10	30	0.54	0.33	0.33	0.27	N/A	0.15	N/A	250	LIM	>299	✓	0.32	28.5	28.8	✓	N/A
3/L3	Lighting Plant	B	B	8	1.5	1	0.4	60898 MCB	C	10	10	N/A	1.75	N/A	N/A	N/A	N/A	0.32	N/A	250	LIM	>299	✓	0.49	N/A	N/A	✓	N/A
4/L1	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
4/L2	Fan Contactors	D	B	4	1.5	1.5	0.4	60898 MCB	C	6	10	N/A	2.91	N/A	N/A	N/A	N/A	0.07	N/A	250	LIM	>299	✓	0.20	N/A	N/A	N/A	N/A
4/L3	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
5/L1	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
5/L2	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
5/L3	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
6/L1	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
6/L2	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
6/L3	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
7/L1	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
7/L2	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

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

Date(s) dead testing 12/07/2022 To 12/07/2022

Date(s) live testing 12/07/2022 To 12/07/2022

Tested by: Name (capital letters) LIAM KIMBLE Position Electrical Test Engineer Date 12/07/2022

Signature

Wiring Types. **A** PVC/PVC, **B** PVC cables in metallic Conduit, **C** PVC cables in non-metallic Conduit, **D** PVC cables in metallic trunking, **E** PVC cables in non-metallic trunking, **F** PVC/SWA cables, **G** SWA/XPLE cables, **H** Mineral Insulated, **MW** Metal Work, **FM** Ferrous Metal, **O** Other

ELECTRICAL INSTALLATION CONDITION REPORT - Schedule of Tests

FT/ EICR 110147629

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

phs Compliance

CIRCUIT DETAILS														TEST RESULTS																	
Circuit No. and Line No.	Distribution board Designation / Circuit designation	Type of wiring	Ref. method	No. of points	Circuit conductors csa (mm²) L / N	Circuit conductors csa (mm²) CPC	Maximum disconnection	Overcurrent protective devices BS EN Number	Overcurrent protective devices Type No.	Overcurrent protective devices Rating (A)	Breaking capacity (KA)	RCD operating (mA)	BS 7671 Max. permitted Zs Other 80% (Ω)	Circuit impedance Ω Ring final circuits only (measured end-to-end) r1	rn	r2	Fig 8 check (✓)	All circuits to be completed using R1R2 or R2, not both R1 + R2	R2	Insulation resistance (Record lower reading) Test voltage V	L/L, L/N M(Ω)	L/E, N/E M(Ω)	Polarity (✓)	Max. Measured Zs (Ω)	RCD testing Above 30mA IΔn ms	30mA or below 5 IΔn ms	Manual test button operation RCD (✓)	AFDD (✓)
7/L3	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
8/L1	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
8/L2	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
8/L3	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
9/L1	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
9/L2	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
9/L3	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/L1	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/L2	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/L3	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/L1	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/L2	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/L3	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
12/TP	ISOLATED	D	B	LIM	16	16	0.4	60898 MCB	C	40	10	N/A	0.44	N/A	N/A	N/A	N/A	LIM	N/A	250	LIM	>299	LIM	LIM	N/A	N/A	N/A	N/A	N/A	N/A	N/A

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

Date(s) dead testing 12/07/2022 To 12/07/2022

Date(s) live testing 12/07/2022 To 12/07/2022

Tested by: Name (capital letters) LIAM KIMBLE

Position Electrical Test Engineer

Date 12/07/2022

Signature

Wiring Types. **A** PVC/PVC, **B** PVC cables in metallic Conduit, **C** PVC cables in non-metallic Conduit, **D** PVC cables in metallic trunking, **E** PVC cables in non-metallic trunking, **F** PVC/SWA cables, **G** SWA/XPLE cables, **H** Mineral Insulated, **MW** Metal Work, **FM** Ferrous Metal, **O** Other

ELECTRICAL INSTALLATION CONDITION REPORT - Schedule of Tests

FT/EICR: 110147629

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

phs Compliance

Company Name	PHS Compliance	**Company Address**	Kid Glove Road	**Postcode**	WA3 3GR	**Branch No.**	**Scheme No.**
Client	UPP Residential Services Ltd	**Installation Address**	Swansea University Bay Campus - Elinor 14, Reception - Ground Floor Tower Information Centre, Fabian Way, Crymlyn Burrows, Swansea	**Postcode**	SA1 8EN		

Distribution board details - Complete in every case

Location: Ground Floor Kitchen (Schneider)
Designation: DB CL1
Num. of ways: 18 Num. of phases: 1
Supply polarity confirmed: ☑ Phase sequence confirmed: ☐

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

Supply to distribution board is from: Sub Mains(MSP, 3/L1)
Overcurrent protective device for the distribution circuit: BS(EN) 60947 MCCB; Type N/A; Rating 63 A; Voltage 230 V

Characteristics at this distribution board

Associated RCD(if any): BS (EN) N/A
Z_d 0.14 Ω; I_{pf} 1.67 kA
Time delay (if applicable) NA
No. of poles NA
IΔn N/A
Above 30mA (if applicable): Operating at 1 IΔn N/A ms; 30mA or below: Operating at 5 IΔn N/A ms

Test instrument serial number(s)

Loop impedance 080408/5657
Insulation resistance 080408/5657
Continuity 080408/5657
RCD 080408/5657

CIRCUIT DETAILS / TEST RESULTS

Circuit No. and Line No.	Circuit designation	Type of wiring	Ref. method	No. of points	Circuit conductors csa (mm²) L / N	Circuit conductors csa (mm²) CPC	Maximum disconnection	Overcurrent protective devices BS EN Number	Overcurrent protective devices Type No.	Overcurrent protective devices Rating (A)	Breaking capacity (KA)	RCD operating (mA)	BS 7671 Max. permitted Zs Other 80% (Ω)	Circuit impedance Ω Ring final circuits only (measured end-to-end) r1	r1	rn	r2	Fig 8 check (✓)	All circuits to be completed using R1R2 or R2, not both R1 + R2	R2	Insulation resistance (Record lower reading) Test voltage V	L/L, L/N M(Ω)	L/E, N/E M(Ω)	Polarity (✓)	Max. Measured Zs (Ω)	RCD testing Above 30mA IΔn ms	RCD testing 30mA or below 5 IΔn ms	Manual test button operation RCD (✓)	AFDD (✓)
1/L1	Common Room Lights	A	E	1	1.5	1	0.4	61009 RCD/	C	10	10	30	1.75	N/A	N/A	N/A	N/A	0.12	N/A	250	LIM	>299	✓	0.32	29.9	27.9	✓	N/A
2/L1	Bedroom Lights 2,3,4	A	E	9	1.5	1	0.4	61009 RCD/	C	10	10	30	1.75	N/A	N/A	N/A	N/A	0.21	N/A	250	LIM	>299	✓	0.49	29.8	22.0	✓	N/A
3/L1	Bedroom Lights 5,6,7	A	E	9	1.5	1	0.4	61009 RCD/	C	10	10	30	1.75	N/A	N/A	N/A	N/A	0.33	N/A	250	LIM	>299	✓	0.52	30.1	22.4	✓	N/A
4/L1	Bedroom Lights 1,8	A	E	6	1.5	1	0.4	61009 RCD/	C	10	10	30	1.75	N/A	N/A	N/A	N/A	0.28	N/A	250	LIM	>299	✓	0.53	28.9	28.0	✓	N/A
5/L1	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
6/L1	Sub Mains(DB/CL1.6.1, DB/CL1.6.2)	A	E	9	2x2.5	2x1.5	5	61009 RCD/RCBO	C	32	10	30	0.54	0.61	0.61	1.04	✓	0.43	N/A	250	LIM	>299	✓	0.43	29.9	22.0	✓	N/A
7/L1	Sub Mains(DB/CL1.7.1, DB/CL1.7.2, DB/CL1.7.3)	A	E	9	2x2.5	2x1.5	5	61009 RCD/RCBO	C	32	10	30	0.54	0.58	0.59	0.99	✓	0.41	N/A	250	LIM	>299	✓	0.40	31.4	29.0	✓	N/A
8/L1	Sub Mains(DB/CL1.8.1)	A	E	6	2x2.5	2x1.5	5	61009 RCD/	C	32	10	30	0.54	0.55	0.54	0.97	✓	0.38	N/A	250	LIM	>299	✓	0.38	33.7	28.7	✓	N/A
9/L1	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/L1	Kitchen Ring Main 1	A	E	5	2x2.5	2x1.5	0.4	61009 RCD/	C	32	10	30	0.54	0.30	0.31	0.48	✓	0.21	N/A	250	LIM	>299	✓	0.32	29.8	22.0	✓	N/A
11/L1	Kitchen Ring Main 2	A	E	5	2x2.5	2x1.5	0.4	61009 RCD/	C	32	10	30	0.54	0.22	0.21	0.29	✓	0.13	N/A	250	LIM	>299	✓	0.31	27.9	18.9	✓	N/A
12/L1	Hob 1	A	E	1	6	2.5	0.4	61009 RCD/	C	32	10	30	0.54	N/A	N/A	N/A	N/A	0.12	N/A	250	LIM	>299	✓	0.25	31.6	29.7	✓	N/A
13/L1	Hob 2	A	E	1	6	2.5	0.4	61009 RCD/	C	32	10	30	0.54	N/A	N/A	N/A	N/A	0.18	N/A	250	LIM	>299	✓	0.25	28.9	22.7	✓	N/A
14/L1	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
15/L1	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
16/L1	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
17/L1	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

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

Date(s) dead testing: 11/07/2022 To 11/07/2022

Date(s) live testing: 11/07/2022 To 11/07/2022

Signature

Tested by: Name (capital letters): LIAM KIMBLE Position: Electrical Test Engineer Date: 11/07/2022

Wiring Types. **A** PVC/PVC, **B** PVC cables in metallic Conduit, **C** PVC cables in non-metallic Conduit, **D** PVC cables in metallic trunking, **E** PVC cables in non-metallic trunking, **F** PVC/SWA cables, **G** SWA/XPLE cables, **H** Mineral Insulated, **MW** Metal Work, **FM** Ferrous Metal, **O** Other

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phs Compliance

CIRCUIT DETAILS														TEST RESULTS																
Circuit No. and Line No.	Distribution board Designation / Circuit designation	Type of wiring	Ref. method	No. of points	Circuit conductors csa (mm²)		Maximum disconnection	Overcurrent protective devices			Breaking capacity	RCD operating	BS 7671 Max. permitted Zs Other 80%	Circuit impedance Ω						Insulation resistance (Record lower reading)			Polarity	Max. Measured	RCD testing		Manual test button operation	
														Ring final circuits only (measured end-to-end)			Fig 8 check	All circuits to be completed using R1R2 or R2, not both		Test voltage	L/L, L/N	L/E, N/E			Above 30mA IΔn	30mA or below 5 IΔn	RCD	AFDD
	DB CL1 / Circuit designation				L / N	CPC		BS EN Number	Type No.	Rating (A)	(KA)	(mA)	(Ω)	r1	rn	r2	(✓)	R1 + R2	R2	V	M(Ω)	M(Ω)	(✓)	Zs (Ω)	ms	ms	(✓)	(✓)
18/L1	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

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

Date(s) dead testing 11/07/2022 To 11/07/2022

Date(s) live testing 11/07/2022 To 11/07/2022

Tested by: Name (capital letters) LIAM KIMBLE

Position Electrical Test Engineer

Date 11/07/2022

Signature

Wiring Types. **A** PVC/PVC, **B** PVC cables in metallic Conduit, **C** PVC cables in non-metallic Conduit, **D** PVC cables in metallic trunking, **E** PVC cables in non-metallic trunking, **F** PVC/SWA cables, **G** SWA/XPLE cables, **H** Mineral Insulated, **MW** Metal Work, **FM** Ferrous Metal, **O** Other

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phs Compliance

Company Name	PHS Compliance	**Company Address**	Kid Glove Road	**Postcode**	WA3 3GR	**Branch No.**		**Scheme No.**	
Client	UPP Residential Services Ltd	**Installation Address**	Swansea University Bay Campus - Elinor 14, Reception - Ground Floor Tower Information Centre, Fabian Way, Crymlyn Burrows, Swansea	**Postcode**	SA1 8EN				

Distribution board details - Complete in every case

Location: Room 6 Riser 2nd Floor [Schneider]
Designation: DB CL3/8-1
Num. of ways: 4 Num. of phases: 1
Supply polarity confirmed: ☑ Phase sequence confirmed: ☐

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

Supply to distribution board is from: Sub Mains(DB CL3, 8/L2)
Overcurrent protective device for the distribution circuit: BS(EN) 61009 RCD/RCBO Type C Rating 32 A Voltage 230 V

Characteristics at this distribution board

Associated RCD(if any): BS (EN) 61009
Z_d 0.37 Ω No. of poles 2
I_{pf} 0.63 kA IΔn 30
Time delay (if applicable) N/A
Above 30mA (if applicable): Operating at 1 IΔn 22.5 ms; 30mA or below: Operating at 5 IΔn 18.9 ms

Test instrument serial number(s)

Loop impedance 080408/5657
Insulation resistance 080408/5657
Continuity 080408/5657
RCD 080408/5657

CIRCUIT DETAILS / TEST RESULTS

Circuit No. and Line No.	Distribution board Designation / Circuit designation	Type of wiring	Ref. method	No. of points	Circuit conductors csa (mm²) L / N	Circuit conductors csa (mm²) CPC	Maximum disconnection	Overcurrent protective devices BS EN Number	Overcurrent protective devices Type No.	Overcurrent protective devices Rating (A)	Breaking capacity (KA)	RCD operating (mA)	BS 7671 Max. permitted Zs Other 80% (Ω)	Circuit impedance Ω Ring final circuits only (measured end-to-end) r1	r2	rn	Fig 8 check (✓)	All circuits to be completed using R1R2 or R2, not both R1 + R2	R2	Insulation resistance (Record lower reading) Test voltage V	L/L, L/N M(Ω)	L/E, N/E M(Ω)	Polarity (✓)	Max. Measured Zs (Ω)	RCD testing Above 30mA IΔn ms	30mA or below 5 IΔn ms	Manual test button operation RCD (✓)	AFDD (✓)
1/L2	Room 6 Sockets	A	B	6	2.5	1.5	0.4	60898 MCB	B	10	6	N/A	3.49	N/A	N/A	N/A	N/A	0.08	N/A	250	LIM	>299	✓	0.55	N/A	N/A	N/A	N/A
2/L2	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
3/L2	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
4/L2	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Details of circuits and/or installed equipment vulnerable to damage when testing: Date(s) dead testing 11/07/2022 To 11/07/2022 Date(s) live testing 11/07/2022 To 11/07/2022

Tested by: Name (capital letters) LIAM KIMBLE Position Electrical Test Engineer Date 11/07/2022 Signature

Wiring Types. **A** PVC/PVC, **B** PVC cables in metallic Conduit, **C** PVC cables in non-metallic Conduit, **D** PVC cables in metallic trunking, **E** PVC cables in non-metallic trunking, **F** PVC/SWA cables, **G** SWA/XPLE cables, **H** Mineral Insulated, **MW** Metal Work, **FM** Ferrous Metal, **O** Other

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FT/EICR: 110147629

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

phs Compliance

Company Name	PHS Compliance	**Company Address**	Kid Glove Road	**Postcode**	WA3 3GR	**Branch No.**	**Scheme No.**
Client	UPP Residential Services Ltd	**Installation Address**	Swansea University Bay Campus - Elinor 14, Reception - Ground Floor Tower Information Centre, Fabian Way, Crymlyn Burrows, Swansea	**Postcode**	SA1 8EN		

Distribution board details - Complete in every case

Location: Room 5 Riser 3rd Floor [Schneider]
Designation: DB CL4/8
Num. of ways: 4 Num. of phases: 1
Supply polarity confirmed: ☑ Phase sequence confirmed: ☐

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

Supply to distribution board is from: Sub Mains(DB CL4, 8/L3)
Overcurrent protective device for the distribution circuit: BS(EN) 61009 RCD/RCBO Type C Rating 32 A Voltage 230 V

Characteristics at this distribution board

Associated RCD(if any): BS (EN) 61009
Z_d 0.32 Ω No. of poles 2
I_{pf} 0.71 kA IΔn 30
Time delay (if applicable) N/A
Above 30mA (if applicable): Operating at 1 IΔn 28.6 ms
30mA or below: Operating at 5 IΔn 18.7 ms

Test instrument serial number(s)

Loop impedance: 080408/5657
Insulation resistance: 080408/5657
Continuity: 080408/5657
RCD: 080408/5657

CIRCUIT DETAILS / TEST RESULTS

Circuit No. and Line No.	Distribution board Designation / Circuit designation	Type of wiring	Ref. method	No. of points	Circuit conductors csa (mm²) L / N	Circuit conductors csa (mm²) CPC	Maximum disconnection	Overcurrent protective devices BS EN Number	Overcurrent protective devices Type No.	Overcurrent protective devices Rating (A)	Breaking capacity (KA)	RCD operating (mA)	BS 7671 Max. permitted Zs Other 80% (Ω)	Circuit impedance Ω Ring final circuits only (measured end-to-end) r1	r1	rn	r2	Fig 8 check (✓)	All circuits to be completed using R1R2 or R2, not both R1 + R2	R2	Insulation resistance (Record lower reading) Test voltage V	L/L, L/N M(Ω)	L/E, N/E M(Ω)	Polarity (✓)	Max. Measured Zs (Ω)	RCD testing Above 30mA IΔn ms	RCD testing 30mA or below 5 IΔn ms	Manual test button operation RCD (✓)	AFDD (✓)
1/L3	Room 5 Sockets	A	B	6	2.5	1.5	0.4	60898 MCB	B	10	6	N/A	3.49	N/A	N/A	N/A	N/A	0.08	N/A	250	LIM	>299	✓	0.44	N/A	N/A	N/A	N/A
2/L3	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
3/L3	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
4/L3	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

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

Date(s) dead testing: 11/07/2022 To 11/07/2022
Date(s) live testing: 11/07/2022 To 11/07/2022

Tested by: Name (capital letters): LIAM KIMBLE Position: Electrical Test Engineer Date: 11/07/2022
Signature:

Wiring Types. **A** PVC/PVC, **B** PVC cables in metallic Conduit, **C** PVC cables in non-metallic Conduit, **D** PVC cables in metallic trunking, **E** PVC cables in non-metallic trunking, **F** PVC/SWA cables, **G** SWA/XPLE cables, **H** Mineral Insulated, **MW** Metal Work, **FM** Ferrous Metal, **O** Other

ELECTRICAL INSTALLATION CONDITION REPORT - Schedule of Tests

FT/EICR 110147629

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

phs Compliance

Company Name	PHS Compliance	**Company Address**	Kid Glove Road	**Postcode**	WA3 3GR	**Branch No.**	**Scheme No.**
Client	UPP Residential Services Ltd	**Installation Address**	Swansea University Bay Campus - Elinor 14, Reception - Ground Floor Tower Information Centre, Fabian Way, Crymlyn Burrows, Swansea	**Postcode**	SA1 8EN		

Distribution board details - Complete in every case

Location: Room 3 Riser 6th Floor [Schneider]
Designation: DB CL7/7-1
Num. of ways: 4 Num. of phases: 1
Supply polarity confirmed: ☑ Phase sequence confirmed: ☐

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

Supply to distribution board is from: Sub Mains(DB CL7, 7/L3)
Overcurrent protective device for the distribution circuit: BS(EN) 61009 RCD/RCBO Type C Rating 32 A Voltage 230 V

