

# **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).

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.

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

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.

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 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.

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).

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.

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**

T/EICR 110149905



etails of the	Installation		
Client	UPP Residential Services Ltd	Installation	Swansea University Bay Campus - Nanhyfe 12
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
eason for Pr	oducing this Report This form is to b	pe used only for reporting on the condition	of an existing installation.
	nation requested by the client in accordance wi		
Date(s) on whic	h the inspection and testing were carried out	06/07/2022 to 08/07/2022	
etails of Inst	allation which is the Subject of this	Report	
Description of p	remises Domestic Commercial	Industrial Other (please spo	ecify)
Estimated age of	of the wiring system 10	years	
Evidence of alte	erations or addition Yes No	Not apparent if 'Yes', estimated	years
Records of insta	allation available Yes No	Records held by	
Date of last insp	pection Not Known Elect	rical Installation Certificate No. or previous Inspec	ction Report No.
A muse of Limited	tions and Operational Limitations (Regulation	052 Q)	
Unable to acce		and lpf have been taken as close to the origin as	s possible. Insulation resistance testing has been carried
Agreed with:	Grant Adams		
	and testing detailed within this report and according	companying schedule has been carried out in ac	ccordance with BS 7671: 2018 (IET Wiring Regulations
			abric of the building or underground have NOT been inspected coessible roof space housing other electrical equipment.
ummary of th	ne Condition of the Installation		
Conoral conditi	ons of the installation (in terms of electrical saf		
		The Main Supply is located in the Ground Floor I	Mains Room. Main Earthing arrangement for the installation
Installation Det	ailsThe installation approximately 10 years old INCSPlease see Continuation Page		
Installation Deta			SATISFACTORY *UNSATISFACTORY
Installation Detappears to be 7 Overall assessr	FNCSPlease see Continuation Page ment of the installation in terms of its suitability	for continued use	SATISFACTORY *UNSATISFACTORY ther investigation (code FI) conditions have been identified

# **ELECTRICAL INSTALLATION CONDITION REPORT**

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above, having exe	son(s) responsible for the inspection and testing of troised reasonable skill and care when carrying out		allation (as indicated by my/our signature		
of this report.	chedules, provides an accurate assessment of the		d testing hereby declare that the informat	ion in this report, including the obse	rvations
Company	PHS Compliance		Inspected and tested by	Authorised for issue by	
Company	1 110 compliance	Name:	Tre Lever	Michael Pulley	
Address	Kid Glove Road, Golborne, Warrington,	Signature:	Anstal ?	Wiorder Fulley	
Postcode	WA3 3GR		-10/4		
Branch No.		Position:	Electrical Test Engineer	FW Service Manager	
Scheme No.		Date:	06/07/2022	23/08/2022	
	EICRs are produced by a UI	KAS accred	lited inspection body, No.	0433	
H. Schedule(s)					
1 schedule(s)	of inspection and 18 schedule(s) of test results	are attached.			
The attached sche	dule(s) are part of this document and this report is	alid only when t	nev are attached to it.		
	., .		, 4.0 4.145		
	ristics and Earthing Arrangements	_	_		
Earthin	g Arrangements TN-S TN-C-S T	Γ Other	Please specify		
Number & Type or	f live conductors AC 🗸 DC No. of pl	nases 3	No. of wires 4		
Nature of Supply	Parameters (Note: (1) by enquiry, (2) by enquiry		· —		_
Nomir	nal voltage, U/U <sub>0</sub> <sup>(1)</sup> 400 v	Nominal	frequency, f <sup>(1)</sup> 50 H <sub>z</sub>	Confirmation of supply polari	ty 🔽
Prospective	fault current, I <sub>pf</sub> (2) 4.40 kA	External loop im	pedance, $Z_e^{(2)}$ 0.11 $\Omega$		
•	1.10	·			
Supply Protect	ive Device BS (EN) LIM Ty	oe LIM	Rated Current LIM A		
No. of Additional S		2	Tales Carreit Zim /		
J. Particulars of Ins	stallation Referred to in this Report		Means of Earthin	g	
Details of installa	tion Earth Electrode (where applicable) Type (e	.g. rod(s), tape e	tc) Distributors		
Location	Flectrode			facility Installation Earth Electr	ode
	Liectiode	resistance to ea			rode
M		e resistance to ea	Ω Maximum Demand (✓) or Value	(load) LIM Amps ( $\checkmark$ ) or V	KVA 🗌
	ain Protective Conductors Material c Earthing Conductor Copper 95	sa mm²	Ω Maximum Demand (✓) or Value  Continuity Verified	(load) LIM Amps (✓) or V	KVA Π
	ain Protective Conductors Material conductor Earthing Conductor Copper 95 otective Bonding Conductor Copper 50	sa	Ω Maximum Demand (✓) or Value	(load) LIM Amps ( $\checkmark$ ) or V	KVA
Pi	ain Protective Conductors Material c  Earthing Conductor Copper 95  otective Bonding Conductor Copper 50  Material csa	mm² mm²	O Maximum Demand  (✓) or Value  Continuity Verified  Continuity Verified	(load) LIM Amps (✓) or Volume	KVA Ω
Pi Main Supply Cond	Earthing Conductor Copper 95 otective Bonding Conductor Copper 50  Material csa  Copper 185 mm²	mm² mm²	O Maximum Demand  (✓) or Value  Continuity Verified  Continuity Verified  Connection / continuity)  (✓) or Value	(load) LIM Amps (✓) or Volume	KVA Ω alue Ω Ω
Pi Main Supply Cond Main Switch Loca	Earthing Conductor   Copper   95	mm² mm²	O Maximum Demand  (✓) or Value  Continuity Verified  Continuity Verified  Connection / continuity)  Water installation	(load) LIM Amps (✓) or V Ω Connection Verified ✓ Ω Connection Verified ✓ Ω To structural steel MA	KVA Ω alue Ω Ω Value Ω
Poly Main Supply Cond Main Switch Loca Fuse/device rating	Earthing Conductor   Copper   95	mm² mm²	O Maximum Demand  (✓) or Value  Continuity Verified  Continuity Verified  Continuity Verified  Water installation  Gas installation pipes	(load) LIM Amps (✓) or V.  Ω Connection Verified ✓ Ω Connection Verified ✓ Ω To structural steel MA Ω To lightning protection MA	KVA Ω alue Ω Ω Value Ω Ω
Main Supply Cond Main Switch Loca Fuse/device rating If RCD main switch	Earthing Conductor Earthing Conductor Copper 95  otective Bonding Conductor Copper 50  Material csa  uctor Copper 185 mm²  tition DB/M mm²  or setting 400 A Voltage rating 400  Rated residual operating current I Δn NA	mm² mm² V mA	O Maximum Demand  (✓) or Value  Continuity Verified  Continuity Verified  Continuity Verified  Water installation  Gas installation pipes  Oil installation pipes  NA	(load) LIM Amps (✓) or V  Ω Connection Verified ✓ Ω Connection Verified ✓ Ω To structural steel MA Ω To lightning protection MA Ω Other MA	KVA Ω α α α α α α α α α α α α α α α α α α