Characteristics at this distribution board

Associated RCD(if any): BS (EN) 61009
Z_d 0.38 Ω No. of poles 2
I_{pf} 0.60 kA IΔn 30
Time delay (if applicable) N/A
Above 30mA (if applicable): Operating at 1 IΔn 28.4 ms
30mA or below: Operating at 5 IΔn 28.7 ms

Test instrument serial number(s)

Loop impedance 080408/5657
Insulation resistance 080408/5657
Continuity 080408/5657
RCD 080408/5657

CIRCUIT DETAILS / TEST RESULTS

Circuit No. and Line No.	Distribution board Designation / Circuit designation	Type of wiring	Ref. method	No. of points	Circuit conductors csa (mm²) L / N	Circuit conductors csa (mm²) CPC	Maximum disconnection	Overcurrent protective devices BS EN Number	Overcurrent protective devices Type No.	Overcurrent protective devices Rating (A)	Breaking capacity (KA)	RCD operating (mA)	BS 7671 Max. permitted Zs Other 80% (Ω)	Circuit impedance Ω Ring final circuits only (measured end-to-end) r1	r2	rn	Fig 8 check (✓)	All circuits to be completed using R1R2 or R2, not both R1 + R2	R2	Insulation resistance (Record lower reading) Test voltage V	L/L, L/N M(Ω)	L/E, N/E M(Ω)	Polarity (✓)	Max. Measured Zs (Ω)	RCD testing Above 30mA IΔn ms	30mA or below 5 IΔn ms	Manual test button operation RCD (✓)	AFDD (✓)
1/L3	Room 3 Sockets	A	B	6	2.5	1.5	0.4	60898 MCB	B	10	6	N/A	3.49	N/A	N/A	N/A	N/A	0.09	N/A	250	LIM	>299	✓	0.52	N/A	N/A	N/A	N/A
2/L3	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
3/L3	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
4/L3	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Details of circuits and/or installed equipment vulnerable to damage when testing: Date(s) dead testing 11/07/2022 To 11/07/2022 Date(s) live testing 11/07/2022 To 11/07/2022

Tested by: Name (capital letters) LIAM KIMBLE Position Electrical Test Engineer Date 11/07/2022 Signature

Wiring Types. **A** PVC/PVC, **B** PVC cables in metallic Conduit, **C** PVC cables in non-metallic Conduit, **D** PVC cables in metallic trunking, **E** PVC cables in non-metallic trunking, **F** PVC/SWA cables, **G** SWA/XPLE cables, **H** Mineral Insulated, **MW** Metal Work, **FM** Ferrous Metal, **O** Other

ELECTRICAL INSTALLATION CONDITION REPORT - Schedule of Tests

FT/EICR 110147629

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

phs Compliance

Company Name	PHS Compliance	**Company Address**	Kid Glove Road	**Postcode**	WA3 3GR	**Branch No.**	**Scheme No.**
Client	UPP Residential Services Ltd	**Installation Address**	Swansea University Bay Campus - Elinor 14, Reception - Ground Floor Tower Information Centre, Fabian Way, Crymlyn Burrows, Swansea	**Postcode**	SA1 8EN		

Distribution board details - Complete in every case

Location: 7th Floor Kitchen (Schneider)
Designation: DB CL8
Num. of ways: 18 Num. of phases: 1
Supply polarity confirmed: ☑ Phase sequence confirmed: ☐

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

Supply to distribution board is from: Sub Mains(Busbar, 22/L1)
Overcurrent protective device for the distribution circuit: BS(EN) 88-2 HRC Type gG Rating 63 A Voltage 230 V

Characteristics at this distribution board

Associated RCD(if any): BS (EN) N/A
Z_d 0.15 Ω No. of poles NA
I_{pf} 1.56 kA IΔn N/A
Time delay (if applicable) NA
Above 30mA (if applicable) Operating at 1 IΔn N/A ms
30mA or below Operating at 5 IΔn N/A ms

Test instrument serial number(s)

Loop impedance 080408/5756
Insulation resistance 080408/5756
Continuity 080408/5756
RCD 080408/5756

CIRCUIT DETAILS / TEST RESULTS

Circuit No. and Line No.	Circuit designation	Type of wiring	Ref. method	No. of points	Circuit conductors csa (mm²) L / N	Circuit conductors csa (mm²) CPC	Maximum disconnection	Overcurrent protective devices BS EN Number	Overcurrent protective devices Type No.	Overcurrent protective devices Rating (A)	Breaking capacity (KA)	RCD operating (mA)	BS 7671 Max. permitted Zs Other 80% (Ω)	Circuit impedance Ω Ring final circuits only (measured end-to-end) r1	r1	rn	r2	Fig 8 check (✓)	All circuits to be completed using R1R2 or R2, not both R1 + R2	R2	Insulation resistance (Record lower reading) Test voltage V	L/L, L/N M(Ω)	L/E, N/E M(Ω)	Polarity (✓)	Max. Measured Zs (Ω)	RCD testing Above 30mA IΔn ms	RCD testing 30mA or below 5 IΔn ms	Manual test button operation RCD (✓)	AFDD (✓)
1/L1	Common Room Lights	A	B	1	1.5	1	0.4	61009 RCD/	C	10	10	30	1.75	N/A	N/A	N/A	N/A	0.48	N/A	250	LIM	>299	✓	0.59	38.5	28.7	✓	N/A
2/L1	Bedroom Lights 2,3,4	A	B	9	1.5	1	0.4	61009 RCD/	C	10	10	30	1.75	N/A	N/A	N/A	N/A	0.69	N/A	250	LIM	>299	✓	0.94	24.5	28.6	✓	N/A
3/L1	Bedroom Lights 5,6,7	A	B	6	1.5	1	0.4	61009 RCD/	C	10	10	30	1.75	N/A	N/A	N/A	N/A	0.47	N/A	250	LIM	>299	✓	0.62	28.4	28.5	✓	N/A
4/L1	Bedroom Lights 1,8	A	B	9	1.5	1	0.4	61009 RCD/	C	10	10	30	1.75	N/A	N/A	N/A	N/A	0.68	N/A	250	LIM	>299	✓	0.84	28.5	28.6	✓	N/A
5/L1	Bedroom Lights	A	B	6	1.5	1	0.4	61009 RCD/	C	10	10	30	1.75	N/A	N/A	N/A	N/A	0.47	N/A	250	LIM	>299	✓	0.44	28.6	28.7	✓	N/A
6/L1	Sub Mains(DB CL8/6-1, DB CL8/6)	A	B	6	2x2.5	2x1.5	5	61009 RCD/RCBO	C	32	10	30	0.54	0.25	0.25	0.37	✓	0.16	N/A	250	LIM	>299	✓	0.32	28.4	18.6	✓	N/A
7/L1	Sub Mains(DB CL8/7-2, DB CL8/7, DB CL8/7-1)	A	B	9	2x2.5	2x1.5	5	61009 RCD/RCBO	C	32	10	30	0.54	0.30	0.30	0.44	✓	0.19	N/A	250	LIM	>299	✓	0.39	28.8	28.8	✓	N/A
8/L1	Sub Mains(DB CL8/8-1, DB CL8/8)	A	B	6	2x2.5	2x1.5	5	61009 RCD/RCBO	C	32	10	30	0.54	0.36	0.36	0.49	✓	0.21	N/A	250	LIM	>299	✓	0.37	28.5	28.6	✓	N/A
9/L1	Sub Mains(DB CL8/9-2, DB CL8/9, DB CL8/9-1)	A	B	9	2x2.5	2x1.5	5	61009 RCD/RCBO	C	32	10	30	0.54	0.34	0.35	0.51	✓	0.21	N/A	250	LIM	>299	✓	0.35	28.6	28.5	✓	N/A
10/L1	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/L1	Kitchen Ring Main 1	A	B	5	2x2.5	2x1.5	0.4	61009 RCD/	C	32	10	30	0.54	0.26	0.26	0.38	✓	0.16	N/A	250	LIM	>299	✓	0.38	28.8	28.8	✓	N/A
12/L1	Kitchen Ring Main 2	A	B	1	2x2.5	2x1.5	0.4	61009 RCD/	C	32	10	30	0.54	0.31	0.31	0.45	✓	0.19	N/A	250	LIM	>299	✓	0.35	28.6	28.7	✓	N/A
13/L1	Hob 1	A	B	1	6	2.5	0.4	61009 RCD/	C	32	10	30	0.54	N/A	N/A	N/A	N/A	0.12	N/A	250	LIM	>299	✓	0.29	28.4	28.5	✓	N/A
14/L1	Hob 2	A	E	1	6	2.5	0.4	61009 RCD/	C	32	10	30	0.54	N/A	N/A	N/A	N/A	0.18	N/A	250	LIM	>299	✓	0.36	28.8	28.7	✓	N/A
15/L1	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
16/L1	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

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

Date(s) dead testing: 11/07/2022 To 11/07/2022

Date(s) live testing: 11/07/2022 To 11/07/2022

Tested by: Name (capital letters): LIAM KIMBLE Position: Electrical Test Engineer Date: 11/07/2022

Signature

Wiring Types. **A** PVC/PVC, **B** PVC cables in metallic Conduit, **C** PVC cables in non-metallic Conduit, **D** PVC cables in metallic trunking, **E** PVC cables in non-metallic trunking, **F** PVC/SWA cables, **G** SWA/XPLE cables, **H** Mineral Insulated, **MW** Metal Work, **FM** Ferrous Metal, **O** Other

ELECTRICAL INSTALLATION CONDITION REPORT - Schedule of Tests

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

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

Date(s) dead testing 11/07/2022 To 11/07/2022

Date(s) live testing 11/07/2022 To 11/07/2022

Tested by: Name (capital letters) LIAM KIMBLE

Position Electrical Test Engineer

Date 11/07/2022

Signature

Wiring Types. **A** PVC/PVC, **B** PVC cables in metallic Conduit, **C** PVC cables in non-metallic Conduit, **D** PVC cables in metallic trunking, **E** PVC cables in non-metallic trunking, **F** PVC/SWA cables, **G** SWA/XPLE cables, **H** Mineral Insulated, **MW** Metal Work, **FM** Ferrous Metal, **O** Other

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Company Name	PHS Compliance	**Company Address**	Kid Glove Road	**Postcode**	WA3 3GR	**Branch No.**	**Scheme No.**
Client	UPP Residential Services Ltd	**Installation Address**	Swansea University Bay Campus - Elinor 14, Reception - Ground Floor Tower Information Centre, Fabian Way, Crymlyn Burrows, Swansea	**Postcode**	SA1 8EN		

Distribution board details - Complete in every case

Location: Room 3 Riser 2nd Floor [Schneider]
Designation: DB CL3/7-1
Num. of ways: 4 Num. of phases: 1
Supply polarity confirmed: ☑ Phase sequence confirmed: ☐

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

Supply to distribution board is from: Sub Mains(DB CL3, 7/L2)
Overcurrent protective device for the distribution circuit: BS(EN) 61009 RCD/RCBO Type C Rating 32 A Voltage 230 V

Characteristics at this distribution board

Associated RCD(if any): BS (EN) 61009
Z_d 0.39 Ω No. of poles 2
I_{pf} 0.59 kA IΔn 30
Time delay (if applicable) N/A
Above 30mA (if applicable): Operating at 1 IΔn 28.5 ms
30mA or below: Operating at 5 IΔn 27.6 ms

Test instrument serial number(s)

Loop impedance 080408/5657
Insulation resistance 080408/5657
Continuity 080408/5657
RCD 080408/5657

CIRCUIT DETAILS / TEST RESULTS

Circuit No. and Line No.	Distribution board Designation / Circuit designation	Type of wiring	Ref. method	No. of points	Circuit conductors csa (mm²) L / N	Circuit conductors csa (mm²) CPC	Maximum disconnection	Overcurrent protective devices BS EN Number	Overcurrent protective devices Type No.	Overcurrent protective devices Rating (A)	Breaking capacity (KA)	RCD operating (mA)	BS 7671 Max. permitted Zs Other 80% (Ω)	Circuit impedance Ω Ring final circuits only (measured end-to-end) r1	r2	rn	Fig 8 check (✓)	All circuits to be completed using R1R2 or R2, not both R1 + R2	R2	Insulation resistance (Record lower reading) Test voltage V	L/L, L/N M(Ω)	L/E, N/E M(Ω)	Polarity (✓)	Max. Measured Zs (Ω)	RCD testing Above 30mA IΔn ms	30mA or below 5 IΔn ms	Manual test button operation RCD (✓)	AFDD (✓)
1/L2	Room 3 Sockets	A	B	6	2.5	1.5	0.4	60898 MCB	B	10	6	N/A	3.49	N/A	N/A	N/A	N/A	0.07	N/A	250	LIM	>299	✓	0.49	N/A	N/A	N/A	N/A
2/L2	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
3/L2	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
4/L2	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Details of circuits and/or installed equipment vulnerable to damage when testing: Date(s) dead testing 11/07/2022 To 11/07/2022 Date(s) live testing 11/07/2022 To 11/07/2022

Tested by: Name (capital letters) LIAM KIMBLE Position Electrical Test Engineer Date 11/07/2022 Signature

Wiring Types. **A** PVC/PVC, **B** PVC cables in metallic Conduit, **C** PVC cables in non-metallic Conduit, **D** PVC cables in metallic trunking, **E** PVC cables in non-metallic trunking, **F** PVC/SWA cables, **G** SWA/XPLE cables, **H** Mineral Insulated, **MW** Metal Work, **FM** Ferrous Metal, **O** Other

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phs Compliance

Company Name	PHS Compliance	**Company Address**	Kid Glove Road	**Postcode**	WA3 3GR	**Branch No.**		**Scheme No.**	
Client	UPP Residential Services Ltd	**Installation Address**	Swansea University Bay Campus - Elinor 14, Reception - Ground Floor Tower Information Centre, Fabian Way, Crymlyn Burrows, Swansea					**Postcode**	SA1 8EN

Distribution board details - Complete in every case

Location: Room 4 Riser 2nd Floor [Schneider]
Designation: DB CL3/7-2
Num. of ways: 4 Num. of phases: 1
Supply polarity confirmed: ☑ Phase sequence confirmed: ☐

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

Supply to distribution board is from: Sub Mains(DB CL3, 7/L2)
Overcurrent protective device for the distribution circuit: BS(EN) 61009 RCD/RCBO Type C Rating 32 A Voltage 230 V

Characteristics at this distribution board

Associated RCD(if any): BS (EN) 61009
Z_d 0.39 Ω No. of poles 2
I_{pf} 0.59 kA IΔn 30
Time delay (if applicable) N/A
Above 30mA (if applicable): Operating at 1 IΔn 28.5 ms
30mA or below: Operating at 5 IΔn 27.6 ms

Test instrument serial number(s)

Loop impedance: 080408/5657
Insulation resistance: 080408/5657
Continuity: 080408/5657
RCD: 080408/5657

CIRCUIT DETAILS / TEST RESULTS

Circuit No. and Line No.	Distribution board Designation / Circuit designation	Type of wiring	Ref. method	No. of points	Circuit conductors csa (mm²) L / N	Circuit conductors csa (mm²) CPC	Maximum disconnection	Overcurrent protective devices BS EN Number	Overcurrent protective devices Type No.	Overcurrent protective devices Rating (A)	Breaking capacity (KA)	RCD operating (mA)	BS 7671 Max. permitted Zs Other 80% (Ω)	Circuit impedance Ω Ring final circuits only (measured end-to-end) r1	rn	r2	Fig 8 check (✓)	All circuits to be completed using R1R2 or R2, not both R1 + R2	R2	Insulation resistance (Record lower reading) Test voltage V	L/L, L/N M(Ω)	L/E, N/E M(Ω)	Polarity (✓)	Max. Measured Zs (Ω)	RCD testing Above 30mA IΔn ms	RCD testing 30mA or below 5 IΔn ms	Manual test button operation RCD (✓)	Manual test button operation AFDD (✓)
1/L2	Room 4 Sockets	A	B	6	2.5	1.5	0.4	60898 MCB	B	10	6	N/A	3.49	N/A	N/A	N/A	N/A	0.12	N/A	250	LIM	>299	✓	0.59	N/A	N/A	N/A	N/A
2/L2	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
3/L2	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
4/L2	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Details of circuits and/or installed equipment vulnerable to damage when testing: Date(s) dead testing 11/07/2022 To 11/07/2022 Date(s) live testing 11/07/2022 To 11/07/2022

Tested by: Name (capital letters) LIAM KIMBLE Position Electrical Test Engineer Date 11/07/2022 Signature

Wiring Types. **A** PVC/PVC, **B** PVC cables in metallic Conduit, **C** PVC cables in non-metallic Conduit, **D** PVC cables in metallic trunking, **E** PVC cables in non-metallic trunking, **F** PVC/SWA cables, **G** SWA/XPLE cables, **H** Mineral Insulated, **MW** Metal Work, **FM** Ferrous Metal, **O** Other

ELECTRICAL INSTALLATION CONDITION REPORT - Schedule of Tests

FT/EICR 110147629

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

phs Compliance

Company Name	PHS Compliance	**Company Address**	Kid Glove Road	**Postcode**	WA3 3GR	**Branch No.**		**Scheme No.**	
Client	UPP Residential Services Ltd	**Installation Address**	Swansea University Bay Campus - Elinor 14, Reception - Ground Floor Tower Information Centre, Fabian Way, Crymlyn Burrows, Swansea					**Postcode**	SA1 8EN

Distribution board details - Complete in every case

Location: Room 10 Riser 6th Floor [Schneider]
Designation: DB CL7/6-1
Num. of ways: 4 Num. of phases: 1
Supply polarity confirmed: ☑ Phase sequence confirmed: ☐

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

Supply to distribution board is from: Sub Mains(DB CL7, 6/L3)
Overcurrent protective device for the distribution circuit: BS(EN) 61009 RCD/RCBO Type C Rating 32 A Voltage 230 V

Characteristics at this distribution board

Associated RCD(if any): BS (EN) 61009
Z_d 0.32 Ω No. of poles 2
I_{pf} 0.72 kA IΔn 30
Time delay (if applicable) N/A
Above 30mA (if applicable): Operating at 1 IΔn 28.6 ms
30mA or below: Operating at 5 IΔn 28.9 ms

Test instrument serial number(s)

Loop impedance 080408/5657
Insulation resistance 080408/5657
Continuity 080408/5657
RCD 080408/5657

CIRCUIT DETAILS / TEST RESULTS

Circuit No. and Line No.	Distribution board Designation / Circuit designation	Type of wiring	Ref. method	No. of points	Circuit conductors csa (mm²) L / N	Circuit conductors csa (mm²) CPC	Maximum disconnection	Overcurrent protective devices BS EN Number	Overcurrent protective devices Type No.	Overcurrent protective devices Rating (A)	Breaking capacity (KA)	RCD operating (mA)	BS 7671 Max. permitted Zs Other 80% (Ω)	Circuit impedance Ω Ring final circuits only (measured end-to-end) r1	r2	rn	Fig 8 check (✓)	All circuits to be completed using R1R2 or R2, not both R1 + R2	R2	Insulation resistance (Record lower reading) Test voltage V	L/L, L/N M(Ω)	L/E, N/E M(Ω)	Polarity (✓)	Max. Measured Zs (Ω)	RCD testing Above 30mA IΔn ms	30mA or below 5 IΔn ms	Manual test button operation RCD (✓)	AFDD (✓)
1/L3	Room 10 Sockets	A	B	6	2.5	1.5	0.4	60898 MCB	B	10	6	N/A	3.49	N/A	N/A	N/A	N/A	0.14	N/A	250	LIM	>299	✓	0.56	N/A	N/A	N/A	N/A
2/L3	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
3/L3	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
4/L3	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Details of circuits and/or installed equipment vulnerable to damage when testing: Date(s) dead testing 11/07/2022 To 11/07/2022 Date(s) live testing 11/07/2022 To 11/07/2022

Tested by: Name (capital letters) LIAM KIMBLE Position Electrical Test Engineer Date 11/07/2022 Signature

Wiring Types. **A** PVC/PVC, **B** PVC cables in metallic Conduit, **C** PVC cables in non-metallic Conduit, **D** PVC cables in metallic trunking, **E** PVC cables in non-metallic trunking, **F** PVC/SWA cables, **G** SWA/XPLE cables, **H** Mineral Insulated, **MW** Metal Work, **FM** Ferrous Metal, **O** Other

ELECTRICAL INSTALLATION CONDITION REPORT - Schedule of Tests

FT/EICR: 110147629

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

phs Compliance

Company Name	PHS Compliance	**Company Address**	Kid Glove Road	**Postcode**	WA3 3GR	**Branch No.**	**Scheme No.**
Client	UPP Residential Services Ltd	**Installation Address**	Swansea University Bay Campus - Elinor 14, Reception - Ground Floor Tower Information Centre, Fabian Way, Crymlyn Burrows, Swansea	**Postcode**	SA1 8EN		

Distribution board details - Complete in every case

Location: Room 6 Riser 7th Floor [Schneider]
Designation: DB CL8/8-1
Num. of ways: 4 Num. of phases: 1
Supply polarity confirmed: ☑ Phase sequence confirmed: ☐

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

Supply to distribution board is from: Sub Mains(DB CL8, 8/L1)
Overcurrent protective device for the distribution circuit: BS(EN) 61009 RCD/RCBO Type C Rating 32 A Voltage 230 V

Characteristics at this distribution board

Associated RCD(if any): BS (EN) 61009
Z_d 0.37 Ω No. of poles 2
I_{pf} 0.66 kA IΔn 30
Time delay (if applicable) N/A
Above 30mA (if applicable): Operating at 1 IΔn 28.5 ms
30mA or below: Operating at 5 IΔn 28.6 ms

Test instrument serial number(s)

Loop impedance: 080408/5657
Insulation resistance: 080408/5657
Continuity: 080408/5657
RCD: 080408/5657

CIRCUIT DETAILS / TEST RESULTS

Circuit No. and Line No.	Distribution board Designation / Circuit designation	Type of wiring	Ref. method	No. of points	Circuit conductors csa (mm²) L / N	Circuit conductors csa (mm²) CPC	Maximum disconnection	Overcurrent protective devices BS EN Number	Overcurrent protective devices Type No.	Overcurrent protective devices Rating (A)	Breaking capacity (KA)	RCD operating (mA)	BS 7671 Max. permitted Zs Other 80% (Ω)	Circuit impedance Ω Ring final circuits only (measured end-to-end) r1	r1	rn	r2	Fig 8 check (✓)	All circuits to be completed using R1R2 or R2, not both R1 + R2	R2	Insulation resistance (Record lower reading) Test voltage V	L/L, L/N M(Ω)	L/E, N/E M(Ω)	Polarity (✓)	Max. Measured Zs (Ω)	RCD testing Above 30mA IΔn ms	RCD testing 30mA or below 5 IΔn ms	Manual test button operation RCD (✓)	AFDD (✓)
1/L1	Room 6 Sockets	A	B	6	2.5	1.5	0.4	60898 MCB	B	10	6	N/A	3.49	N/A	N/A	N/A	N/A	0.29	N/A	250	LIM	>299	✓	0.83	N/A	N/A	N/A	N/A
2/L1	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
3/L1	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
4/L1	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Details of circuits and/or installed equipment vulnerable to damage when testing: Date(s) dead testing 11/07/2022 To 11/07/2022 Date(s) live testing 11/07/2022 To 11/07/2022

Tested by: Name (capital letters) LIAM KIMBLE Position Electrical Test Engineer Date 11/07/2022 Signature

Wiring Types. **A** PVC/PVC, **B** PVC cables in metallic Conduit, **C** PVC cables in non-metallic Conduit, **D** PVC cables in metallic trunking, **E** PVC cables in non-metallic trunking, **F** PVC/SWA cables, **G** SWA/XPLE cables, **H** Mineral Insulated, **MW** Metal Work, **FM** Ferrous Metal, **O** Other

ELECTRICAL INSTALLATION CONDITION REPORT - Schedule of Tests

FT/EICR 110147629

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

phs Compliance

Company Name	PHS Compliance	**Company Address**	Kid Glove Road	**Postcode**	WA3 3GR	**Branch No.**	**Scheme No.**
Client	UPP Residential Services Ltd	**Installation Address**	Swansea University Bay Campus - Elinor 14, Reception - Ground Floor Tower Information Centre, Fabian Way, Crymlyn Burrows, Swansea	**Postcode**	SA1 8EN		

Distribution board details - Complete in every case

Location: Room 3 Riser 5th Floor [Schneider]
Designation: DB CL6/7-1
Num. of ways: 4 Num. of phases: 1
Supply polarity confirmed: ☑ Phase sequence confirmed: ☐

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

Supply to distribution board is from: Sub Mains(DB CL/6, 7/L2)
Overcurrent protective device for the distribution circuit: BS(EN) 61009 RCD/RCBO Type C Rating 32 A Voltage 230 V

Characteristics at this distribution board

Associated RCD(if any): BS (EN) 61009
Z_d 0.45 Ω No. of poles 2
I_{pf} 0.51 kA IΔn 30
Time delay (if applicable) N/A
Above 30mA (if applicable): Operating at 1 IΔn 29.4 ms
30mA or below: Operating at 5 IΔn 31.6 ms

Test instrument serial number(s)

Loop impedance 080408/5657
Insulation resistance 080408/5657
Continuity 080408/5657
RCD 080408/5657

CIRCUIT DETAILS / TEST RESULTS

Circuit No. and Line No.	Distribution board Designation / Circuit designation	Type of wiring	Ref. method	No. of points	Circuit conductors csa (mm²) L / N	Circuit conductors csa (mm²) CPC	Maximum disconnection	Overcurrent protective devices BS EN Number	Overcurrent protective devices Type No.	Overcurrent protective devices Rating (A)	Breaking capacity (KA)	RCD operating (mA)	BS 7671 Max. permitted Zs Other 80% (Ω)	Circuit impedance Ω Ring final circuits only (measured end-to-end) r1	rn	r2	Fig 8 check (✓)	All circuits to be completed using R1R2 or R2, not both R1 + R2	R2	Insulation resistance (Record lower reading) Test voltage V	L/L, L/N M(Ω)	L/E, N/E M(Ω)	Polarity (✓)	Max. Measured Zs (Ω)	RCD testing Above 30mA IΔn ms	RCD testing 30mA or below 5 IΔn ms	Manual test button operation RCD (✓)	Manual test button operation AFDD (✓)
1/L2	Room 3 Sockets	A	B	6	2.5	1.5	0.4	60898 MCB	B	10	6	N/A	3.49	N/A	N/A	N/A	N/A	0.16	N/A	250	LIM	>299	✓	0.62	N/A	N/A	N/A	N/A
2/L2	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
3/L2	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
4/L2	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

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

Date(s) dead testing: 11/07/2022 To 11/07/2022
Date(s) live testing: 11/07/2022 To 11/07/2022

Tested by: Name (capital letters): LIAM KIMBLE Position: Electrical Test Engineer Date: 11/07/2022
Signature:

Wiring Types. **A** PVC/PVC, **B** PVC cables in metallic Conduit, **C** PVC cables in non-metallic Conduit, **D** PVC cables in metallic trunking, **E** PVC cables in non-metallic trunking, **F** PVC/SWA cables, **G** SWA/XPLE cables, **H** Mineral Insulated, **MW** Metal Work, **FM** Ferrous Metal, **O** Other

ELECTRICAL INSTALLATION CONDITION REPORT - Schedule of Tests

FT/EICR 110147629

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

phs Compliance

Company Name	PHS Compliance	**Company Address**	Kid Glove Road	**Postcode**	WA3 3GR	**Branch No.**		**Scheme No.**	
Client	UPP Residential Services Ltd	**Installation Address**	Swansea University Bay Campus - Elinor 14, Reception - Ground Floor Tower Information Centre, Fabian Way, Crymlyn Burrows, Swansea	**Postcode**	SA1 8EN				

Distribution board details - Complete in every case

Location: Riser Flat 1 Room
Designation: DB/CL1.8.1
Num. of ways: 4 Num. of phases: 1
Supply polarity confirmed ☐ Phase sequence confirmed ☐

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

Supply to distribution board is from: Sub Mains(DB CL1, 8/L1)
Overcurrent protective device for the distribution circuit: BS(EN) 61009 RCD/RCBO Type C Rating 32 A Voltage 400/230 V

Characteristics at this distribution board

Associated RCD(if any): BS (EN) N/A
Z_d 0.38 Ω No. of poles N/A
I_{pf} 0.58 kA IΔn 30
Time delay (if applicable) NA
Above 30mA Operating at 1 IΔn 33.7 ms
30mA or below Operating at 5 IΔn 28.7 ms
(if applicable)

Test instrument serial number(s)

Loop impedance 080408/5756
Insulation resistance 080408/5756
Continuity 080408/5756
RCD 080408/5756

CIRCUIT DETAILS / TEST RESULTS

Circuit No. and Line No.	Distribution board Designation / Circuit designation	Type of wiring	Ref. method	No. of points	Circuit conductors csa (mm²) L / N	Circuit conductors csa (mm²) CPC	Maximum disconnection	Overcurrent protective devices BS EN Number	Overcurrent protective devices Type No.	Overcurrent protective devices Rating (A)	Breaking capacity (KA)	RCD operating (mA)	BS 7671 Max. permitted Zs Other 80% (Ω)	Circuit impedance Ω Ring final circuits only (measured end-to-end) r1	rn	r2	Fig 8 check (✓)	All circuits to be completed using R1R2 or R2, not both R1 + R2	R2	Insulation resistance (Record lower reading) Test voltage V	L/L, L/N M(Ω)	L/E, N/E M(Ω)	Polarity (✓)	Max. Measured Zs (Ω)	RCD testing Above 30mA IΔn ms	RCD testing 30mA or below 5 IΔn ms	Manual test button operation RCD (✓)	Manual test button operation AFDD (✓)
1/L1	Room 1 Sockets	A	B	3	2.5	1.5	0.4	60898 MCB	B	10	6	N/A	3.49	N/A	N/A	N/A	N/A	0.20	N/A	250	LIM	>299	✓	0.66	N/A	N/A	N/A	N/A
2/L1	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
3/L1	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
4/L1	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

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

Date(s) dead testing 11/07/2022 To 11/07/2022

Date(s) live testing 11/07/2022 To 11/07/2022

Tested by: Name (capital letters) LIAM KIMBLE Position Electrical Test Engineer Date 11/07/2022

Signature

Wiring Types. **A** PVC/PVC, **B** PVC cables in metallic Conduit, **C** PVC cables in non-metallic Conduit, **D** PVC cables in metallic trunking, **E** PVC cables in non-metallic trunking, **F** PVC/SWA cables, **G** SWA/XPLE cables, **H** Mineral Insulated, **MW** Metal Work, **FM** Ferrous Metal, **O** Other

ELECTRICAL INSTALLATION CONDITION REPORT - Schedule of Tests

FT/EICR 110147629

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

phs Compliance

Company Name	PHS Compliance	**Company Address**	Kid Glove Road	**Postcode**	WA3 3GR	**Branch No.**	**Scheme No.**
Client	UPP Residential Services Ltd	**Installation Address**	Swansea University Bay Campus - Elinor 14, Reception - Ground Floor Tower Information Centre, Fabian Way, Crymlyn Burrows, Swansea	**Postcode**	SA1 8EN		

Distribution board details - Complete in every case

Location: Ground Floor Plant Room (Schneider)
Designation: DB/LL1/L
Num. of ways: 8 Num. of phases: 3
Supply polarity confirmed ☑ Phase sequence confirmed ☑

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

Supply to distribution board is from: Sub Mains(Busbar, 3/TP)
Overcurrent protective device for the distribution circuit: BS(EN) 88-2 HRC Type gG Rating 63 A Voltage 400 V

Characteristics at this distribution board

Associated RCD(if any): BS (EN) N/A
Z_d 0.12 Ω No. of poles N/A
I_{pf} 2.78 kA IΔn N/A
Time delay (if applicable) NA
Above 30mA (if applicable): Operating at 1 IΔn N/A ms; 30mA or below: Operating at 5 IΔn N/A ms

Test instrument serial number(s)

Loop impedance 080408/5756
Insulation resistance 080408/5756
Continuity 080408/5756
RCD 080408/5756

CIRCUIT DETAILS / TEST RESULTS

Circuit No. and Line No.	Circuit designation	Type of wiring	Ref. method	No. of points	Circuit conductors csa (mm²) L / N	Circuit conductors csa (mm²) CPC	Maximum disconnection	Overcurrent protective devices BS EN Number	Overcurrent protective devices Type No.	Overcurrent protective devices Rating (A)	Breaking capacity (KA)	RCD operating (mA)	BS 7671 Max. permitted Zs Other 80% (Ω)	Circuit impedance Ω Ring final circuits only (measured end-to-end) r1	rn	r2	Fig 8 check (✓)	All circuits to be completed using R1R2 or R2, not both R1 + R2	R2	Insulation resistance (Record lower reading) Test voltage V	L/L, L/N M(Ω)	L/E, N/E M(Ω)	Polarity (✓)	Max. Measured Zs (Ω)	RCD testing Above 30mA IΔn ms	RCD testing 30mA or below 5 IΔn ms	Manual test button operation RCD (✓)	Manual test button operation AFDD (✓)
1/L1	Lighting Switch Room	A	E	3	1.5	1	0.4	61009 RCD/	C	10	10	30	1.75	N/A	N/A	N/A	N/A	0.34	N/A	250	LIM	>299	✓	0.61	28.4	28.2	✓	N/A
1/L2	Lighting GF Corridor	A	E	10	1.5	1	0.4	61009 RCD/	C	10	10	30	1.75	N/A	N/A	N/A	N/A	0.29	N/A	250	LIM	>299	✓	0.63	18.6	18.0	✓	N/A
1/L3	Lighting 1F Corridor	A	E	10	1.5	1	0.4	61009 RCD/	C	10	10	30	1.75	N/A	N/A	N/A	N/A	0.31	N/A	250	LIM	>299	✓	0.55	20.2	18.0	✓	N/A
2/L1	Lighting 2F Corridor	A	E	10	1.5	1	0.4	61009 RCD/	C	10	10	30	1.75	N/A	N/A	N/A	N/A	0.33	N/A	250	LIM	>299	✓	0.42	18.6	17.4	✓	N/A
2/L2	Lighting 3F Corridor	A	E	10	1.5	1	0.4	61009 RCD/	C	10	10	30	1.75	N/A	N/A	N/A	N/A	0.29	N/A	250	LIM	>299	✓	0.55	18.5	13.2	✓	N/A
2/L3	Bus Lighting Controller	A	E	1	1.5	1	0.4	61009 RCD/	C	10	10	30	1.75	N/A	N/A	N/A	N/A	0.11	N/A	250	LIM	>299	✓	0.46	28.5	17.4	✓	N/A
3/TP	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
4/TP	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
5/TP	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
6/TP	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
7/TP	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
8/TP	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

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

Date(s) dead testing 11/07/2022 To 11/07/2022

Date(s) live testing 11/07/2022 To 11/07/2022

Tested by: Name (capital letters) LIAM KIMBLE Position Electrical Test Engineer Date 11/07/2022

Signature

Wiring Types. **A** PVC/PVC, **B** PVC cables in metallic Conduit, **C** PVC cables in non-metallic Conduit, **D** PVC cables in metallic trunking, **E** PVC cables in non-metallic trunking, **F** PVC/SWA cables, **G** SWA/XPLE cables, **H** Mineral Insulated, **MW** Metal Work, **FM** Ferrous Metal, **O** Other

ELECTRICAL INSTALLATION CONDITION REPORT - Schedule of Tests

FT/EICR: 110147629

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

phs Compliance

Company Name	PHS Compliance	**Company Address**	Kid Glove Road	**Postcode**	WA3 3GR	**Branch No.**		**Scheme No.**	
Client	UPP Residential Services Ltd	**Installation Address**	Swansea University Bay Campus - Elinor 14, Reception - Ground Floor Tower Information Centre, Fabian Way, Crymlyn Burrows, Swansea	**Postcode**	SA1 8EN				

Distribution board details - Complete in every case

Location: Room 7 Riser 7th Floor [Schneider]
Designation: DB CL8/9
Num. of ways: 4 Num. of phases: 1
Supply polarity confirmed: ☑ Phase sequence confirmed: ☐

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

Supply to distribution board is from: Sub Mains(DB CL8, 9/L1)
Overcurrent protective device for the distribution circuit: BS(EN) 61009 RCD/RCBO Type C Rating 32 A Voltage 230 V

Characteristics at this distribution board

Associated RCD(if any): BS (EN) 61009
Z_d 0.35 Ω No. of poles 2
I_{pf} 0.64 kA IΔn 30
Time delay (if applicable) N/A
Above 30mA (if applicable): Operating at 1 IΔn 28.6 ms
30mA or below: Operating at 5 IΔn 28.5 ms

Test instrument serial number(s)

Loop impedance: 080408/5657
Insulation resistance: 080408/5657
Continuity: 080408/5657
RCD: 080408/5657

CIRCUIT DETAILS / TEST RESULTS

Circuit No. and Line No.	Distribution board Designation / Circuit designation	Type of wiring	Ref. method	No. of points	Circuit conductors csa (mm²) L / N	Circuit conductors csa (mm²) CPC	Maximum disconnection	Overcurrent protective devices BS EN Number	Overcurrent protective devices Type No.	Overcurrent protective devices Rating (A)	Breaking capacity (KA)	RCD operating (mA)	BS 7671 Max. permitted Zs Other 80% (Ω)	Circuit impedance Ω Ring final circuits only (measured end-to-end) r1	r1	rn	r2	Fig 8 check (✓)	All circuits to be completed using R1R2 or R2, not both R1 + R2	R2	Insulation resistance (Record lower reading) Test voltage V	L/L, L/N M(Ω)	L/E, N/E M(Ω)	Polarity (✓)	Max. Measured Zs (Ω)	RCD testing Above 30mA IΔn ms	RCD testing 30mA or below 5 IΔn ms	Manual test button operation RCD (✓)	AFDD (✓)
1/L1	Room 7 Sockets	A	B	6	2.5	1.5	0.4	60898 MCB	B	10	6	N/A	3.49	N/A	N/A	N/A	N/A	0.19	N/A	250	LIM	>299	✓	0.62	N/A	N/A	N/A	N/A
2/L1	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
3/L1	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
4/L1	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

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

Date(s) dead testing: 11/07/2022 To 11/07/2022
Date(s) live testing: 11/07/2022 To 11/07/2022

Tested by: Name (capital letters): LIAM KIMBLE Position: Electrical Test Engineer Date: 11/07/2022
Signature:

Wiring Types. **A** PVC/PVC, **B** PVC cables in metallic Conduit, **C** PVC cables in non-metallic Conduit, **D** PVC cables in metallic trunking, **E** PVC cables in non-metallic trunking, **F** PVC/SWA cables, **G** SWA/XPLE cables, **H** Mineral Insulated, **MW** Metal Work, **FM** Ferrous Metal, **O** Other