Poly Main Supply Cond Main Switch Loca Fuse/device rating	Earthing Conductor   Copper   95	mm² mm² V mA	O Maximum Demand  (✓) or Value  Continuity Verified  Continuity Verified  Continuity Verified  Water installation  Gas installation pipes  Oil installation pipes  NA	(load) LIM Amps (✓) or V.  Ω Connection Verified ✓ Ω Connection Verified ✓ Ω To structural steel MA Ω To lightning protection MA	KVA Ω alue Ω Ω Value Ω Ω
Main Supply Cond Main Switch Loca Fuse/device rating If RCD main switch BS(EN) 60947-3	Earthing Conductor Earthing Conductor Copper 95  otective Bonding Conductor Copper 50  Material csa  uctor Copper 185 mm²  tition DB/M mm²  or setting 400 A Voltage rating 400  Rated residual operating current I Δn NA	mm² mm² V mA	O Maximum Demand  (✓) or Value  Continuity Verified  Continuity Verified  Continuity Verified  Water installation  Gas installation pipes  Oil installation pipes  NA	(load) LIM Amps (✓) or V  Ω Connection Verified ✓ Ω Connection Verified ✓ Ω To structural steel MA Ω To lightning protection MA Ω Other MA	KVA Ω α α α α α α α α α α α α α α α α α α
Main Supply Cond Main Switch Loca Fuse/device rating If RCD main switch BS(EN) 60947-3 K. Observations	Earthing Conductor Copper 95 otective Bonding Conductor Copper 50  Material csa uctor Copper 185 mm² ution DB/M mm² or setting 400 A Voltage rating 400  Rated residual operating current I Δn NA  No. of Poles 4 Current Rating 400	mm² mm² (0	O Maximum Demand  (✓) or Value  Continuity Verified  Continuity Verified  Continuity Verified  Continuity Verified  Continuity Verified  Continuity Verified  V  Connection / continuity)  Water installation  Gas installation pipes  NA  Oil installation pipes  NA  Explanation of codes	(load) LIM Amps (✓) or V:  Ω Connection Verified ✓ Ω Connection Verified ✓ Ω To structural steel NA Ω To lightning protection NA Ω Other NA  Measured operating trip time NA	KVA Ω alue Ω Ω Ω Value Ω Ω Ω ms
Main Supply Cond Main Switch Loca Fuse/device rating If RCD main switch BS(EN) 60947-3 K. Observations	Earthing Conductor Copper 95 otective Bonding Conductor Copper 50  Material csa uctor Copper 185 mm² or setting 400 A Voltage rating 400 I: Rated residual operating current I Δn NA  No. of Poles 4 Current Rating 400  tached schedule of inspection and test results, and	mm² mm² (0	O Maximum Demand  (✓) or Value  Continuity Verified  Continuity Verified  Continuity Verified  Connection / continuity)  Water installation  Gas installation pipes  Oil installation pipes  NA  Explanation of codes  Danger present. Risk	(load) LIM Amps (γ) or Vi Ω Connection Verified (γ) Ω Connection Verified (γ) Ω To structural steel MA Ω To lightning protection MA Ω Other MA  deasured operating trip time NA	KVA Ω alue Ω Ω Ω Value Ω Ω Ω ms
Main Supply Cond Main Switch Loca Fuse/device rating If RCD main switch BS(EN) 60947-3  K. Observations	Earthing Conductor Copper 95 otective Bonding Conductor Copper 50  Material csa uctor Copper 185 mm² or setting 400 A Voltage rating 400 I: Rated residual operating current I Δn NA  No. of Poles 4 Current Rating 400  tached schedule of inspection and test results, and	mm² mm² (0	O Maximum Demand  (✓) or Value  Continuity Verified  Continuity Verified  Continuity Verified  Connection / continuity)  Water installation  Gas installation pipes  Oil installation pipes  NA  Explanation of codes  Danger present. Risk	(load) LIM Amps (✓) or V:  Ω Connection Verified ✓ Ω Connection Verified ✓ Ω To structural steel NA Ω To lightning protection NA Ω Other NA  Measured operating trip time NA	KVA Ω alue Ω Ω Ω Value Ω Ω Ω ms
Main Supply Cond Main Switch Loca Fuse/device rating If RCD main switch BS(EN) 60947-3  K. Observations  Referring to the at limitations at Sect	Earthing Conductor Copper 95 otective Bonding Conductor Copper 50  Material csa uctor Copper 185 mm² or setting 400 A Voltage rating 400 I: Rated residual operating current I Δn NA  No. of Poles 4 Current Rating 400  tached schedule of inspection and test results, and	mm² mm² (0	O Maximum Demand  (✓) or Value  Continuity Verified  Continuity Verified  Continuity Verified  Connection / continuity)  Water installation  Gas installation pipes  Oil installation pipes  NA  Explanation of codes  Danger present. Risk	(load) LIM Amps (✓) or V:  Ω Connection Verified ✓ (✓) or V:  Ω Connection Verified ✓ (✓) or V:  Ω To structural steel NA (✓) or Ω Ω To structural steel NA (✓) or Ω Ω To lightning protection NA (✓) or Ω Ω Other (✓) or Ω Ω To lightning protection NA (✓) or Ω Ω Other (✓) or V:  Ω To structural steel NA (✓) or Ω Ω To lightning protection NA (✓) or Ω Ω Other (✓) or V:  Ω To structural steel NA (✓) or Ω Ω To lightning protection NA (✓) or Ω Ω Other (✓) or V: Ω O	KVA Ω alue Ω Ω Ω Value Ω Ω Ω ms
Main Supply Cond Main Switch Loca Fuse/device rating If RCD main switch BS(EN) 60947-3  K. Observations  Referring to the all limitations at Sect	Earthing Conductor Earthing Conductor Copper 95  Totective Bonding Conductor Copper 50  Material csa  Luctor Copper 185 mm²  Ition DB/M mm²  or setting 400 A Voltage rating 400  Rated residual operating current I Δn NA  No. of Poles 4 Current Rating 400  tached schedule of inspection and test results, and ion D.	mm² mm² (0	Ontinuity Verified Continuity Verified Continuity Verified Continuity Verified Continuity Verified Continuity Verified Connection / continuity) Water installation Gas installation pipes Oil installation pipes NA  Explanation of codes  Danger present. Risk Potentially dangerous Improvement recomm	(load) LIM Amps (✓) or V:  Ω Connection Verified ✓ (✓) or V:  Ω Connection Verified ✓ (✓) or V:  Ω To structural steel NA (✓) or Ω Ω To structural steel NA (✓) or Ω Ω To lightning protection NA (✓) or Ω Ω Other (✓) or Ω Ω To lightning protection NA (✓) or Ω Ω Other (✓) or V:  Ω To structural steel NA (✓) or Ω Ω To lightning protection NA (✓) or Ω Ω Other (✓) or V:  Ω To structural steel NA (✓) or Ω Ω To lightning protection NA (✓) or Ω Ω Other (✓) or V: Ω O	KVA Ω alue Ω Ω Ω Value Ω Ω Ω ms
Main Supply Cond Main Switch Loca Fuse/device rating If RCD main switch BS(EN) 60947-3  K. Observations  Referring to the all limitations at Sect	Earthing Conductor Earthing Conductor Copper 95  otective Bonding Conductor Copper 50  Material csa  uctor Copper 185 mm²  tition DB/M mm²  or setting 400 A Voltage rating 400  Rated residual operating current I Δn NA  No. of Poles 4 Current Rating 400  tached schedule of inspection and test results, and ion D.  work required globservations are made	mm² mm² (0	Ontinuity Verified Continuity Verified Continuity Verified Continuity Verified Continuity Verified Continuity Verified Connection / continuity) Water installation Gas installation pipes Oil installation pipes NA  Explanation of codes  Danger present. Risk Potentially dangerous Improvement recomm	(load) LIM Amps (γ) or V:  Ω Connection Verified (γ) Ω Connection Verified (γ) Ω To structural steel MA Ω To lightning protection MA Ω Other MA  deasured operating trip time NA  to of Injury. Immediate remedial action reduced.	KVA Ω alue Ω Ω Ω Value Ω Ω Ω ms
Main Supply Cond Main Switch Loca Fuse/device rating If RCD main switch BS(EN) 60947-3  K. Observations  Referring to the allimitations at Sect No remedial  Image: No remedial color of the section of t	Earthing Conductor Earthing Conductor Copper 95  otective Bonding Conductor Copper 50  Material csa  uctor Copper 185 mm²  tition DB/M mm²  or setting 400 A Voltage rating 400  Rated residual operating current I Δn NA  No. of Poles 4 Current Rating 400  tached schedule of inspection and test results, and ion D.  work required globservations are made	mm² mm² ((	And Animum Demand  (✓) or Value  Continuity Verified  Continuity Verified  Continuity Verified  Connection / continuity)  Water installation  Gas installation pipes  Oil installation pipes  NA  Explanation of codes  Danger present. Risk  Potentially dangerous  Improvement recommand	(load) LIM Amps (γ) or V:  Ω Connection Verified (γ) Ω Connection Verified (γ) Ω To structural steel MA Ω To lightning protection MA Ω Other MA  deasured operating trip time NA  to of Injury. Immediate remedial action reduced.	KVA Πalue Ω Ω  Value Ω Ω Ω  ms