ELECTRICAL INSTALLATION CONDITION REPORT - Schedule of Tests

FT/EICR 110147629

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

phs Compliance

Company Name	PHS Compliance	**Company Address**	Kid Glove Road	**Postcode**	WA3 3GR	**Branch No.**	**Scheme No.**
Client	UPP Residential Services Ltd	**Installation Address**	Swansea University Bay Campus - Elinor 14, Reception - Ground Floor Tower Information Centre, Fabian Way, Crymlyn Burrows, Swansea	**Postcode**	SA1 8EN		

Distribution board details - Complete in every case

Location: Ground Floor Corridor Cupboard (Schneider)
Designation: Busbar
Num. of ways: 24 Num. of phases: 3
Supply polarity confirmed ☑ Phase sequence confirmed ☑

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

Supply to distribution board is from: Sub Mains(MSP, 6/TP)
Overcurrent protective device for the distribution circuit: BS(EN) 60947 MCCB Type N/A Rating 250 A Voltage 400 V

Characteristics at this distribution board

Associated RCD(if any): BS (EN) N/A
Z_d 0.14 Ω I_{pf} 2.9 kA
No. of poles N/A
IΔn N/A
Time delay (if applicable) NA
Above 30mA (if applicable) Operating at 1 IΔn NA ms
30mA or below Operating at 5 IΔn NA ms

Test instrument serial number(s)

Loop impedance 080408/5657
Insulation resistance 080408/5657
Continuity 080408/5657
RCD 080408/5657

CIRCUIT DETAILS / TEST RESULTS

Circuit No. and Line No.	Distribution board Designation / Circuit designation	Type of wiring	Ref. method	No. of points	Circuit conductors csa (mm²) L / N	Circuit conductors csa (mm²) CPC	Maximum disconnection	Overcurrent protective devices BS EN Number	Overcurrent protective devices Type No.	Overcurrent protective devices Rating (A)	Breaking capacity (KA)	RCD operating (mA)	BS 7671 Max. permitted Zs Other 80% (Ω)	Circuit impedance Ω Ring final circuits only (measured end-to-end) r1	rn	r2	Fig 8 check (✓)	All circuits to be completed using R1R2 or R2, not both R1 + R2	R2	Insulation resistance (Record lower reading) Test voltage V	L/L, L/N M(Ω)	L/E, N/E M(Ω)	Polarity (✓)	Max. Measured Zs (Ω)	RCD testing Above 30mA IΔn ms	RCD testing 30mA or below 5 IΔn ms	Manual test button operation RCD (✓)	Manual test button operation AFDD (✓)
1/L1	Sub Mains(DB/CL2)	G	E	1	16	16	5	88-2 HRC	gG	63	80	N/A	0.62	N/A	N/A	N/A	N/A	0.04	N/A	250	LIM	>299	✓	0.14	N/A	N/A	N/A	N/A
1/L2	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
1/L3	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
2/TP	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
3/TP	Sub Mains(DB/LL1/P, DB/LL1/L)	A	E	1	16	16	5	88-2 HRC	gG	63	80	N/A	0.62	N/A	N/A	N/A	N/A	0.02	N/A	250	LIM	>299	✓	0.12	N/A	N/A	N/A	N/A
4/TP	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
5/L1	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
5/L2	Sub Mains(DB CL3)	A	E	1	16	16	5	88-2 HRC	gG	63	80	N/A	0.62	N/A	N/A	N/A	N/A	0.01	N/A	250	LIM	>299	✓	0.15	N/A	N/A	N/A	N/A
5/L3	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
6/L1	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
6/L2	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
6/L3	Sub Mains(DB CL4)	A	E	1	16	16	5	88-2 HRC	gG	63	80	N/A	0.62	N/A	N/A	N/A	N/A	0.02	N/A	250	LIM	>299	✓	0.13	N/A	N/A	N/A	N/A
7/TP	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
8/L1	Sub Mains(DB CL5)	A	E	1	16	16	5	88-2 HRC	gG	63	80	N/A	0.62	N/A	N/A	N/A	N/A	0.04	N/A	250	LIM	>299	✓	0.14	N/A	N/A	N/A	N/A
8/L2	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
8/L3	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
9/TP	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

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

Date(s) dead testing 11/07/2022 To 11/07/2022

Date(s) live testing 11/07/2022 To 11/07/2022

Tested by: Name (capital letters) LIAM KIMBLE Position Electrical Test Engineer Date 11/07/2022

Signature

Wiring Types. **A** PVC/PVC, **B** PVC cables in metallic Conduit, **C** PVC cables in non-metallic Conduit, **D** PVC cables in metallic trunking, **E** PVC cables in non-metallic trunking, **F** PVC/SWA cables, **G** SWA/XPLE cables, **H** Mineral Insulated, **MW** Metal Work, **FM** Ferrous Metal, **O** Other

ELECTRICAL INSTALLATION CONDITION REPORT - Schedule of Tests

FT/ EICR 110147629

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

phs Compliance

CIRCUIT DETAILS														TEST RESULTS																		
Circuit No. and Line No.	Distribution board Designation / Busbar / Circuit designation	Type of wiring	Ref. method	No. of points	Circuit conductors csa (mm²) L / N	Circuit conductors csa (mm²) CPC	Maximum disconnection	Overcurrent protective devices BS EN Number	Overcurrent protective devices Type No.	Overcurrent protective devices Rating (A)	Breaking capacity (KA)	RCD operating (mA)	BS 7671 Max. permitted Zs Other 80% (Ω)	Circuit impedance Ω Ring final circuits only (measured end-to-end) r1	r2	rn	Fig 8 check (✓)	All circuits to be completed using R1R2 or R2, not both R1 + R2	R2	Insulation resistance (Record lower reading) Test voltage V	L/L, L/N M(Ω)	L/E, N/E M(Ω)	Polarity (✓)	Max. Measured Zs (Ω)	RCD testing Above 30mA IΔn ms	30mA or below 5 IΔn ms	Manual test button operation RCD (✓)	AFDD (✓)
10/TP	Sub Mains(DB LL2/L, DB LL2/P)	A	E	1	16	16	5	88-2 HRC	gG	63	80	N/A	0.62	N/A	N/A	N/A	N/A	0.08	N/A	250	LIM	>299	✓	0.15	N/A	N/A	N/A	N/A
11/TP	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
12/TP	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
13/L1	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
13/L2	Sub Mains(DB CL/6)	A	E	1	16	16	5	88-2 HRC	gG	63	80	N/A	0.62	N/A	N/A	N/A	N/A	0.04	N/A	250	LIM	>299	✓	0.15	N/A	N/A	N/A	N/A
13/L3	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
14/TP	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
15/TP	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
16/L1	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
16/L2	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
16/L3	Sub Mains(DB CL7)	A	E	1	16	16	5	88-2 HRC	gG	63	80	N/A	0.62	N/A	N/A	N/A	N/A	0.02	N/A	250	LIM	>299	✓	0.13	N/A	N/A	N/A	N/A
17/TP	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
18/TP	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
19/TP	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
20/TP	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
21/TP	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
22/L1	Sub Mains(DB CL8)	A	E	1	16	16	5	88-2 HRC	gG	63	80	N/A	0.62	N/A	N/A	N/A	N/A	0..04	N/A	250	LIM	>299	✓	0.15	N/A	N/A	N/A	N/A
22/L2	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
22/L3	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
23/TP	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
24/TP	Sub Mains(DB PL)	A	E	1	16	16	5	88-2 HRC	gG	63	80	N/A	0.62	N/A	N/A	N/A	N/A	0.03	N/A	250	LIM	>299	✓	0.14	N/A	N/A	N/A	N/A

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

Date(s) dead testing 11/07/2022 To 11/07/2022

Date(s) live testing 11/07/2022 To 11/07/2022

Tested by: Name (capital letters) LIAM KIMBLE Position Electrical Test Engineer Date 11/07/2022

Signature

Wiring Types. **A** PVC/PVC, **B** PVC cables in metallic Conduit, **C** PVC cables in non-metallic Conduit, **D** PVC cables in metallic trunking, **E** PVC cables in non-metallic trunking, **F** PVC/SWA cables, **G** SWA/XPLE cables, **H** Mineral Insulated, **MW** Metal Work, **FM** Ferrous Metal, **O** Other

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BS 7671:2018 (IET Wiring Regulations 18th Edition)

phs Compliance

Company Name	PHS Compliance	**Company Address**	Kid Glove Road	**Postcode**	WA3 3GR	**Branch No.**	**Scheme No.**
Client	UPP Residential Services Ltd	**Installation Address**	Swansea University Bay Campus - Elinor 14, Reception - Ground Floor Tower Information Centre, Fabian Way, Crymlyn Burrows, Swansea	**Postcode**	SA1 8EN		

Distribution board details - Complete in every case

Location: Room 7 Riser 3rd Floor [Schneider]
Designation: DB CL4/9
Num. of ways: 4 Num. of phases: 1
Supply polarity confirmed: ☑ Phase sequence confirmed: ☐

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

Supply to distribution board is from: Sub Mains(DB CL4, 9/L3)
Overcurrent protective device for the distribution circuit: BS(EN) 61009 RCD/RCBO; Type C; Rating 32 A; Voltage 230 V

Characteristics at this distribution board

Associated RCD(if any): BS (EN) 61009
Z_d 0.40 Ω; I_{pf} 0.58 kA
No. of poles 2; IΔn 30
Time delay (if applicable) N/A
Above 30mA (if applicable): Operating at 1 IΔn 28.7 ms
30mA or below: Operating at 5 IΔn 18.6 ms

Test instrument serial number(s)

Loop impedance: 080408/5657
Insulation resistance: 080408/5657
Continuity: 080408/5657
RCD: 080408/5657

CIRCUIT DETAILS / TEST RESULTS

Circuit No. and Line No.	Circuit designation	Type of wiring	Ref. method	No. of points	Circuit conductors csa (mm²) L / N	Circuit conductors csa (mm²) CPC	Maximum disconnection	Overcurrent protective devices BS EN Number	Overcurrent protective devices Type No.	Overcurrent protective devices Rating (A)	Breaking capacity (KA)	RCD operating (mA)	BS 7671 Max. permitted Zs Other 80% (Ω)	Circuit impedance Ω Ring final circuits only (measured end-to-end) r1	r2	rn	Fig 8 check (✓)	All circuits to be completed using R1R2 or R2, not both R1 + R2	R2	Insulation resistance (Record lower reading) Test voltage V	L/L, L/N M(Ω)	L/E, N/E M(Ω)	Polarity (✓)	Max. Measured Zs (Ω)	RCD testing Above 30mA IΔn ms	30mA or below 5 IΔn ms	Manual test button operation RCD (✓)	AFDD (✓)
1/L3	Room 7 Sockets	A	B	6	2.5	1.5	0.4	60898 MCB	B	10	6	N/A	3.49	N/A	N/A	N/A	N/A	0.15	N/A	250	LIM	>299	✓	0.58	N/A	N/A	N/A	N/A
2/L3	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
3/L3	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
4/L3	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Details of circuits and/or installed equipment vulnerable to damage when testing: Date(s) dead testing 11/07/2022 To 11/07/2022; Date(s) live testing 11/07/2022 To 11/07/2022

Tested by: Name (capital letters) LIAM KIMBLE; Position Electrical Test Engineer; Date 11/07/2022; Signature

Wiring Types. **A** PVC/PVC, **B** PVC cables in metallic Conduit, **C** PVC cables in non-metallic Conduit, **D** PVC cables in metallic trunking, **E** PVC cables in non-metallic trunking, **F** PVC/SWA cables, **G** SWA/XPLE cables, **H** Mineral Insulated, **MW** Metal Work, **FM** Ferrous Metal, **O** Other

ELECTRICAL INSTALLATION CONDITION REPORT - Schedule of Tests

FT/EICR: 110147629

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

phs Compliance

Company Name	PHS Compliance	**Company Address**	Kid Glove Road	**Postcode**	WA3 3GR	**Branch No.**		**Scheme No.**	
Client	UPP Residential Services Ltd	**Installation Address**	Swansea University Bay Campus - Elinor 14, Reception - Ground Floor Tower Information Centre, Fabian Way, Crymlyn Burrows, Swansea	**Postcode**	SA1 8EN				

Distribution board details - Complete in every case

Location: Room 10 Riser 5th Floor [Schneider]
Designation: DB CL6/6-1
Num. of ways: 4 Num. of phases: 1
Supply polarity confirmed: ☑ Phase sequence confirmed: ☐

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

Supply to distribution board is from: Sub Mains(DB CL/6, 6/L2)
Overcurrent protective device for the distribution circuit: BS(EN) 61009 RCD/RCBO Type C Rating 32 A Voltage 230 V

Characteristics at this distribution board

Associated RCD(if any): BS (EN) 61009
Z_d 0.34 Ω No. of poles 2
I_{pf} 0.68 kA IΔn 30
Time delay (if applicable) N/A
Above 30mA (if applicable): Operating at 1 IΔn 30.4 ms
30mA or below: Operating at 5 IΔn 18.4 ms

Test instrument serial number(s)

Loop impedance: 080408/5657
Insulation resistance: 080408/5657
Continuity: 080408/5657
RCD: 080408/5657

CIRCUIT DETAILS / TEST RESULTS

Circuit No. and Line No.	Distribution board Designation / Circuit designation	Type of wiring	Ref. method	No. of points	Circuit conductors csa (mm²) L / N	Circuit conductors csa (mm²) CPC	Maximum disconnection	Overcurrent protective devices BS EN Number	Overcurrent protective devices Type No.	Overcurrent protective devices Rating (A)	Breaking capacity (KA)	RCD operating (mA)	BS 7671 Max. permitted Zs Other 80% (Ω)	Circuit impedance Ω Ring final circuits only (measured end-to-end) r1	r1	rn	r2	Fig 8 check (✓)	All circuits to be completed using R1R2 or R2, not both R1 + R2	R2	Insulation resistance (Record lower reading) Test voltage V	L/L, L/N M(Ω)	L/E, N/E M(Ω)	Polarity (✓)	Max. Measured Zs (Ω)	RCD testing Above 30mA IΔn ms	RCD testing 30mA or below 5 IΔn ms	Manual test button operation RCD (✓)	AFDD (✓)
1/L2	Room 10 Sockets	A	B	6	2.5	1.5	0.4	60898 MCB	B	10	6	N/A	3.49	N/A	N/A	N/A	N/A	0.02	N/A	250	LIM	>299	✓	0.40	N/A	N/A	N/A	N/A
2/L2	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
3/L2	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
4/L2	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Details of circuits and/or installed equipment vulnerable to damage when testing: Date(s) dead testing 11/07/2022 To 11/07/2022 Date(s) live testing 11/07/2022 To 11/07/2022

Tested by: Name (capital letters) LIAM KIMBLE Position Electrical Test Engineer Date 11/07/2022 Signature

Wiring Types. **A** PVC/PVC, **B** PVC cables in metallic Conduit, **C** PVC cables in non-metallic Conduit, **D** PVC cables in metallic trunking, **E** PVC cables in non-metallic trunking, **F** PVC/SWA cables, **G** SWA/XPLE cables, **H** Mineral Insulated, **MW** Metal Work, **FM** Ferrous Metal, **O** Other

ELECTRICAL INSTALLATION CONDITION REPORT - Schedule of Tests

FT/EICR: 110147629

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

phs Compliance

Company Name	PHS Compliance	**Company Address**	Kid Glove Road	**Postcode**	WA3 3GR	**Branch No.**	**Scheme No.**
Client	UPP Residential Services Ltd	**Installation Address**	Swansea University Bay Campus - Elinor 14, Reception - Ground Floor Tower Information Centre, Fabian Way, Crymlyn Burrows, Swansea	**Postcode**	SA1 8EN		

Distribution board details - Complete in every case

Location: Room 7 Riser 5th Floor [Schneider]
Designation: DB CL6/9
Num. of ways: 4 Num. of phases: 1
Supply polarity confirmed: ☑ Phase sequence confirmed: ☐

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

Supply to distribution board is from: Sub Mains(DB CL/6, 9/L2)
Overcurrent protective device for the distribution circuit: BS(EN) 61009 RCD/RCBO Type C Rating 32 A Voltage 230 V

Characteristics at this distribution board

Associated RCD(if any): BS (EN) 61009
Z_d 0.40 Ω No. of poles 2
I_{pf} 0.58 kA IΔn 30
Time delay (if applicable) N/A
Above 30mA (if applicable): Operating at 1 IΔn 29.2 ms
30mA or below: Operating at 5 IΔn 18.4 ms

Test instrument serial number(s)

Loop impedance: 080408/5657
Insulation resistance: 080408/5657
Continuity: 080408/5657
RCD: 080408/5657

CIRCUIT DETAILS / TEST RESULTS

Circuit No. and Line No.	Distribution board Designation / Circuit designation	Type of wiring	Ref. method	No. of points	Circuit conductors csa (mm²) L / N	Circuit conductors csa (mm²) CPC	Maximum disconnection	Overcurrent protective devices BS EN Number	Overcurrent protective devices Type No.	Overcurrent protective devices Rating (A)	Breaking capacity (KA)	RCD operating (mA)	BS 7671 Max. permitted Zs Other 80% (Ω)	Circuit impedance Ω Ring final circuits only (measured end-to-end) r1	r1	rn	r2	Fig 8 check (✓)	All circuits to be completed using R1R2 or R2, not both R1 + R2	R2	Insulation resistance (Record lower reading) Test voltage V	L/L, L/N M(Ω)	L/E, N/E M(Ω)	Polarity (✓)	Max. Measured Zs (Ω)	RCD testing Above 30mA IΔn ms	RCD testing 30mA or below 5 IΔn ms	Manual test button operation RCD (✓)	AFDD (✓)
1/L2	Room 7 Sockets	A	B	6	2.5	1.5	0.4	60898 MCB	B	10	6	N/A	3.49	N/A	N/A	N/A	N/A	0.13	N/A	250	LIM	>299	✓	0.62	N/A	N/A	N/A	N/A
2/L2	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
3/L2	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
4/L2	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

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

Date(s) dead testing: 11/07/2022 To 11/07/2022
Date(s) live testing: 11/07/2022 To 11/07/2022

Tested by: Name (capital letters): LIAM KIMBLE Position: Electrical Test Engineer Date: 11/07/2022
Signature:

Wiring Types. **A** PVC/PVC, **B** PVC cables in metallic Conduit, **C** PVC cables in non-metallic Conduit, **D** PVC cables in metallic trunking, **E** PVC cables in non-metallic trunking, **F** PVC/SWA cables, **G** SWA/XPLE cables, **H** Mineral Insulated, **MW** Metal Work, **FM** Ferrous Metal, **O** Other

ELECTRICAL INSTALLATION CONDITION REPORT - Schedule of Tests

FT/EICR 110147629

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

phs Compliance

Company Name	PHS Compliance	**Company Address**	Kid Glove Road	**Postcode**	WA3 3GR	**Branch No.**		**Scheme No.**	
Client	UPP Residential Services Ltd	**Installation Address**	Swansea University Bay Campus - Elinor 14, Reception - Ground Floor Tower Information Centre, Fabian Way, Crymlyn Burrows, Swansea					**Postcode**	SA1 8EN

Distribution board details - Complete in every case

Location: Plant Room [Schneider]
Designation: DB Mech Panel
Num. of ways: 6 Num. of phases: 3
Supply polarity confirmed ☑ Phase sequence confirmed ☑

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

Supply to distribution board is from: Sub Mains(DB PL, 1/TP)
Overcurrent protective device for the distribution circuit: BS(EN) 60898 MCB Type C Rating 32 A Voltage 400/230 V

Characteristics at this distribution board

Associated RCD(if any): BS (EN) N/A
Z_d 0.16 Ω No. of poles N/A
I_{pf} 2.5 kA IΔn N/A
Time delay (if applicable) N/A
Above 30mA (if applicable) Operating at 1 IΔn N/A ms
30mA or below Operating at 5 IΔn N/A ms