# **ELECTRICAL INSTALLATION CONDITION REPORT**

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One of the following codes, as appropriate, has been allocated to each of the obsen- responsible for the installation the degree of urgency for remedial action.	rations made above and/or any attached observation sheets to indicate to the person(s)
Danger present. Risk of Injury. Immediate remedial action required.	
o Potentially dangerous. Urgent remedial action required.	1
Improvement recommended.	
Further Investigation required without delay	2

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Οι	utcomes						
	Acceptable condition:	Unacceptable condition: State	Improvement recommended:	Further Investigation:	Not Verified:	Limitation:	Not Applicable:
		or 🙋	<b>3</b>	(FI)	NV	A	N/A

<u> </u>	or (	2	3		NV		(N/A)	
m No.	Description							Outcon
	al Condition Of Intake				Vhere inadequacies	s are encountered,	it is recommended	that the
rson ord	ering the report infor	ms the appro	priate au	ıthority				
1.1	Service cable							
1.2	Service head							
1.3	Earthing arrangemer	nt						
1.4	Meter tails							
1.5	Metering equipment							
1.6	Isolator (where prese							
	Or Switched Alterna			<u> </u>				
2.1	Adequate arrangeme						oly (551.6)	NA NA
2.2	Adequate arrangeme		enerating	g set operates in p	parallel with the publ	ic supply (551.7)		NA NA
	atic Disconnection Of		. (444.0					
3.1	Main earthing/bondir							
3.1.1	Presence of distribut			•				
3.1.2	Presence of installati			•	2.3)			NA NA
3.1.3	Adequacy of earthing			•				
3.1.4	Adequacy of earthing							
3.1.5	Accessibility of earth							<u> </u>
3.1.6	Adequacy of main pr					0.544.4.0		<u> </u>
3.1.7	Adequacy and location				connections (543.3.	2; 544.1.2)		
3.1.8	Accessibility of all pro				(544.40)			
3.1.9	Provision of earthing				ns (514.13)			
3.2	FELV - requirements	· · · · · · · · · · · · · · · · · · ·						
	Methods Of Protection		of the mo	ethods listed be	low are employed o	letails should be p	rovided on separate	
4.1	Non-conducting loca							
4.2	Earth-free local equip		<u> </u>	2)				
4.3	Electrical separation	`	418.3)					
4.4	Double insulation (Se		<u> </u>					
4.5	Reinforced insulation	1 (Section 412	)					
	ution Equipment	, anaca/aacaa	aibility to	aguinment (122 1	O. E12.1)			
5.1	Adequacy of working		Sibility to t	equipment (132.1	2, 313.1)			
5.3	Security of fixing (13-		(416.1)					
5.4	Adequacy/security of	•	, ,					
5.5	<del></del>	,		og ete (416.2)				
5.6	Condition of enclosu				121 1 201: 526 5)			
5.7	Condition of enclosu  Enclosure not damage							
5.8	Presence and effecti			. , ,				
5.9	Presence of main sw				62 1 201· 462 2\			
5.10	Operation of main sw				02.1.201, 402.2)			
5.11	Manual operation of	. , ,		, , ,	connection (643 10)			
5.12	Confirmation that inte						(643.10)	
5.13	RCD(s) provided for						(5.5.10)	Š
5.14	RCD(s) provided for						3· 415 1)	
5.15	Presence of RCD six						-,,	
5.16	Presence of diagram							
5.17	Presence of non-star						(514 14)	
5.18	Presence of alternati						/	Š
5.19	Presence of next ins				·	(0 0)		
5.2	Presence of other re-			·	,			Ž
	Compatibility of prote	•				ating (no signs of u	nacceptable thermal	
5.21	damage, arcing or ov							
5.22	Single-pole switching							<b>2</b>
5.23	Protection against m	-				,		
5.25			lage wile	ic cabics criter co	quipinioni (022.0.1, 0	LL.0.0, OLL.0.11,		

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<b>~</b> 4	ution Circuits	
6.1	Identification of conductors (514.3.1)	
6.2	Cables correctly supported throughout their run (521.10.202; 522.8.5)	
6.3	Condition of insulation of live parts (416.1)	<u> </u>
6.4	Non-sheathed cables protected by enclosure in conduit, ducting or trunking. Integrity of containment (521.10.1)	Q
6.5	Suitability of containment systems for continued use (including flexible conduit) (Section 522)	Q
6.6	Cables correctly terminated in enclosures (Section 526)	Q.
6.7	Confirmation that ALL conductor connections, including connections to busbars, are correctly located in terminals and are tight and secure (526.1)	Q
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)	
5.10	Adequacy of protective devices: type and rated current for fault protection (411.3)	
5.11	Presence and adequacy of circuit protective conductors (411.3.1.1; 543.1)	
5.12	Coordination between conductors and overload protective devices (433.1; 533.2.1)	
5.13	Cable installation methods/practices with regard to the type and nature of installation and external influences (Section 522)	Č
6.14	Where exposed to direct sunlight, cable of a suitable type (522.11.1)	O O
5.15	Cables concealed under floors, above ceilings, in walls/partitions less than 50 mm from a surface, and in partitions	~
45.4	containing metal parts	
.15.1	Installed in prescribed zones (see Section D. Extent and limitations) (522.6.202) or  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)	
5.16	Provision of fire barriers, sealing arrangements and protection against thermal effects (Section 527)	
6.10 6.17	Band II cables segregated/separated from Band I cables (528.1)	
	· · ·	
5.18	Cables segregated/separated from non-electrical services (528.3)	
3.19	Condition of circuit accessories (651.2)	<u> </u>
5.20	Suitability of circuit accessories for external influences (512.2)	
3.21	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)	
3.23	Presence, operation and correct location of appropriate devices for isolation and switching (Chapter 46; 537)	<u> </u>
3.24	General condition of wiring systems (651.2)	V
3.25	Temperature rating of cable insulation (522.1.1; Table 52.1)	
J.ZJ	Temperature rating of cable institution (322.1.1, Table 32.1)	$\sim$
	MER UNIT/DISTRIBUTION BOARD(S)	<u> </u>
CONSL		<u> </u>
<b>CONSL</b> 7.1	MER UNIT/DISTRIBUTION BOARD(S)	
7.1 7.2	MER UNIT/DISTRIBUTION BOARD(S)  Adequacy of working space/accessibility to consumer unit/distribution board (132.12; 513.1)  Security of fixing (134.1.1)	Q
	MER UNIT/DISTRIBUTION BOARD(S)  Adequacy of working space/accessibility to consumer unit/distribution board (132.12; 513.1)  Security of fixing (134.1.1)  Condition of enclosure(s) in terms of IP rating (Barriers etc) (416.2)	Ç
7.1 7.2 7.3 7.4	MER UNIT/DISTRIBUTION BOARD(S)  Adequacy of working space/accessibility to consumer unit/distribution board (132.12; 513.1)  Security of fixing (134.1.1)  Condition of enclosure(s) in terms of IP rating (Barriers etc) (416.2)  Condition of enclosure(s) in terms of fire rating etc (421.1.6; 421.1.201; 526.5)	<b>(</b>
7.1 7.2 7.3 7.4 7.5	MER UNIT/DISTRIBUTION BOARD(S)  Adequacy of working space/accessibility to consumer unit/distribution board (132.12; 513.1)  Security of fixing (134.1.1)  Condition of enclosure(s) in terms of IP rating (Barriers etc) (416.2)  Condition of enclosure(s) in terms of fire rating etc (421.1.6; 421.1.201; 526.5)  Enclosure/obstacles not damaged/deteriorated so as to impair safety (651.2)	
7.1 7.2 7.3 7.4 7.5	MER UNIT/DISTRIBUTION BOARD(S)  Adequacy of working space/accessibility to consumer unit/distribution board (132.12; 513.1)  Security of fixing (134.1.1)  Condition of enclosure(s) in terms of IP rating (Barriers etc) (416.2)  Condition of enclosure(s) in terms of fire rating etc (421.1.6; 421.1.201; 526.5)  Enclosure/obstacles not damaged/deteriorated so as to impair safety (651.2)  Presence and effectiveness of obstacles (417.2)	
7.1 7.2 7.3 7.4 7.5 7.5 7.6	MER UNIT/DISTRIBUTION BOARD(S)  Adequacy of working space/accessibility to consumer unit/distribution board (132.12; 513.1)  Security of fixing (134.1.1)  Condition of enclosure(s) in terms of IP rating (Barriers etc) (416.2)  Condition of enclosure(s) in terms of fire rating etc (421.1.6; 421.1.201; 526.5)  Enclosure/obstacles not damaged/deteriorated so as to impair safety (651.2)  Presence and effectiveness of obstacles (417.2)  Presence of main linked switch (as required by 462.1.201)	
7.1 7.2 7.3 7.4 7.5 7.5.1 7.6 7.7	MER UNIT/DISTRIBUTION BOARD(S)  Adequacy of working space/accessibility to consumer unit/distribution board (132.12; 513.1)  Security of fixing (134.1.1)  Condition of enclosure(s) in terms of IP rating (Barriers etc) (416.2)  Condition of enclosure(s) in terms of fire rating etc (421.1.6; 421.1.201; 526.5)  Enclosure/obstacles not damaged/deteriorated so as to impair safety (651.2)  Presence and effectiveness of obstacles (417.2)  Presence of main linked switch (as required by 462.1.201)  Operation of main switch (functional check) (643.10)	