Test instrument serial number(s)

Loop impedance 080408/5756
Insulation resistance 080408/5756
Continuity 080408/5756
RCD 080408/5756

CIRCUIT DETAILS / TEST RESULTS

Circuit No. and Line No.	Distribution board Designation / Circuit designation	Type of wiring	Ref. method	No. of points	Circuit conductors csa (mm²) L/N	Circuit conductors csa (mm²) CPC	Maximum disconnection	Overcurrent protective devices BS EN Number	Type No.	Rating (A)	Breaking capacity (KA)	RCD operating (mA)	BS 7671 Max. permitted Zs Other 80% (Ω)	Circuit impedance Ω Ring final circuits only (measured end-to-end) r1	rn	r2	Fig 8 check (✓)	All circuits to be completed using R1R2 or R2, not both R1 + R2	R2	Insulation resistance (Record lower reading) Test voltage V	L/L, L/N M(Ω)	L/E, N/E M(Ω)	Polarity (✓)	Max. Measured Zs (Ω)	RCD testing Above 30mA IΔn ms	RCD testing 30mA or below 5 IΔn ms	Manual test button operation RCD (✓)	Manual test button operation AFDD (✓)
1/L1	Press Unit	O	B	1	1.5	1.5	0.4	60898 MCB	D	6	10	N/A	1.45	N/A	N/A	N/A	N/A	0.16	N/A	250	LIM	>299	✓	0.33	N/A	N/A	N/A	N/A
1/L2	Boiler 1	O	B	1	1.5	1.5	0.4	60898 MCB	C	4	10	N/A	4.37	N/A	N/A	N/A	N/A	0.13	N/A	250	LIM	>299	✓	0.34	N/A	N/A	N/A	N/A
1/L3	Boiler 2	O	B	1	1.5	1.5	0.4	60898 MCB	C	4	10	N/A	4.37	N/A	N/A	N/A	N/A	0.20	N/A	250	LIM	>299	✓	0.42	N/A	N/A	N/A	N/A
2/L1	VT Pump	O	B	1	1.5	1.5	0.4	60898 MCB	D	4	10	N/A	2.18	N/A	N/A	N/A	N/A	0.17	N/A	250	LIM	>299	✓	0.38	N/A	N/A	N/A	N/A
2/L2	Heater 1	O	B	1	1.5	1.5	0.4	60898 MCB	C	10	10	N/A	1.75	N/A	N/A	N/A	N/A	0.14	N/A	250	LIM	>299	✓	0.31	N/A	N/A	N/A	N/A
2/L3	Heater 2	O	B	1	1.5	1.5	0.4	60898 MCB	C	10	10	N/A	1.75	N/A	N/A	N/A	N/A	0.22	N/A	250	LIM	>299	✓	0.46	N/A	N/A	N/A	N/A
3/L1	VT Pump 2	O	B	1	1.5	1.5	0.4	60898 MCB	D	4	10	N/A	2.18	N/A	N/A	N/A	N/A	0.27	N/A	250	LIM	>299	✓	0.43	N/A	N/A	N/A	N/A
3/L2	Sec Pump	O	B	1	1.5	1.5	0.4	60898 MCB	D	2	10	N/A	4.37	N/A	N/A	N/A	N/A	0.22	N/A	250	LIM	>299	✓	0.39	N/A	N/A	N/A	N/A
3/L3	Control Panel	D	B	1	16	16	0.4	60898 MCB	C	50	10	N/A	0.35	N/A	N/A	N/A	N/A	0.12	N/A	250	LIM	>299	✓	0.32	N/A	N/A	N/A	N/A
4/TP	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
5/TP	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
6/TP	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

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

Date(s) dead testing 12/07/2022 To 12/07/2022

Date(s) live testing 12/07/2022 To 12/07/2022

Tested by: Name (capital letters) LIAM KIMBLE Position Electrical Test Engineer Date 12/07/2022

Signature

Wiring Types. **A** PVC/PVC, **B** PVC cables in metallic Conduit, **C** PVC cables in non-metallic Conduit, **D** PVC cables in metallic trunking, **E** PVC cables in non-metallic trunking, **F** PVC/SWA cables, **G** SWA/XPLE cables, **H** Mineral Insulated, **MW** Metal Work, **FM** Ferrous Metal, **O** Other

ELECTRICAL INSTALLATION CONDITION REPORT - Schedule of Tests

FT/EICR 110147629

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

phs Compliance

Company Name	PHS Compliance	**Company Address**	Kid Glove Road	**Postcode**	WA3 3GR	**Branch No.**	**Scheme No.**
Client	UPP Residential Services Ltd	**Installation Address**	Swansea University Bay Campus - Elinor 14, Reception - Ground Floor Tower Information Centre, Fabian Way, Crymlyn Burrows, Swansea	**Postcode**	SA1 8EN		

Distribution board details - Complete in every case

Location: 4th Floor Kitchen (Schneider)
Designation: DB CL7
Num. of ways: 18 Num. of phases: 1
Supply polarity confirmed: ☑ Phase sequence confirmed: ☐

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

Supply to distribution board is from: Sub Mains(Busbar, 16/L3)
Overcurrent protective device for the distribution circuit: BS(EN) 88-2 HRC Type gG Rating 63 A Voltage 230 V

Characteristics at this distribution board

Associated RCD(if any): BS (EN) N/A
Z_d 0.13 Ω No. of poles NA
I_{pf} 1.83 kA IΔn N/A
Time delay (if applicable) NA
Above 30mA (if applicable) Operating at 1 IΔn N/A ms
30mA or below Operating at 5 IΔn N/A ms

Test instrument serial number(s)

Loop impedance 080408/5756
Insulation resistance 080408/5756
Continuity 080408/5756
RCD 080408/5756

CIRCUIT DETAILS / TEST RESULTS

Circuit No. and Line No.	Circuit designation (Distribution board Designation: DB CL7)	Type of wiring	Ref. method	No. of points	Circuit conductors csa (mm²) L / N	Circuit conductors csa (mm²) CPC	Maximum disconnection	Overcurrent protective devices BS EN Number	Overcurrent protective devices Type No.	Overcurrent protective devices Rating (A)	Breaking capacity (KA)	RCD operating (mA)	BS 7671 Max. permitted Zs Other 80% (Ω)	Circuit impedance Ω Ring final circuits only (measured end-to-end) r1	rn	r2	Fig 8 check (✓)	All circuits to be completed using R1R2 or R2, not both R1 + R2	R2	Insulation resistance (Record lower reading) Test voltage V	L/L, L/N M(Ω)	L/E, N/E M(Ω)	Polarity (✓)	Max. Measured Zs (Ω)	RCD testing Above 30mA IΔn ms	RCD testing 30mA or below 5 IΔn ms	Manual test button operation RCD (✓)	Manual test button operation AFDD (✓)
1/L3	Common Room Lights	A	B	1	1.5	1	0.4	61009 RCD/	C	10	10	30	1.75	N/A	N/A	N/A	N/A	0.51	N/A	250	LIM	>299	✓	0.68	28.6	28.7	✓	N/A
2/L3	Bedroom Lights 2,3,4	A	B	9	1.5	1	0.4	61009 RCD/	C	10	10	30	1.75	N/A	N/A	N/A	N/A	0.42	N/A	250	LIM	>299	✓	0.52	28.8	28.7	✓	N/A
3/L3	Bedroom Lights 5,6,7	A	B	6	1.5	1	0.4	61009 RCD/	C	10	10	30	1.75	N/A	N/A	N/A	N/A	0.38	N/A	250	LIM	>299	✓	0.60	28.4	28.5	✓	N/A
4/L3	Bedroom Lights 1,8	A	B	9	1.5	1	0.4	61009 RCD/	C	10	10	30	1.75	N/A	N/A	N/A	N/A	0.37	N/A	250	LIM	>299	✓	0.47	28.5	28.1	✓	N/A
5/L3	Bedroom Lights	A	B	6	1.5	1	0.4	61009 RCD/	C	10	10	30	1.75	N/A	N/A	N/A	N/A	0.34	N/A	250	LIM	>299	✓	0.55	28.4	28.7	✓	N/A
6/L3	Sub Mains(DB CL7/6-1, DB CL7/6)	A	B	6	2x2.5	2x1.5	5	61009 RCD/RCBO	C	32	10	30	0.54	0.27	0.27	0.38	✓	0.16	N/A	250	LIM	>299	✓	0.32	28.6	28.9	✓	N/A
7/L3	Sub Mains(DB CL7/7-2, DB CL7/7, DB CL7/7-1)	A	B	9	2x2.5	2x1.5	5	61009 RCD/RCBO	C	32	10	30	0.54	0.31	0.31	0.44	✓	0.26	N/A	250	LIM	>299	✓	0.38	28.4	28.7	✓	N/A
8/L3	Sub Mains(DB CL7/8-1, DB CL7/8)	A	B	6	2x2.5	2x1.5	5	61009 RCD/RCBO	C	32	10	30	0.54	0.36	0.36	0.51	✓	0.22	N/A	250	LIM	>299	✓	0.38	28.0	28.6	✓	N/A
9/L3	Sub Mains(DB CL7/9-2, DB CL7/9, DB CL7/9-1)	A	B	9	2x2.5	2x1.5	5	61009 RCD/RCBO	C	32	10	30	0.54	0.36	0.36	0.52	✓	0.22	N/A	250	LIM	>299	✓	0.41	28.6	28.7	✓	N/A
10/L3	SPARE													N/A	N/A	N/A	N/A						N/A				N/A	N/A
11/L3	Kitchen Ring Main 1	A	B	5	2x2.5	2x1.5	0.4	61009 RCD/	C	32	10	30	0.54	0.34	0.34	0.46	✓	0.20	N/A	250	LIM	>299	✓	0.24	28.6	28.7	✓	N/A
12/L3	Kitchen Ring Main 2	A	B	1	2x2.5	2x1.5	0.4	61009 RCD/	C	32	10	30	0.54	0.30	0.30	0.42	✓	0.18	N/A	250	LIM	>299	✓	0.29	2.84	28.5	✓	N/A
13/L3	Hob 1	A	B	1	6	2.5	0.4	61009 RCD/	C	32	10	30	0.54	N/A	N/A	N/A	N/A	0.21	N/A	250	LIM	>299	✓	0.32	28.6	28.0	✓	N/A
14/L3	Hob 2	A	E	1	6	2.5	0.4	61009 RCD/	C	32	10	30	0.54	N/A	N/A	N/A	N/A	0.19	N/A	250	LIM	>299	✓	0.28	28.7	28.8	✓	N/A
15/L3	SPARE													N/A	N/A	N/A	N/A						N/A				N/A	N/A
16/L3	SPARE													N/A	N/A	N/A	N/A						N/A				N/A	N/A

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

Date(s) dead testing: 11/07/2022 To 11/07/2022

Date(s) live testing: 11/07/2022 To 11/07/2022

Tested by: Name (capital letters): LIAM KIMBLE Position: Electrical Test Engineer Date: 11/07/2022

Signature

Wiring Types. **A** PVC/PVC, **B** PVC cables in metallic Conduit, **C** PVC cables in non-metallic Conduit, **D** PVC cables in metallic trunking, **E** PVC cables in non-metallic trunking, **F** PVC/SWA cables, **G** SWA/XPLE cables, **H** Mineral Insulated, **MW** Metal Work, **FM** Ferrous Metal, **O** Other

ELECTRICAL INSTALLATION CONDITION REPORT - Schedule of Tests

FT/ EICR 110147629

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

phs Compliance

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

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

Date(s) dead testing 11/07/2022 To 11/07/2022

Date(s) live testing 11/07/2022 To 11/07/2022

Tested by: Name (capital letters) LIAM KIMBLE

Position Electrical Test Engineer

Date 11/07/2022

Signature

Wiring Types. **A** PVC/PVC, **B** PVC cables in metallic Conduit, **C** PVC cables in non-metallic Conduit, **D** PVC cables in metallic trunking, **E** PVC cables in non-metallic trunking, **F** PVC/SWA cables, **G** SWA/XPLE cables, **H** Mineral Insulated, **MW** Metal Work, **FM** Ferrous Metal, **O** Other

4th Floor, Mill 3, Pleasley Vale Business Park, Mansfield, Nottinghamshire NG19 8RL

ELECTRICAL INSTALLATION CONDITION REPORT - Schedule of Tests

FT/EICR 110147629

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

phs Compliance

Company Name	PHS Compliance	**Company Address**	Kid Glove Road	**Postcode**	WA3 3GR	**Branch No.**		**Scheme No.**	
Client	UPP Residential Services Ltd	**Installation Address**	Swansea University Bay Campus - Elinor 14, Reception - Ground Floor Tower Information Centre, Fabian Way, Crymlyn Burrows, Swansea	**Postcode**	SA1 8EN				

Distribution board details - Complete in every case

Location: Room 1 Riser 4TH Floor [Schneider]
Designation: DB CL5/6
Num. of ways: 4 Num. of phases: 1
Supply polarity confirmed: ☑ Phase sequence confirmed: ☐

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

Supply to distribution board is from: Sub Mains(DB CL5, 6/L1)
Overcurrent protective device for the distribution circuit: BS(EN) 61009 RCD/RCBO Type C Rating 32 A Voltage 230 V

Characteristics at this distribution board

Associated RCD(if any): BS (EN) 61009
Z_d 0.34 Ω No. of poles 2
I_{pf} 0.68 kA IΔn 30
Time delay (if applicable) N/A
Above 30mA (if applicable): Operating at 1 IΔn 27.5 ms
30mA or below: Operating at 5 IΔn 24.5 ms

Test instrument serial number(s)

Loop impedance 080408/5657
Insulation resistance 080408/5657
Continuity 080408/5657
RCD 080408/5657

CIRCUIT DETAILS / TEST RESULTS

Circuit No. and Line No.	Circuit designation	Type of wiring	Ref. method	No. of points	Circuit conductors csa (mm²) L / N	Circuit conductors csa (mm²) CPC	Maximum disconnection	Overcurrent protective devices BS EN Number	Overcurrent protective devices Type No.	Overcurrent protective devices Rating (A)	Breaking capacity (KA)	RCD operating (mA)	BS 7671 Max. permitted Zs Other 80% (Ω)	Circuit impedance Ω Ring final circuits only (measured end-to-end) r1	r1 + rn	r2	Fig 8 check (✓)	All circuits to be completed using R1R2 or R2, not both R1 + R2	R2	Insulation resistance (Record lower reading) Test voltage V	L/L, L/N M(Ω)	L/E, N/E M(Ω)	Polarity (✓)	Max. Measured Zs (Ω)	RCD testing Above 30mA IΔn ms	RCD testing 30mA or below 5 IΔn ms	Manual test button operation RCD (✓)	AFDD (✓)
1/L2	Room 1 Sockets	A	B	6	2.5	1.5	0.4	60898 MCB	B	10	6	N/A	3.49	N/A	N/A	N/A	N/A	0.10	N/A	250	LIM	>299	✓	0.44	N/A	N/A	N/A	N/A
2/L2	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
3/L2	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
4/L2	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Details of circuits and/or installed equipment vulnerable to damage when testing: Date(s) dead testing 11/07/2022 To 11/07/2022 Date(s) live testing 11/07/2022 To 11/07/2022

Tested by: Name (capital letters) LIAM KIMBLE Position Electrical Test Engineer Date 11/07/2022 Signature

Wiring Types. **A** PVC/PVC, **B** PVC cables in metallic Conduit, **C** PVC cables in non-metallic Conduit, **D** PVC cables in metallic trunking, **E** PVC cables in non-metallic trunking, **F** PVC/SWA cables, **G** SWA/XPLE cables, **H** Mineral Insulated, **MW** Metal Work, **FM** Ferrous Metal, **O** Other

ELECTRICAL INSTALLATION CONDITION REPORT - Schedule of Tests

FT/EICR 110147629

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

phs Compliance

Company Name	PHS Compliance	**Company Address**	Kid Glove Road	**Postcode**	WA3 3GR	**Branch No.**		**Scheme No.**	
Client	UPP Residential Services Ltd	**Installation Address**	Swansea University Bay Campus - Elinor 14, Reception - Ground Floor Tower Information Centre, Fabian Way, Crymlyn Burrows, Swansea					**Postcode**	SA1 8EN

Distribution board details - Complete in every case

Location: Room 3 Riser 3rd Floor [Schneider]
Designation: DB CL4/7-1
Num. of ways: 4 Num. of phases: 1
Supply polarity confirmed: ☑ Phase sequence confirmed: ☐

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

Supply to distribution board is from: Sub Mains(DB CL4, 7/L3)
Overcurrent protective device for the distribution circuit: BS(EN) 61009 RCD/RCBO Type C Rating 32 A Voltage 230 V

Characteristics at this distribution board

Associated RCD(if any): BS (EN) 61009
Z_d 0.37 Ω No. of poles 2
I_{pf} 0.51 kA IΔn 30
Time delay (if applicable) N/A
Above 30mA (if applicable): Operating at 1 IΔn 28.6 ms
30mA or below: Operating at 5 IΔn 22.4 ms

Test instrument serial number(s)

Loop impedance 080408/5657
Insulation resistance 080408/5657
Continuity 080408/5657
RCD 080408/5657

CIRCUIT DETAILS / TEST RESULTS

Circuit No. and Line No.	Distribution board Designation / Circuit designation	Type of wiring	Ref. method	No. of points	Circuit conductors csa (mm²) L / N	Circuit conductors csa (mm²) CPC	Maximum disconnection	Overcurrent protective devices BS EN Number	Overcurrent protective devices Type No.	Overcurrent protective devices Rating (A)	Breaking capacity (KA)	RCD operating (mA)	BS 7671 Max. permitted Zs Other 80% (Ω)	Circuit impedance Ω Ring final circuits only (measured end-to-end) r1	r2	rn	Fig 8 check (✓)	All circuits to be completed using R1R2 or R2, not both R1 + R2	R2	Insulation resistance (Record lower reading) Test voltage V	L/L, L/N M(Ω)	L/E, N/E M(Ω)	Polarity (✓)	Max. Measured Zs (Ω)	RCD testing Above 30mA IΔn ms	30mA or below 5 IΔn ms	Manual test button operation RCD (✓)	AFDD (✓)
1/L3	Room 3 Sockets	A	B	6	2.5	1.5	0.4	60898 MCB	B	10	6	N/A	3.49	N/A	N/A	N/A	N/A	0.10	N/A	250	LIM	>299	✓	0.37	N/A	N/A	N/A	N/A
2/L3	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
3/L3	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
4/L3	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

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

Date(s) dead testing 11/07/2022 To 11/07/2022

Date(s) live testing 11/07/2022 To 11/07/2022

Tested by: Name (capital letters) LIAM KIMBLE Position Electrical Test Engineer Date 11/07/2022

Signature

Wiring Types. **A** PVC/PVC, **B** PVC cables in metallic Conduit, **C** PVC cables in non-metallic Conduit, **D** PVC cables in metallic trunking, **E** PVC cables in non-metallic trunking, **F** PVC/SWA cables, **G** SWA/XPLE cables, **H** Mineral Insulated, **MW** Metal Work, **FM** Ferrous Metal, **O** Other

ELECTRICAL INSTALLATION CONDITION REPORT - Schedule of Tests

FT/EICR: 110147629

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

phs Compliance

Company Name	PHS Compliance	**Company Address**	Kid Glove Road	**Postcode**	WA3 3GR	**Branch No.**	**Scheme No.**
Client	UPP Residential Services Ltd	**Installation Address**	Swansea University Bay Campus - Elinor 14, Reception - Ground Floor Tower Information Centre, Fabian Way, Crymlyn Burrows, Swansea	**Postcode**	SA1 8EN		