7.1 7.2 7.3 7.4 7.5 7.5.1 7.6 7.7	MER UNIT/DISTRIBUTION BOARD(S)  Adequacy of working space/accessibility to consumer unit/distribution board (132.12; 513.1)  Security of fixing (134.1.1)  Condition of enclosure(s) in terms of IP rating (Barriers etc) (416.2)  Condition of enclosure(s) in terms of fire rating etc (421.1.6; 421.1.201; 526.5)  Enclosure/obstacles not damaged/deteriorated so as to impair safety (651.2)  Presence and effectiveness of obstacles (417.2)  Presence of main linked switch (as required by 462.1.201)  Operation of main switch (functional check) (643.10)  Manual operation of circuit-breakers and RCD(s) (test button) to prove disconnection (643.10)	
7.1 7.2 7.3 7.4 7.5 7.5.1 7.6 7.7 7.8	MER UNIT/DISTRIBUTION BOARD(S)  Adequacy of working space/accessibility to consumer unit/distribution board (132.12; 513.1)  Security of fixing (134.1.1)  Condition of enclosure(s) in terms of IP rating (Barriers etc) (416.2)  Condition of enclosure(s) in terms of fire rating etc (421.1.6; 421.1.201; 526.5)  Enclosure/obstacles not damaged/deteriorated so as to impair safety (651.2)  Presence and effectiveness of obstacles (417.2)  Presence of main linked switch (as required by 462.1.201)  Operation of main switch (functional check) (643.10)  Manual operation of circuit-breakers and RCD(s) (test button) to prove disconnection (643.10)  Correct identification of circuit details and protective devices (514.8.1; 514.9.1)	
7.1 7.2 7.3 7.4 7.5 7.5.1 7.6 7.7 7.8 7.9 7.10	MER UNIT/DISTRIBUTION BOARD(S)  Adequacy of working space/accessibility to consumer unit/distribution board (132.12; 513.1)  Security of fixing (134.1.1)  Condition of enclosure(s) in terms of IP rating (Barriers etc) (416.2)  Condition of enclosure(s) in terms of fire rating etc (421.1.6; 421.1.201; 526.5)  Enclosure/obstacles not damaged/deteriorated so as to impair safety (651.2)  Presence and effectiveness of obstacles (417.2)  Presence of main linked switch (as required by 462.1.201)  Operation of main switch (functional check) (643.10)  Manual operation of circuit-breakers and RCD(s) (test button) to prove disconnection (643.10)  Correct identification of circuit details and protective devices (514.8.1; 514.9.1)  Presence of RCD six-monthly test notice at or near consumer unit/distribution board (514.12.2)	
7.1 7.2 7.3 7.4 7.5 7.5 7.6 7.7 7.8 7.9 7.10 7.11	MER UNIT/DISTRIBUTION BOARD(S)  Adequacy of working space/accessibility to consumer unit/distribution board (132.12; 513.1)  Security of fixing (134.1.1)  Condition of enclosure(s) in terms of IP rating (Barriers etc) (416.2)  Condition of enclosure(s) in terms of fire rating etc (421.1.6; 421.1.201; 526.5)  Enclosure/obstacles not damaged/deteriorated so as to impair safety (651.2)  Presence and effectiveness of obstacles (417.2)  Presence of main linked switch (as required by 462.1.201)  Operation of main switch (functional check) (643.10)  Manual operation of circuit-breakers and RCD(s) (test button) to prove disconnection (643.10)  Correct identification of circuit details and protective devices (514.8.1; 514.9.1)  Presence of RCD six-monthly test notice at or near consumer unit/distribution board (514.12.2)  Presence of non-standard (mixed) cable colour warning notice at or near equipment, where required (514.14)	
7.1 7.2 7.3 7.4 7.5 7.5 7.6 7.7 7.8 7.9 7.10 7.11 7.12	MER UNIT/DISTRIBUTION BOARD(S)  Adequacy of working space/accessibility to consumer unit/distribution board (132.12; 513.1)  Security of fixing (134.1.1)  Condition of enclosure(s) in terms of IP rating (Barriers etc) (416.2)  Condition of enclosure(s) in terms of fire rating etc (421.1.6; 421.1.201; 526.5)  Enclosure/obstacles not damaged/deteriorated so as to impair safety (651.2)  Presence and effectiveness of obstacles (417.2)  Presence of main linked switch (as required by 462.1.201)  Operation of main switch (functional check) (643.10)  Manual operation of circuit-breakers and RCD(s) (test button) to prove disconnection (643.10)  Correct identification of circuit details and protective devices (514.8.1; 514.9.1)  Presence of RCD six-monthly test notice at or near consumer unit/distribution board (514.12.2)  Presence of alternative supply warning notice at or consumer unit/distribution board (514.15)	