Distribution board details - Complete in every case

Location: Room 7 Riser 2nd Floor [Schneider]
Designation: DB CL3/9
Num. of ways: 4 Num. of phases: 1
Supply polarity confirmed: ☑ Phase sequence confirmed: ☐

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

Supply to distribution board is from: Sub Mains(DB CL3, 9/L2)
Overcurrent protective device for the distribution circuit: BS(EN) 61009 RCD/RCBO Type C Rating 32 A Voltage 230 V

Characteristics at this distribution board

Associated RCD(if any): BS (EN) 61009
Z_d 0.44 Ω No. of poles 2
I_{pf} 0.52 kA IΔn 30
Time delay (if applicable) N/A
Above 30mA (if applicable): Operating at 1 IΔn 38.5 ms
30mA or below: Operating at 5 IΔn 21.0 ms

Test instrument serial number(s)

Loop impedance: 080408/5657
Insulation resistance: 080408/5657
Continuity: 080408/5657
RCD: 080408/5657

CIRCUIT DETAILS / TEST RESULTS

Circuit No. and Line No.	Distribution board Designation / Circuit designation	Type of wiring	Ref. method	No. of points	Circuit conductors csa (mm²) L / N	Circuit conductors csa (mm²) CPC	Maximum disconnection	Overcurrent protective devices BS EN Number	Overcurrent protective devices Type No.	Overcurrent protective devices Rating (A)	Breaking capacity (KA)	RCD operating (mA)	BS 7671 Max. permitted Zs Other 80% (Ω)	Circuit impedance Ω Ring final circuits only (measured end-to-end) r1	r1	rn	r2	Fig 8 check (✓)	All circuits to be completed using R1R2 or R2, not both R1 + R2	R2	Insulation resistance (Record lower reading) Test voltage V	L/L, L/N M(Ω)	L/E, N/E M(Ω)	Polarity (✓)	Max. Measured Zs (Ω)	RCD testing Above 30mA IΔn ms	RCD testing 30mA or below 5 IΔn ms	Manual test button operation RCD (✓)	AFDD (✓)
1/L2	Room 7 Sockets	A	B	6	2.5	1.5	0.4	60898 MCB	B	10	6	N/A	3.49	N/A	N/A	N/A	N/A	0.06	N/A	250	LIM	>299	✓	0.53	N/A	N/A	N/A	N/A
2/L2	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
3/L2	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
4/L2	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

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

Date(s) dead testing: 11/07/2022 To 11/07/2022
Date(s) live testing: 11/07/2022 To 11/07/2022

Tested by: Name (capital letters): LIAM KIMBLE Position: Electrical Test Engineer Date: 11/07/2022
Signature:

Wiring Types. **A** PVC/PVC, **B** PVC cables in metallic Conduit, **C** PVC cables in non-metallic Conduit, **D** PVC cables in metallic trunking, **E** PVC cables in non-metallic trunking, **F** PVC/SWA cables, **G** SWA/XPLE cables, **H** Mineral Insulated, **MW** Metal Work, **FM** Ferrous Metal, **O** Other

ELECTRICAL INSTALLATION CONDITION REPORT - Schedule of Tests

FT/EICR 110147629

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

phs Compliance

Company Name	PHS Compliance	**Company Address**	Kid Glove Road	**Postcode**	WA3 3GR	**Branch No.**	**Scheme No.**
Client	UPP Residential Services Ltd	**Installation Address**	Swansea University Bay Campus - Elinor 14, Reception - Ground Floor Tower Information Centre, Fabian Way, Crymlyn Burrows, Swansea	**Postcode**	SA1 8EN		

Distribution board details - Complete in every case

Location: Plant Room [Schneider]
Designation: DB LL2/P
Num. of ways: 8 Num. of phases: 3
Supply polarity confirmed ☑ Phase sequence confirmed ☑

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

Supply to distribution board is from: Sub Mains(Busbar, 10/TP)
Overcurrent protective device for the distribution circuit: BS(EN) 88-2 HRC; Type gG; Rating 63 A; Voltage 400 V

Characteristics at this distribution board

Associated RCD(if any): BS (EN) N/A
Z_d 0.15 Ω
I_{pf} 3.08 kA
Time delay (if applicable) N/A
No. of poles N/A
IΔn N/A
Operating at 1 IΔn N/A ms
Operating at 5 IΔn N/A ms
Above 30mA 30mA or below (if applicable)

Test instrument serial number(s)

Loop impedance 080408/5657
Insulation resistance 080408/5657
Continuity 080408/5657
RCD 080408/5657

CIRCUIT DETAILS / TEST RESULTS

Circuit No. and Line No.	Distribution board Designation / Circuit designation	Type of wiring	Ref. method	No. of points	Circuit conductors csa (mm²) L / N	Circuit conductors csa (mm²) CPC	Maximum disconnection	Overcurrent protective devices BS EN Number	Overcurrent protective devices Type No.	Overcurrent protective devices Rating (A)	Breaking capacity (KA)	RCD operating (mA)	BS 7671 Max. permitted Zs Other 80% (Ω)	Circuit impedance Ω Ring final circuits only (measured end-to-end) r1	rn	r2	Fig 8 check (✓)	All circuits to be completed using R1R2 or R2, not both R1 + R2	R2	Insulation resistance (Record lower reading) Test voltage V	L/L, L/N M(Ω)	L/E, N/E M(Ω)	Polarity (✓)	Max. Measured Zs (Ω)	RCD testing Above 30mA IΔn ms	RCD testing 30mA or below 5 IΔn ms	Manual test button operation RCD (✓)	Manual test button operation AFDD (✓)
1/L1	Ring 4th Floor	A	E	4	2x2.5	2x1.5	0.4	61009 RCD/	C	32	10	10	0.54	0.64	0.64	0.90	N/A	0.39	N/A	250	LIM	>299	✓	0.56	38.8	28.7	✓	N/A
1/L2	Ring 5th Floor	A	E	4	2x2.5	2x1.5	0.4	61009 RCD/	C	32	10	10	0.54	0.59	0.59	0.86	N/A	0.36	N/A	250	LIM	>299	✓	0.60	38.7	28.7	✓	N/A
1/L3	Ring 6th Floor	A	E	4	2x2.5	2x1.5	0.4	61009 RCD/	C	32	10	10	0.54	0.58	0.58	0.87	N/A	0.36	N/A	250	LIM	>299	✓	0.53	38.7	28.7	✓	N/A
2/L1	Ring 7th Floor	A	E	4	2x2.5	2x1.5	0.4	61009 RCD/	C	32	10	10	0.54	0.64	0.64	0.82	N/A	0.37	N/A	250	LIM	>299	✓	0.54	38.6	28.7	✓	N/A
2/L2	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
2/L3	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
3/TP	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
4/TP	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
5/TP	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
6/TP	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
7/TP	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
8/TP	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

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

Date(s) dead testing 12/07/2022 To 12/07/2022

Date(s) live testing 12/07/2022 To 12/07/2022

Tested by: Name (capital letters) LIAM KIMBLE Position Electrical Test Engineer Date 12/07/2022

Signature

Wiring Types. **A** PVC/PVC, **B** PVC cables in metallic Conduit, **C** PVC cables in non-metallic Conduit, **D** PVC cables in metallic trunking, **E** PVC cables in non-metallic trunking, **F** PVC/SWA cables, **G** SWA/XPLE cables, **H** Mineral Insulated, **MW** Metal Work, **FM** Ferrous Metal, **O** Other

ELECTRICAL INSTALLATION CONDITION REPORT - Schedule of Tests

FT/EICR: 110147629

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

phs Compliance

Company Name	PHS Compliance	**Company Address**	Kid Glove Road	**Postcode**	WA3 3GR	**Branch No.**	**Scheme No.**
Client	UPP Residential Services Ltd	**Installation Address**	Swansea University Bay Campus - Elinor 14, Reception - Ground Floor Tower Information Centre, Fabian Way, Crymlyn Burrows, Swansea	**Postcode**	SA1 8EN		

Distribution board details - Complete in every case

Location: Room 1 Riser 3rd Floor [Schneider]
Designation: DB CL4/6
Num. of ways: 4 Num. of phases: 1
Supply polarity confirmed: ☑ Phase sequence confirmed: ☐

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

Supply to distribution board is from: Sub Mains(DB CL4, 6/L3)
Overcurrent protective device for the distribution circuit: BS(EN) 61009 RCD/RCBO Type C Rating 32 A Voltage 230 V

Characteristics at this distribution board

Associated RCD(if any): BS (EN) 61009
Z_d 0.32 Ω No. of poles 2
I_{pf} 0.72 kA IΔn 30
Time delay (if applicable) N/A
Above 30mA (if applicable): Operating at 1 IΔn 28.6 ms
30mA or below: Operating at 5 IΔn 19.4 ms

Test instrument serial number(s)

Loop impedance: 080408/5657
Insulation resistance: 080408/5657
Continuity: 080408/5657
RCD: 080408/5657

CIRCUIT DETAILS / TEST RESULTS

Circuit No. and Line No.	Distribution board Designation / Circuit designation	Type of wiring	Ref. method	No. of points	Circuit conductors csa (mm²) L / N	Circuit conductors csa (mm²) CPC	Maximum disconnection	Overcurrent protective devices BS EN Number	Overcurrent protective devices Type No.	Overcurrent protective devices Rating (A)	Breaking capacity (KA)	RCD operating (mA)	BS 7671 Max. permitted Zs Other 80% (Ω)	Circuit impedance Ω Ring final circuits only (measured end-to-end) r1	r2	rn	Fig 8 check (✓)	All circuits to be completed using R1R2 or R2, not both R1 + R2	R2	Insulation resistance (Record lower reading) Test voltage V	L/L, L/N M(Ω)	L/E, N/E M(Ω)	Polarity (✓)	Max. Measured Zs (Ω)	RCD testing Above 30mA IΔn ms	30mA or below 5 IΔn ms	Manual test button operation RCD (✓)	AFDD (✓)
1/L2	Room 1 Sockets	A	B	6	2.5	1.5	0.4	60898 MCB	B	10	6	N/A	3.49	N/A	N/A	N/A	N/A	0.13	N/A	250	LIM	>299	✓	0.49	N/A	N/A	N/A	N/A
2/L2	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
3/L2	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
4/L2	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Details of circuits and/or installed equipment vulnerable to damage when testing: Date(s) dead testing 11/07/2022 To 11/07/2022 Date(s) live testing 11/07/2022 To 11/07/2022

Tested by: Name (capital letters) LIAM KIMBLE Position Electrical Test Engineer Date 11/07/2022 Signature

Wiring Types. **A** PVC/PVC, **B** PVC cables in metallic Conduit, **C** PVC cables in non-metallic Conduit, **D** PVC cables in metallic trunking, **E** PVC cables in non-metallic trunking, **F** PVC/SWA cables, **G** SWA/XPLE cables, **H** Mineral Insulated, **MW** Metal Work, **FM** Ferrous Metal, **O** Other

ELECTRICAL INSTALLATION CONDITION REPORT - Schedule of Tests

FT/EICR: 110147629

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

phs Compliance

Company Name	PHS Compliance	**Company Address**	Kid Glove Road	**Postcode**	WA3 3GR	**Branch No.**		**Scheme No.**	
Client	UPP Residential Services Ltd	**Installation Address**	Swansea University Bay Campus - Elinor 14, Reception - Ground Floor Tower Information Centre, Fabian Way, Crymlyn Burrows, Swansea					**Postcode**	SA1 8EN

Distribution board details - Complete in every case

Location: Room 9 Riser 2nd Floor [Schneider]
Designation: DB CL4/9-2
Num. of ways: 4 Num. of phases: 1
Supply polarity confirmed: ☑ Phase sequence confirmed: ☐

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

Supply to distribution board is from: Sub Mains(DB CL4, 9/L3)
Overcurrent protective device for the distribution circuit: BS(EN) 61009 RCD/RCBO Type C Rating 32 A Voltage 230 V

Characteristics at this distribution board

Associated RCD(if any): BS (EN) 61009
Z_d 0.40 Ω No. of poles 2
I_{pf} 0.58 kA IΔn 30
Time delay (if applicable) N/A
Above 30mA (if applicable): Operating at 1 IΔn 28.7 ms
30mA or below: Operating at 5 IΔn 18.6 ms

Test instrument serial number(s)

Loop impedance: 080408/5657
Insulation resistance: 080408/5657
Continuity: 080408/5657
RCD: 080408/5657

CIRCUIT DETAILS / TEST RESULTS

Circuit No. and Line No.	Distribution board Designation / Circuit designation	Type of wiring	Ref. method	No. of points	Circuit conductors csa (mm²) L / N	Circuit conductors csa (mm²) CPC	Maximum disconnection	Overcurrent protective devices BS EN Number	Overcurrent protective devices Type No.	Overcurrent protective devices Rating (A)	Breaking capacity (KA)	RCD operating (mA)	BS 7671 Max. permitted Zs Other 80% (Ω)	Circuit impedance Ω Ring final circuits only (measured end-to-end) r1	rn	r2	Fig 8 check (✓)	All circuits to be completed using R1R2 or R2, not both R1 + R2	R2	Insulation resistance (Record lower reading) Test voltage V	L/L, L/N M(Ω)	L/E, N/E M(Ω)	Polarity (✓)	Max. Measured Zs (Ω)	RCD testing Above 30mA IΔn ms	RCD testing 30mA or below 5 IΔn ms	Manual test button operation RCD (✓)	Manual test button operation AFDD (✓)
1/L3	Room 9 Sockets	A	B	6	2.5	1.5	0.4	60898 MCB	B	10	6	N/A	3.49	N/A	N/A	N/A	N/A	0.18	N/A	250	LIM	>299	✓	0.63	N/A	N/A	N/A	N/A
2/L3	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
3/L3	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
4/L3	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Details of circuits and/or installed equipment vulnerable to damage when testing: Date(s) dead testing 11/07/2022 To 11/07/2022 Date(s) live testing 11/07/2022 To 11/07/2022

Tested by: Name (capital letters) LIAM KIMBLE Position Electrical Test Engineer Date 11/07/2022 Signature

Wiring Types. **A** PVC/PVC, **B** PVC cables in metallic Conduit, **C** PVC cables in non-metallic Conduit, **D** PVC cables in metallic trunking, **E** PVC cables in non-metallic trunking, **F** PVC/SWA cables, **G** SWA/XPLE cables, **H** Mineral Insulated, **MW** Metal Work, **FM** Ferrous Metal, **O** Other

ELECTRICAL INSTALLATION CONDITION REPORT - Schedule of Tests

FT/EICR 110147629

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

phs Compliance

Company Name	PHS Compliance	**Company Address**	Kid Glove Road	**Postcode**	WA3 3GR	**Branch No.**		**Scheme No.**	
Client	UPP Residential Services Ltd	**Installation Address**	Swansea University Bay Campus - Elinor 14, Reception - Ground Floor Tower Information Centre, Fabian Way, Crymlyn Burrows, Swansea					**Postcode**	SA1 8EN

Distribution board details - Complete in every case

Location: Room 9 Riser 4th Floor [Schneider]
Designation: DB CL5/9-2
Num. of ways: 4 Num. of phases: 1
Supply polarity confirmed: ☑ Phase sequence confirmed: ☐

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

Supply to distribution board is from: Sub Mains(DB CL5, 9/L1)
Overcurrent protective device for the distribution circuit: BS(EN) 61009 RCD/RCBO Type C Rating 32 A Voltage 230 V

Characteristics at this distribution board

Associated RCD(if any): BS (EN) 61009
Z_d 0.44 Ω No. of poles 2
I_{pf} 0.51 kA IΔn 30
Time delay (if applicable) N/A
Above 30mA (if applicable): Operating at 1 IΔn 32.5 ms
30mA or below: Operating at 5 IΔn 18.8 ms

Test instrument serial number(s)

Loop impedance 080408/5657
Insulation resistance 080408/5657
Continuity 080408/5657
RCD 080408/5657

CIRCUIT DETAILS / TEST RESULTS

Circuit No. and Line No.	Distribution board Designation / Circuit designation	Type of wiring	Ref. method	No. of points	Circuit conductors csa (mm²) L / N	Circuit conductors csa (mm²) CPC	Maximum disconnection	Overcurrent protective devices BS EN Number	Overcurrent protective devices Type No.	Overcurrent protective devices Rating (A)	Breaking capacity (KA)	RCD operating (mA)	BS 7671 Max. permitted Zs Other 80% (Ω)	Circuit impedance Ω Ring final circuits only (measured end-to-end) r1	r1	rn	r2	Fig 8 check (✓)	All circuits to be completed using R1R2 or R2, not both R1 + R2	R2	Insulation resistance (Record lower reading) Test voltage V	L/L, L/N M(Ω)	L/E, N/E M(Ω)	Polarity (✓)	Max. Measured Zs (Ω)	RCD testing Above 30mA IΔn ms	RCD testing 30mA or below 5 IΔn ms	Manual test button operation RCD (✓)	AFDD (✓)
1/L1	Room 9 Sockets	A	B	6	2.5	1.5	0.4	60898 MCB	B	10	6	N/A	3.49	N/A	N/A	N/A	N/A	0.14	N/A	250	LIM	>299	✓	0.75	N/A	N/A	N/A	N/A
2/L1	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
3/L1	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
4/L1	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

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

Date(s) dead testing: 11/07/2022 To 11/07/2022
Date(s) live testing: 11/07/2022 To 11/07/2022

Tested by: Name (capital letters): LIAM KIMBLE Position: Electrical Test Engineer Date: 11/07/2022
Signature:

Wiring Types. **A** PVC/PVC, **B** PVC cables in metallic Conduit, **C** PVC cables in non-metallic Conduit, **D** PVC cables in metallic trunking, **E** PVC cables in non-metallic trunking, **F** PVC/SWA cables, **G** SWA/XPLE cables, **H** Mineral Insulated, **MW** Metal Work, **FM** Ferrous Metal, **O** Other

ELECTRICAL INSTALLATION CONDITION REPORT - Schedule of Tests

FT/EICR 110147629

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

phs Compliance

Company Name	PHS Compliance	**Company Address**	Kid Glove Road	**Postcode**	WA3 3GR	**Branch No.**		**Scheme No.**	
Client	UPP Residential Services Ltd	**Installation Address**	Swansea University Bay Campus - Elinor 14, Reception - Ground Floor Tower Information Centre, Fabian Way, Crymlyn Burrows, Swansea					**Postcode**	SA1 8EN

Distribution board details - Complete in every case

Location: Riser Flat 1 Room 2 (Schneider)
Designation: DB/CL1.7.1
Num. of ways: 1 Num. of phases: 1
Supply polarity confirmed: ☑ Phase sequence confirmed: ☐

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

Supply to distribution board is from: Sub Mains(DB CL1, 7/L1)
Overcurrent protective device for the distribution circuit: BS(EN) 61009 RCD/RCBO Type C Rating 32 A Voltage 230 V

Characteristics at this distribution board

Associated RCD(if any): BS (EN) N/A
Z_d 0.40 Ω No. of poles N/A
I_{pf} 0.58 kA IΔn 30
Time delay (if applicable) NA
Above 30mA (if applicable): Operating at 1 IΔn 31.4 ms
30mA or below: Operating at 5 IΔn 29.0 ms

Test instrument serial number(s)

Loop impedance 080408/5756
Insulation resistance 080408/5756
Continuity 080408/5756
RCD 080408/5756

CIRCUIT DETAILS / TEST RESULTS

Circuit No. and Line No.	Distribution board Designation / Circuit designation	Type of wiring	Ref. method	No. of points	Circuit conductors csa (mm²) L / N	Circuit conductors csa (mm²) CPC	Maximum disconnection	Overcurrent protective devices BS EN Number	Overcurrent protective devices Type No.	Overcurrent protective devices Rating (A)	Breaking capacity (KA)	RCD operating (mA)	BS 7671 Max. permitted Zs Other 80% (Ω)	Circuit impedance Ω Ring final circuits only (measured end-to-end) r1	r n	r2	Fig 8 check (✓)	All circuits to be completed using R1R2 or R2, not both R1 + R2	R2	Insulation resistance (Record lower reading) Test voltage V	L/L, L/N M(Ω)	L/E, N/E M(Ω)	Polarity (✓)	Max. Measured Zs (Ω)	RCD testing Above 30mA IΔn ms	30mA or below 5 IΔn ms	Manual test button operation RCD (✓)	AFDD (✓)
1/L1	DB/CL1.7.1 Sockets Room 2	A	E	1	2.5	1.5	0.4	60898 MCB	B	10	6	N/A	3.49	N/A	N/A	N/A	N/A	0.39	N/A	250	LIM	>299	✓	0.51	N/A	N/A	N/A	N/A

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

Date(s) dead testing: 11/07/2022 To 11/07/2022

Date(s) live testing: 11/07/2022 To 11/07/2022

Tested by: Name (capital letters): LIAM KIMBLE Position: Electrical Test Engineer Date: 11/07/2022

Signature:

Wiring Types. **A** PVC/PVC, **B** PVC cables in metallic Conduit, **C** PVC cables in non-metallic Conduit, **D** PVC cables in metallic trunking, **E** PVC cables in non-metallic trunking, **F** PVC/SWA cables, **G** SWA/XPLE cables, **H** Mineral Insulated, **MW** Metal Work, **FM** Ferrous Metal, **O** Other

ELECTRICAL INSTALLATION CONDITION REPORT - Schedule of Tests

FT/EICR: 110147629

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

phs Compliance

Company Name	PHS Compliance	**Company Address**	Kid Glove Road	**Postcode**	WA3 3GR	**Branch No.**		**Scheme No.**	
Client	UPP Residential Services Ltd	**Installation Address**	Swansea University Bay Campus - Elinor 14, Reception - Ground Floor Tower Information Centre, Fabian Way, Crymlyn Burrows, Swansea	**Postcode**	SA1 8EN				

Distribution board details - Complete in every case

Location: Room 2 Riser 3rd Floor [Schneider]
Designation: DB CL4/7
Num. of ways: 4 Num. of phases: 1
Supply polarity confirmed: ☑ Phase sequence confirmed: ☐

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

Supply to distribution board is from: Sub Mains(DB CL4, 7/L3)
Overcurrent protective device for the distribution circuit: BS(EN) 61009 RCD/RCBO Type C Rating 32 A Voltage 230 V

Characteristics at this distribution board

Associated RCD(if any): BS (EN) 61009
Z_d 0.37 Ω No. of poles 2
I_{pf} 0.51 kA IΔn 30
Time delay (if applicable) N/A
Above 30mA (if applicable): Operating at 1 IΔn 28.6 ms
30mA or below: Operating at 5 IΔn 22.4 ms

Test instrument serial number(s)

Loop impedance: 080408/5657
Insulation resistance: 080408/5657
Continuity: 080408/5657
RCD: 080408/5657

CIRCUIT DETAILS / TEST RESULTS

Circuit No. and Line No.	Distribution board Designation / Circuit designation	Type of wiring	Ref. method	No. of points	Circuit conductors csa (mm²) L / N	Circuit conductors csa (mm²) CPC	Maximum disconnection	Overcurrent protective devices BS EN Number	Overcurrent protective devices Type No.	Overcurrent protective devices Rating (A)	Breaking capacity (KA)	RCD operating (mA)	BS 7671 Max. permitted Zs Other 80% (Ω)	Circuit impedance Ω Ring final circuits only (measured end-to-end) r1	rn	r2	Fig 8 check (✓)	All circuits to be completed using R1R2 or R2, not both R1 + R2	R2	Insulation resistance (Record lower reading) Test voltage V	L/L, L/N M(Ω)	L/E, N/E M(Ω)	Polarity (✓)	Max. Measured Zs (Ω)	RCD testing Above 30mA IΔn ms	RCD testing 30mA or below 5 IΔn ms	Manual test button operation RCD (✓)	Manual test button operation AFDD (✓)
	DB CL4/7																												
1/L3	Room 2 Sockets	A	B	6	2.5	1.5	0.4	60898 MCB	B	10	6	N/A	3.49	N/A	N/A	N/A	N/A	0.09	N/A	250	LIM	>299	✓	0.42	N/A	N/A	N/A	N/A
2/L3	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
3/L3	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
4/L3	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Details of circuits and/or installed equipment vulnerable to damage when testing: Date(s) dead testing 11/07/2022 To 11/07/2022 Date(s) live testing 11/07/2022 To 11/07/2022

Tested by: Name (capital letters) LIAM KIMBLE Position Electrical Test Engineer Date 11/07/2022 Signature

Wiring Types. **A** PVC/PVC, **B** PVC cables in metallic Conduit, **C** PVC cables in non-metallic Conduit, **D** PVC cables in metallic trunking, **E** PVC cables in non-metallic trunking, **F** PVC/SWA cables, **G** SWA/XPLE cables, **H** Mineral Insulated, **MW** Metal Work, **FM** Ferrous Metal, **O** Other

ELECTRICAL INSTALLATION CONDITION REPORT - Schedule of Tests

FT/EICR: 110147629

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

phs Compliance

Company Name	PHS Compliance	**Company Address**	Kid Glove Road	**Postcode**	WA3 3GR	**Branch No.**	**Scheme No.**
Client	UPP Residential Services Ltd	**Installation Address**	Swansea University Bay Campus - Elinor 14, Reception - Ground Floor Tower Information Centre, Fabian Way, Crymlyn Burrows, Swansea	**Postcode**	SA1 8EN		

Distribution board details - Complete in every case

Location: Room 8 Riser 2nd Floor [Schneider]
Designation: DB CL3/9-1
Num. of ways: 4 Num. of phases: 1
Supply polarity confirmed: ☑ Phase sequence confirmed: ☐

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

Supply to distribution board is from: Sub Mains(DB CL3, 9/L2)
Overcurrent protective device for the distribution circuit: BS(EN) 61009 RCD/RCBO Type C Rating 32 A Voltage 230 V

Characteristics at this distribution board

Associated RCD(if any): BS (EN) 61009
Z_d 0.44 Ω No. of poles 2
I_{pf} 0.52 kA IΔn 30
Time delay (if applicable) N/A
Above 30mA (if applicable): Operating at 1 IΔn 38.5 ms
30mA or below: Operating at 5 IΔn 21.0 ms

Test instrument serial number(s)

Loop impedance: 080408/5657
Insulation resistance: 080408/5657
Continuity: 080408/5657
RCD: 080408/5657

CIRCUIT DETAILS / TEST RESULTS

Circuit No. and Line No.	Distribution board Designation / Circuit designation	Type of wiring	Ref. method	No. of points	Circuit conductors csa (mm²) L / N	Circuit conductors csa (mm²) CPC	Maximum disconnection	Overcurrent protective devices BS EN Number	Overcurrent protective devices Type No.	Overcurrent protective devices Rating (A)	Breaking capacity (KA)	RCD operating (mA)	BS 7671 Max. permitted Zs Other 80% (Ω)	Circuit impedance Ω Ring final circuits only (measured end-to-end) r1	r1	rn	r2	Fig 8 check (✓)	All circuits to be completed using R1R2 or R2, not both R1 + R2	R2	Insulation resistance (Record lower reading) Test voltage V	L/L, L/N M(Ω)	L/E, N/E M(Ω)	Polarity (✓)	Max. Measured Zs (Ω)	RCD testing Above 30mA IΔn ms	RCD testing 30mA or below 5 IΔn ms	Manual test button operation RCD (✓)	AFDD (✓)
1/L2	Room 8 Sockets	A	B	6	2.5	1.5	0.4	60898 MCB	B	10	6	N/A	3.49	N/A	N/A	N/A	N/A	0.11	N/A	250	LIM	>299	✓	0.63	N/A	N/A	N/A	N/A
2/L2	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
3/L2	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
4/L2	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

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

Date(s) dead testing: 11/07/2022 To 11/07/2022
Date(s) live testing: 11/07/2022 To 11/07/2022

Tested by: Name (capital letters): LIAM KIMBLE Position: Electrical Test Engineer Date: 11/07/2022
Signature:

Wiring Types. **A** PVC/PVC, **B** PVC cables in metallic Conduit, **C** PVC cables in non-metallic Conduit, **D** PVC cables in metallic trunking, **E** PVC cables in non-metallic trunking, **F** PVC/SWA cables, **G** SWA/XPLE cables, **H** Mineral Insulated, **MW** Metal Work, **FM** Ferrous Metal, **O** Other

ELECTRICAL INSTALLATION CONDITION REPORT - Schedule of Tests

FT/EICR: 110147629

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

phs Compliance

Company Name	PHS Compliance	**Company Address**	Kid Glove Road	**Postcode**	WA3 3GR	**Branch No.**	**Scheme No.**
Client	UPP Residential Services Ltd	**Installation Address**	Swansea University Bay Campus - Elinor 14, Reception - Ground Floor Tower Information Centre, Fabian Way, Crymlyn Burrows, Swansea	**Postcode**	SA1 8EN		

Distribution board details - Complete in every case

Location: Plant Room [Schneider]
Designation: DB LL2/L
Num. of ways: 8 Num. of phases: 3
Supply polarity confirmed: ☑ Phase sequence confirmed: ☑

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

Supply to distribution board is from: Sub Mains(Busbar, 10/TP)
Overcurrent protective device for the distribution circuit: BS(EN) 88-2 HRC gG; Type gG; Rating 63 A; Voltage 400 V

Characteristics at this distribution board

Associated RCD(if any): BS (EN) N/A
Z_d 0.15 Ω; I_{pf} 3.08 kA
Time delay (if applicable) N/A
No. of poles N/A; IΔn N/A
Operating at 1 IΔn N/A ms; Operating at 5 IΔn N/A ms
Above 30mA / 30mA or below (if applicable)

Test instrument serial number(s)

Loop impedance 080408/5756
Insulation resistance 080408/5756
Continuity 080408/5756
RCD 080408/5756

CIRCUIT DETAILS / TEST RESULTS

Circuit No. and Line No.	Distribution board Designation: DB LL2/L Circuit designation	Type of wiring	Ref. method	No. of points	Circuit conductors csa (mm²) L / N	Circuit conductors csa (mm²) CPC	Maximum disconnection	Overcurrent protective devices BS EN Number	Overcurrent protective devices Type No.	Overcurrent protective devices Rating (A)	Breaking capacity (KA)	RCD operating (mA)	BS 7671 Max. permitted Zs Other 80% (Ω)	Circuit impedance Ω: Ring final circuits only (measured end-to-end) r1	rn	r2	Fig 8 check (✓)	All circuits to be completed using R1R2 or R2, not both: R1 + R2	R2	Insulation resistance (Record lower reading): Test voltage V	L/L, L/N M(Ω)	L/E, N/E M(Ω)	Polarity (✓)	Max. Measured Zs (Ω)	RCD testing: Above 30mA IΔn ms	30mA or below 5 IΔn ms	Manual test button operation: RCD (✓)	AFDD (✓)
1/L1	Lighting Floor 4	A	B	12	1.5	1	0.4	61009 RCD/	C	10	10	30	1.75	N/A	N/A	N/A	N/A	0.09	N/A	250	LIM	>299	✓	0.24	48.5	28.5	✓	N/A
1/L2	Lighting Floor 5	A	B	12	1.5	1	0.4	61009 RCD/	C	10	10	30	1.75	N/A	N/A	N/A	N/A	0.10	N/A	250	LIM	>299	✓	0.22	28.8	28.0	✓	N/A
1/L3	Lighting Floor 6	A	B	12	1.5	1	0.4	61009 RCD/	C	10	10	30	1.75	N/A	N/A	N/A	N/A	0.16	N/A	250	LIM	>299	✓	0.29	38.7	28.4	✓	N/A
2/L1	Lighting Floor 7	A	B	12	1.5	1	0.4	61009 RCD/	C	10	10	30	1.75	N/A	N/A	N/A	N/A	0.13	N/A	250	LIM	>299	✓	0.24	38.4	28.4	✓	N/A
2/L2	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
2/L3	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
3/TP	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
4/TP	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
5/TP	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
6/TP	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
7/TP	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
8/TP	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

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

Date(s) dead testing: 12/07/2022 To 12/07/2022
Date(s) live testing: 12/07/2022 To 12/07/2022

Tested by: Name (capital letters): LIAM KIMBLE Position: Electrical Test Engineer Date: 12/07/2022
Signature:

Wiring Types. **A** PVC/PVC, **B** PVC cables in metallic Conduit, **C** PVC cables in non-metallic Conduit, **D** PVC cables in metallic trunking, **E** PVC cables in non-metallic trunking, **F** PVC/SWA cables, **G** SWA/XPLE cables, **H** Mineral Insulated, **MW** Metal Work, **FM** Ferrous Metal, **O** Other

ELECTRICAL INSTALLATION CONDITION REPORT - Schedule of Tests

FT/EICR 110147629

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

phs Compliance

Company Name	PHS Compliance	**Company Address**	Kid Glove Road	**Postcode**	WA3 3GR	**Branch No.**	**Scheme No.**
Client	UPP Residential Services Ltd	**Installation Address**	Swansea University Bay Campus - Elinor 14, Reception - Ground Floor Tower Information Centre, Fabian Way, Crymlyn Burrows, Swansea	**Postcode**	SA1 8EN		

Distribution board details - Complete in every case

Location: Room 5 Riser 6th Floor [Schneider]
Designation: DB CL7/8
Num. of ways: 4 Num. of phases: 1
Supply polarity confirmed: ☑ Phase sequence confirmed: ☐

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

Supply to distribution board is from: Sub Mains(DB CL7, 8/L3)
Overcurrent protective device for the distribution circuit: BS(EN) 61009 RCD/RCBO Type C Rating 32 A Voltage 230 V

Characteristics at this distribution board

Associated RCD(if any): BS (EN) 61009
Z_d 0.38 Ω No. of poles 2
I_{pf} 0.62 kA IΔn 30
Time delay (if applicable) N/A
Above 30mA (if applicable): Operating at 1 IΔn 28.0 ms
30mA or below: Operating at 5 IΔn 28.6 ms

Test instrument serial number(s)

Loop impedance 080408/5657
Insulation resistance 080408/5657
Continuity 080408/5657
RCD 080408/5657

CIRCUIT DETAILS / TEST RESULTS

Circuit No. and Line No.	Distribution board Designation: DB CL7/8 / Circuit designation	Type of wiring	Ref. method	No. of points	Circuit conductors csa (mm²) L / N	Circuit conductors csa (mm²) CPC	Maximum disconnection	Overcurrent protective devices BS EN Number	Overcurrent protective devices Type No.	Overcurrent protective devices Rating (A)	Breaking capacity (KA)	RCD operating (mA)	BS 7671 Max. permitted Zs Other 80% (Ω)	Circuit impedance Ω Ring final circuits only (measured end-to-end) r1	r1	rn	r2	Fig 8 check (✓)	All circuits to be completed using R1R2 or R2, not both R1 + R2	R2	Insulation resistance (Record lower reading) Test voltage V	L/L, L/N M(Ω)	L/E, N/E M(Ω)	Polarity (✓)	Max. Measured Zs (Ω)	RCD testing Above 30mA IΔn ms	RCD testing 30mA or below 5 IΔn ms	Manual test button operation RCD (✓)	AFDD (✓)
1/L3	Room 5 Sockets	A	B	6	2.5	1.5	0.4	60898 MCB	B	10	6	N/A	3.49	N/A	N/A	N/A	N/A	0.14	N/A	250	LIM	>299	✓	0.66	N/A	N/A	N/A	N/A
2/L3	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
3/L3	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
4/L3	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Details of circuits and/or installed equipment vulnerable to damage when testing: Date(s) dead testing 11/07/2022 To 11/07/2022 Date(s) live testing 11/07/2022 To 11/07/2022

Tested by: Name (capital letters) LIAM KIMBLE Position Electrical Test Engineer Date 11/07/2022 Signature

Wiring Types. **A** PVC/PVC, **B** PVC cables in metallic Conduit, **C** PVC cables in non-metallic Conduit, **D** PVC cables in metallic trunking, **E** PVC cables in non-metallic trunking, **F** PVC/SWA cables, **G** SWA/XPLE cables, **H** Mineral Insulated, **MW** Metal Work, **FM** Ferrous Metal, **O** Other

ELECTRICAL INSTALLATION CONDITION REPORT - Schedule of Tests

FT/EICR: 110147629

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

phs Compliance

Company Name	PHS Compliance	**Company Address**	Kid Glove Road	**Postcode**	WA3 3GR	**Branch No.**	**Scheme No.**
Client	UPP Residential Services Ltd	**Installation Address**	Swansea University Bay Campus - Elinor 14, Reception - Ground Floor Tower Information Centre, Fabian Way, Crymlyn Burrows, Swansea	**Postcode**	SA1 8EN		

Distribution board details - Complete in every case

Location: Room 7 Riser 6th Floor [Schneider]
Designation: DB CL7/9
Num. of ways: 4 Num. of phases: 1
Supply polarity confirmed: ☑ Phase sequence confirmed: ☐

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

Supply to distribution board is from: Sub Mains(DB CL7, 9/L3)
Overcurrent protective device for the distribution circuit: BS(EN) 61009 RCD/RCBO Type C Rating 32 A Voltage 230 V

Characteristics at this distribution board

Associated RCD(if any): BS (EN) 61009
Z_d 0.41 Ω No. of poles 2
I_{pf} 0.58 kA IΔn 30
Time delay (if applicable) N/A
Above 30mA (if applicable): Operating at 1 IΔn 28.6 ms
30mA or below: Operating at 5 IΔn 28.7 ms

Test instrument serial number(s)

Loop impedance: 080408/5657
Insulation resistance: 080408/5657
Continuity: 080408/5657
RCD: 080408/5657

CIRCUIT DETAILS / TEST RESULTS

Circuit No. and Line No.	Distribution board Designation / Circuit designation	Type of wiring	Ref. method	No. of points	Circuit conductors csa (mm²) L / N	Circuit conductors csa (mm²) CPC	Maximum disconnection	Overcurrent protective devices BS EN Number	Overcurrent protective devices Type No.	Overcurrent protective devices Rating (A)	Breaking capacity (KA)	RCD operating (mA)	BS 7671 Max. permitted Zs Other 80% (Ω)	Circuit impedance Ω Ring final circuits only (measured end-to-end) r1	rn	r2	Fig 8 check (✓)	All circuits to be completed using R1R2 or R2, not both R1 + R2	R2	Insulation resistance (Record lower reading) Test voltage V	L/L, L/N M(Ω)	L/E, N/E M(Ω)	Polarity (✓)	Max. Measured Zs (Ω)	RCD testing Above 30mA IΔn ms	RCD testing 30mA or below 5 IΔn ms	Manual test button operation RCD (✓)	Manual test button operation AFDD (✓)
1/L3	Room 7 Sockets	A	B	6	2.5	1.5	0.4	60898 MCB	B	10	6	N/A	3.49	N/A	N/A	N/A	N/A	0.20	N/A	250	LIM	>299	✓	0.74	N/A	N/A	N/A	N/A
2/L3	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
3/L3	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
4/L3	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Details of circuits and/or installed equipment vulnerable to damage when testing: Date(s) dead testing 11/07/2022 To 11/07/2022 Date(s) live testing 11/07/2022 To 11/07/2022

Tested by: Name (capital letters) LIAM KIMBLE Position Electrical Test Engineer Date 11/07/2022 Signature

Wiring Types. **A** PVC/PVC, **B** PVC cables in metallic Conduit, **C** PVC cables in non-metallic Conduit, **D** PVC cables in metallic trunking, **E** PVC cables in non-metallic trunking, **F** PVC/SWA cables, **G** SWA/XPLE cables, **H** Mineral Insulated, **MW** Metal Work, **FM** Ferrous Metal, **O** Other

ELECTRICAL INSTALLATION CONDITION REPORT - Schedule of Tests

FT/EICR 110147629

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

phs Compliance

Company Name	PHS Compliance	**Company Address**	Kid Glove Road	**Postcode**	WA3 3GR	**Branch No.**	**Scheme No.**
Client	UPP Residential Services Ltd	**Installation Address**	Swansea University Bay Campus - Elinor 14, Reception - Ground Floor Tower Information Centre, Fabian Way, Crymlyn Burrows, Swansea	**Postcode**	SA1 8EN		

Distribution board details - Complete in every case

Location: 4th Floor Kitchen (Schneider)
Designation: DB CL4
Num. of ways: 18 Num. of phases: 1
Supply polarity confirmed: ☑ Phase sequence confirmed: ☐

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

Supply to distribution board is from: Sub Mains(Busbar, 6/L3)
Overcurrent protective device for the distribution circuit: BS(EN) 88-2 HRC Type gG Rating 63 A Voltage 230 V

Characteristics at this distribution board

Associated RCD(if any): BS (EN) N/A
Z_d 0.13 Ω No. of poles NA
I_{pf} 1.82 kA IΔn N/A
Time delay (if applicable) NA
Above 30mA (if applicable) Operating at 1 IΔn N/A ms
30mA or below Operating at 5 IΔn N/A ms

Test instrument serial number(s)

Loop impedance 080408/5756
Insulation resistance 080408/5756
Continuity 080408/5756
RCD 080408/5756

CIRCUIT DETAILS / TEST RESULTS

Circuit No. and Line No.	Distribution board Designation: DB CL4 / Circuit designation	Type of wiring	Ref. method	No. of points	Circuit conductors csa (mm²) L / N	Circuit conductors csa (mm²) CPC	Maximum disconnection	Overcurrent protective devices BS EN Number	Overcurrent protective devices Type No.	Overcurrent protective devices Rating (A)	Breaking capacity (KA)	RCD operating (mA)	BS 7671 Max. permitted Zs Other 80% (Ω)	Circuit impedance Ω Ring final circuits only (measured end-to-end) r1	r2	rn	Fig 8 check (✓)	All circuits to be completed using R1R2 or R2, not both R1 + R2	R2	Insulation resistance (Record lower reading) Test voltage V	L/L, L/N M(Ω)	L/E, N/E M(Ω)	Polarity (✓)	Max. Measured Zs (Ω)	RCD testing Above 30mA IΔn ms	30mA or below 5 IΔn ms	Manual test button operation RCD (✓)	AFDD (✓)
1/L3	Common Room Lights	A	B	1	1.5	1	0.4	61009 RCD/	C	10	10	30	1.75	N/A	N/A	N/A	N/A	0.36	N/A	250	LIM	>299	✓	0.53	28.7	22.4	✓	N/A
2/L3	Bedroom Lights 2,3,4	A	B	9	1.5	1	0.4	61009 RCD/	C	10	10	30	1.75	N/A	N/A	N/A	N/A	0.58	N/A	250	LIM	>299	✓	0.75	28.6	20.4	✓	N/A
3/L3	Bedroom Lights 5,6,7	A	B	6	1.5	1	0.4	61009 RCD/	C	10	10	30	1.75	N/A	N/A	N/A	N/A	0.49	N/A	250	LIM	>299	✓	0.65	28.7	19.7	✓	N/A
4/L3	Bedroom Lights 1,8	A	B	9	1.5	1	0.4	61009 RCD/	C	10	10	30	1.75	N/A	N/A	N/A	N/A	0.52	N/A	250	LIM	>299	✓	0.64	28.6	18.8	✓	N/A
5/L3	Bedroom Lights	A	B	6	1.5	1	0.4	61009 RCD/	C	10	10	30	1.75	N/A	N/A	N/A	N/A	0.47	N/A	250	LIM	>299	✓	0.62	28.6	18.2	✓	N/A
6/L3	Sub Mains(DB CL4/6, DB CL4/6-1)	A	B	6	2x2.5	2x1.5	5	61009 RCD/RCBO	C	32	10	30	0.54	0.25	0.25	0.36	✓	0.15	N/A	250	LIM	>299	✓	0.32	28.6	19.4	✓	N/A
7/L3	Sub Mains(DB CL4/7-2, DB CL4/7, DB CL4/7-1)	A	B	9	2x2.5	2x1.5	5	61009 RCD/RCBO	C	32	10	30	0.54	0.35	0.35	0.48	✓	0.21	N/A	250	LIM	>299	✓	0.37	28.6	22.4	✓	N/A
8/L3	Sub Mains(DB CL4/8-1, DB CL4/8)	A	B	6	2x2.5	2x1.5	5	61009 RCD/RCBO	C	32	10	30	0.54	0.30	0.27	0.37	✓	0.17	N/A	250	LIM	>299	✓	0.32	28.6	18.7	✓	N/A
9/L3	Sub Mains(DB CL4/9-2, DB CL4/9, DB CL4/9-1)	A	B	9	2x2.5	2x1.5	5	61009 RCD/RCBO	C	32	10	30	0.54	0.38	0.37	0.49	✓	0.22	N/A	250	LIM	>299	✓	0.40	28.7	18.6	✓	N/A
10/L3	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/L3	Kitchen Ring Main 1	A	B	5	2x2.5	2x1.5	0.4	61009 RCD/	C	32	10	30	0.54	0.30	0.35	0.42	✓	0.18	N/A	250	LIM	>299	✓	0.38	28.6	19.5	✓	N/A
12/L3	Kitchen Ring Main 2	A	B	1	2x2.5	2x1.5	0.4	61009 RCD/	C	32	10	30	0.54	0.37	0.37	0.45	N/A	0.21	N/A	250	LIM	>299	✓	0.35	28.6	22.4	✓	N/A
13/L3	Hob 1	A	B	1	6	2.5	0.4	61009 RCD/	C	32	10	30	0.54	N/A	N/A	N/A	N/A	0.10	N/A	250	LIM	>299	✓	0.18	28.7	18.7	✓	N/A
14/L3	Hob 2	A	E	1	6	2.5	0.4	61009 RCD/	C	32	10	30	0.54	N/A	N/A	N/A	N/A	0.04	N/A	250	LIM	>299	✓	0.19	28.7	22.4	✓	N/A
15/L3	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
16/L3	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

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

Date(s) dead testing: 11/07/2022 To 11/07/2022

Date(s) live testing: 11/07/2022 To 11/07/2022

Tested by: Name (capital letters): LIAM KIMBLE Position: Electrical Test Engineer Date: 11/07/2022

Signature

Wiring Types. **A** PVC/PVC, **B** PVC cables in metallic Conduit, **C** PVC cables in non-metallic Conduit, **D** PVC cables in metallic trunking, **E** PVC cables in non-metallic trunking, **F** PVC/SWA cables, **G** SWA/XPLE cables, **H** Mineral Insulated, **MW** Metal Work, **FM** Ferrous Metal, **O** Other

ELECTRICAL INSTALLATION CONDITION REPORT - Schedule of Tests

FT/ EICR 110147629

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

phs Compliance

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

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

Date(s) dead testing 11/07/2022 To 11/07/2022

Date(s) live testing 11/07/2022 To 11/07/2022

Tested by: Name (capital letters) LIAM KIMBLE

Position Electrical Test Engineer

Date 11/07/2022

Signature

Wiring Types. **A** PVC/PVC, **B** PVC cables in metallic Conduit, **C** PVC cables in non-metallic Conduit, **D** PVC cables in metallic trunking, **E** PVC cables in non-metallic trunking, **F** PVC/SWA cables, **G** SWA/XPLE cables, **H** Mineral Insulated, **MW** Metal Work, **FM** Ferrous Metal, **O** Other

ELECTRICAL INSTALLATION CONDITION REPORT - Schedule of Tests

FT/EICR: 110147629

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

phs Compliance

Company Name	PHS Compliance	**Company Address**	Kid Glove Road	**Postcode**	WA3 3GR	**Branch No.**		**Scheme No.**	
Client	UPP Residential Services Ltd	**Installation Address**	Swansea University Bay Campus - Elinor 14, Reception - Ground Floor Tower Information Centre, Fabian Way, Crymlyn Burrows, Swansea	**Postcode**	SA1 8EN				

Distribution board details - Complete in every case

Location: Room 1 Riser 6TH Floor [Schneider]
Designation: DB CL7/6
Num. of ways: 4 Num. of phases: 1
Supply polarity confirmed: ☑ Phase sequence confirmed: ☐

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

Supply to distribution board is from: Sub Mains(DB CL7, 6/L3)
Overcurrent protective device for the distribution circuit: BS(EN) 61009 RCD/RCBO Type C Rating 32 A Voltage 230 V

Characteristics at this distribution board

Associated RCD(if any): BS (EN) 61009
Z_d 0.32 Ω No. of poles 2
I_{pf} 0.72 kA IΔn 30
Time delay (if applicable) N/A
Above 30mA (if applicable): Operating at 1 IΔn 28.6 ms
30mA or below: Operating at 5 IΔn 28.9 ms

Test instrument serial number(s)

Loop impedance: 080408/5657
Insulation resistance: 080408/5657
Continuity: 080408/5657
RCD: 080408/5657

CIRCUIT DETAILS / TEST RESULTS

Circuit No. and Line No.	Distribution board Designation / Circuit designation	Type of wiring	Ref. method	No. of points	Circuit conductors csa (mm²) L / N	Circuit conductors csa (mm²) CPC	Maximum disconnection	Overcurrent protective devices BS EN Number	Overcurrent protective devices Type No.	Overcurrent protective devices Rating (A)	Breaking capacity (KA)	RCD operating (mA)	BS 7671 Max. permitted Zs Other 80% (Ω)	Circuit impedance Ω Ring final circuits only (measured end-to-end) r1	rn	r2	Fig 8 check (✓)	All circuits to be completed using R1R2 or R2, not both R1 + R2	R2	Insulation resistance (Record lower reading) Test voltage V	L/L, L/N M(Ω)	L/E, N/E M(Ω)	Polarity (✓)	Max. Measured Zs (Ω)	RCD testing Above 30mA IΔn ms	RCD testing 30mA or below 5 IΔn ms	Manual test button operation RCD (✓)	Manual test button operation AFDD (✓)
1/L3	Room 1 Sockets	A	B	6	2.5	1.5	0.4	60898 MCB	B	10	6	N/A	3.49	N/A	N/A	N/A	N/A	0.10	N/A	250	LIM	>299	✓	0.43	N/A	N/A	N/A	N/A
2/L3	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
3/L3	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
4/L3	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Details of circuits and/or installed equipment vulnerable to damage when testing: Date(s) dead testing 11/07/2022 To 11/07/2022 Date(s) live testing 11/07/2022 To 11/07/2022

Tested by: Name (capital letters) LIAM KIMBLE Position Electrical Test Engineer Date 11/07/2022 Signature

Wiring Types. **A** PVC/PVC, **B** PVC cables in metallic Conduit, **C** PVC cables in non-metallic Conduit, **D** PVC cables in metallic trunking, **E** PVC cables in non-metallic trunking, **F** PVC/SWA cables, **G** SWA/XPLE cables, **H** Mineral Insulated, **MW** Metal Work, **FM** Ferrous Metal, **O** Other

Generic Continuation

General Conditions of the Electrical Installation:
The service head, meter and supply authority fuse are in the mains room located on the ground floor

Main Earthing Arrangements
The Main Earthing arrangement for the installation appears to be TN-C-S.

Incoming Services
The main incoming water supply appears to enter the property in the mains room of the installation. The main bond is a 50mm copper conductor with warning labels attached.
The main incoming gas supply appears to enter the property riser.
The main bond is a 50mm copper conductor with warning labels attached.

Wiring Systems.
The wiring systems utilized for final circuit wiring in the installation are PVC/PVC T&E cable (A)
Installation methods used are clipped direct or in trunking on the wall.
The final circuits are protected by BS60898MCB's as well as a BS 61009MCBs and also 60947-2MCCBs feeding breakers;

Observation notes
All information and documentation (where available) were used to help compile this report.
Circuit charts should be present for each Distribution Board providing relevant information in accordance with Regulation 514.9.1 of the BS 7671:2018.
On the distribution board schedules of circuit details cable types and sizes have been typed in as what is visible at the distribution board only.
Circuits may have been jointed with a different cable type further along the circuit
Only a percentage of the installation has been dismantled for inspection purposes. The correct connection of every conductor and link throughout the premises cannot be ensured.

Additional Comments
No access to sealed supply authority fuses therefore Characteristics of Primary Supply Protective Devices are not filled in on page 2.
A new regulation 421.1.7 has been introduced recommending the installation of Arc Fault detection devices conforming to BS EN 62606 to mitigate the risk of fire in AC final circuits of a fixed installation due to arc fault currents.
This installation has been designed and installed prior to July 2018.There is no evidence of
Over-voltage protection within the electrical installation, we recommend Surge Protective Devices be installed in order to reduce the risk of damage to the installation by external transient
Over-voltage's or switching.

Overall Assessment
In general, the installation is in a good condition but is Unsatisfactory due to the C2, F/I defects in section K, which require urgent action, with the code 3 observations requiring early attention. Assuming attention is brought to the observations and recommendations listed within section K, it is recommended a maximum 5-year period for the next inspection and test to be carried out.

Abbreviations contained in this Report: -
RHS – Right Hand Side
LHS – Left Hand Side
D/B - Distribution board.
RCD - Residual current device.
CPC - Circuit protective conductor.
FCU – Fused Connection Unit.
CSA - Cross Sectional Area.
MET – Main Earthing Terminal.
LIM – Limitation (Agreed or Operational)
MIC – Sheath of MICC cable used as CPC
SWA – Steel Wire Armouring used as CPC
MW – Metalwork used as CPC.
FP – FP200 Fire Resistant Cable.

Remarks:

DB Mech Panel Remarks:
1/L1 - Press Unit: O=YY
1/L2 - Boiler 1: O=YY
1/L3 - Boiler 2: O=YY
2/L1 - VT Pump: O=YY
2/L2 - Heater 1: O=YY
2/L3 - Heater 2: O=YY
3/L1 - VT Pump 2: O=YY
3/L2 - Sec Pump: O=YY

Membership number: 1671987

This certificate is not valid if the serial number has been defaced or altered **MW/ 12398**

DRS Facilities Management

ECA Excellence in Electrotechnical & Engineering Services

MINOR ELECTRICAL INSTALLATION WORKS CERTIFICATE

(Requirements for Electrical Installations - BS 7671 [IET Wiring Regulations])

To be used only for minor electrical work which does not include the provision of a new circuit

PART 1: Description of the minor works

1. Details of the Client UPP Residential Services Ltd (Swansea) Date minor works completed 17/01/2023
2. Installation location/address UPP Residential Services LimitedTower Information CentreFabian Way, Crymlyn Burrows,
3. Description of the minor works PROJECT OVERVIEW UPP remedial works. Elinor block
4. Details of departures, if any, from BS 7671:2018 for the circuit altered or extended (Regulation 120.3, 133.1.3, 133.5):
   None
5. Comments on (including any defects observed in) the existing installation (Regulation 644.1.2):
   End of circuit not found. Rcbo retested at board as apparently failed rcd trip times

Where applicable a suitable risk assessment(s) must be attached to this Certificate
Risk assessment attached ☐

PART 2: Presence and adequacy of installation earthing and bonding arrangements (Regulation 132.16)

1. System earthing arrangement TN-S ☐ TN-C-S ☑ TT ☐
2. Earth fault loop impedance at distribution board (Z_{db}) supplying the final circuit 0.09 Ω
3. Presence of adequate main protective conductors: Earthing conductor ☑
   Main protective bonding conductor(s) to: Water ☑ Gas ☑ Oil ☐ Structural steel ☐ Other Lightning ☑

PART 3: Circuit details

DB Reference No: DB LL1-P
DB Location and type: Elinor block. Ground floor mains room. 3phase
Circuit No: DB 3L2
Circuit description: Door access control
Circuit overcurrent protective device: BS(EN) 61009 Type C Rating 16 A
Conductor sizes: Live 2.5 mm² cpc 1.5 mm²

PART 4: Test results for the circuit altered or extended (where relevant and practicable)

Protective conductor continuity: $R_1 + R_2$ Lim Ω or R_2 Lim Ω
Continuity of ring final circuit conductors: L/L N/a Ω N/N N/a Ω cpc/cpc N/a Ω
Insulation resistance: Live - Live Lim MΩ Live - Earth >200 MΩ
Polarity satisfactory: ☑ Maximum measured earth fault loop impedance: Z_s Lim Ω
RCD operation: Rated residual operating current ($I_{\Delta n}$) 30 mA
Disconnection time at $I_{\Delta n}$ 39 ms Disconnection time at $5I_{\Delta n}$ 29 ms Satisfactory test button operation ☑

PART 5: Declaration

I certify that the work covered by this certificate does not impair the safety of the existing installation and the work has been designed, constructed, inspected and tested in accordance with BS 7671:2018 (IET Wiring Regulations) amended to 2022 (date) and that to the best of my knowledge and belief, at the time of my inspection, complied with BS 7671 except as detailed in Part 1 above.

Name: James Griffiths Signature: Date: 17/01/2023
For and on behalf of: DRS FM Services Ltd Position: Approved electrician
Address: Phoenix House, Llys Felin NewyddEnterprise Park, Swansea SA7 9FG

MINOR ELECTRICAL INSTALLATION WORKS CERTIFICATE

Notes for the person producing the Certificate:

The Minor Electrical Installation Works Certificate is intended to be used for additions and alterations to an installation that do not extend to the provision of a new circuit. Examples include the addition of socket-outlets or lighting points to an existing circuit, the relocation of a light switch etc. This Certificate may also be used for the replacement of equipment such as accessories or luminaires, but not for the replacement of distribution boards or similar items. Appropriate inspection and testing, however, should always be carried out irrespective of the extent of work undertaken.

Guidance for Recipients (to be appended to the Certificate)

This Certificate has been issued to confirm that the electrical installation work to which it relates has been designed, constructed, inspected and tested in accordance with British Standard 7671 (the IET Wiring Regulations).

You should have received an 'original' Certificate and the contractor should have retained a duplicate. If you were the person ordering the work, but not the owner of the installation, you should pass this Certificate, or a copy of it, to the owner. A separate Certificate should have been received for each existing circuit on which minor works have been carried out. This Certificate is not appropriate if you requested the contractor to undertake more extensive installation work, for which you should have received an Electrical Installation Certificate.

The Certificate should be retained in a safe place and be shown to any person inspecting or undertaking further work on the electrical installation in the future. If you later vacate the property, this Certificate will demonstrate to the new owner that the minor electrical installation work carried out complied with the requirements of British Standard 7671 at the time the Certificate was issued.

Membership number: 1671987

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Elinor broken earth pin on socket.

Replaced by the sight team.

Elinor unprotected single 35mm cable behind control box.

There is no current carrying cable of any size behind the control box as these are all data cables including the lift communications coaxial cable to the roof antenna.