7.1 7.2 7.3 7.4 7.5 7.5 7.6 7.7 7.8 7.9 7.10 7.11	MER UNIT/DISTRIBUTION BOARD(S)  Adequacy of working space/accessibility to consumer unit/distribution board (132.12; 513.1)  Security of fixing (134.1.1)  Condition of enclosure(s) in terms of IP rating (Barriers etc) (416.2)  Condition of enclosure(s) in terms of fire rating etc (421.1.6; 421.1.201; 526.5)  Enclosure/obstacles not damaged/deteriorated so as to impair safety (651.2)  Presence and effectiveness of obstacles (417.2)  Presence of main linked switch (as required by 462.1.201)  Operation of main switch (functional check) (643.10)  Manual operation of circuit-breakers and RCD(s) (test button) to prove disconnection (643.10)  Correct identification of circuit details and protective devices (514.8.1; 514.9.1)  Presence of RCD six-monthly test notice at or near consumer unit/distribution board (514.12.2)  Presence of non-standard (mixed) cable colour warning notice at or near equipment, where required (514.14)  Presence of other required labelling (Please specify) (Section 514)	
7.1 7.2 7.3 7.4 7.5 7.5.1 7.6 7.7 7.8 7.9 7.10 7.11 7.12 7.13 7.14	MER UNIT/DISTRIBUTION BOARD(S)  Adequacy of working space/accessibility to consumer unit/distribution board (132.12; 513.1)  Security of fixing (134.1.1)  Condition of enclosure(s) in terms of IP rating (Barriers etc) (416.2)  Condition of enclosure(s) in terms of fire rating etc (421.1.6; 421.1.201; 526.5)  Enclosure/obstacles not damaged/deteriorated so as to impair safety (651.2)  Presence and effectiveness of obstacles (417.2)  Presence of main linked switch (as required by 462.1.201)  Operation of main switch (functional check) (643.10)  Manual operation of circuit-breakers and RCD(s) (test button) to prove disconnection (643.10)  Correct identification of circuit details and protective devices (514.8.1; 514.9.1)  Presence of RCD six-monthly test notice at or near consumer unit/distribution board (514.12.2)  Presence of inon-standard (mixed) cable colour warning notice at or near equipment, where required (514.14)  Presence of other required labelling (Please specify) (Section 514)  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)	
7.1 7.2 7.3 7.4 7.5 7.5 7.6 7.7 7.8 7.9 7.10 7.11 7.12 7.13	MER UNIT/DISTRIBUTION BOARD(S)  Adequacy of working space/accessibility to consumer unit/distribution board (132.12; 513.1)  Security of fixing (134.1.1)  Condition of enclosure(s) in terms of IP rating (Barriers etc) (416.2)  Condition of enclosure(s) in terms of fire rating etc (421.1.6; 421.1.201; 526.5)  Enclosure/obstacles not damaged/deteriorated so as to impair safety (651.2)  Presence and effectiveness of obstacles (417.2)  Presence of main linked switch (as required by 462.1.201)  Operation of main switch (functional check) (643.10)  Manual operation of circuit-breakers and RCD(s) (test button) to prove disconnection (643.10)  Correct identification of circuit details and protective devices (514.8.1; 514.9.1)  Presence of RCD six-monthly test notice at or near consumer unit/distribution board (514.12.2)  Presence of alternative supply warning notice at or consumer unit/distribution board (514.15)  Presence of other required labelling (Please specify) (Section 514)  Compatibility of protective devices, bases and other components; correct type and rating (no signs of unacceptable thermal	
7.1 7.2 7.3 7.4 7.5 .5.1 7.6 7.7 7.8 7.9 7.10 7.11 7.12 7.13 7.14 7.15	MER UNIT/DISTRIBUTION BOARD(S)  Adequacy of working space/accessibility to consumer unit/distribution board (132.12; 513.1)  Security of fixing (134.1.1)  Condition of enclosure(s) in terms of IP rating (Barriers etc) (416.2)  Condition of enclosure(s) in terms of fire rating etc (421.1.6; 421.1.201; 526.5)  Enclosure/obstacles not damaged/deteriorated so as to impair safety (651.2)  Presence and effectiveness of obstacles (417.2)  Presence of main linked switch (as required by 462.1.201)  Operation of main switch (functional check) (643.10)  Manual operation of circuit-breakers and RCD(s) (test button) to prove disconnection (643.10)  Correct identification of circuit details and protective devices (514.8.1; 514.9.1)  Presence of RCD six-monthly test notice at or near consumer unit/distribution board (514.12.2)  Presence of inon-standard (mixed) cable colour warning notice at or near equipment, where required (514.14)  Presence of other required labelling (Please specify) (Section 514)  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)	
7.1 7.2 7.3 7.4 7.5 5.1 7.6 7.7 7.8 7.9 7.10 7.11 7.12 7.13 7.14 7.15 7.16 7.17	MER UNIT/DISTRIBUTION BOARD(S)  Adequacy of working space/accessibility to consumer unit/distribution board (132.12; 513.1)  Security of fixing (134.1.1)  Condition of enclosure(s) in terms of IP rating (Barriers etc) (416.2)  Condition of enclosure(s) in terms of fire rating etc (421.1.6; 421.1.201; 526.5)  Enclosure/obstacles not damaged/deteriorated so as to impair safety (651.2)  Presence and effectiveness of obstacles (417.2)  Presence of main linked switch (as required by 462.1.201)  Operation of main switch (functional check) (643.10)  Manual operation of circuit-breakers and RCD(s) (test button) to prove disconnection (643.10)  Correct identification of circuit details and protective devices (514.8.1; 514.9.1)  Presence of RCD six-monthly test notice at or near consumer unit/distribution board (514.12.2)  Presence of inon-standard (mixed) cable colour warning notice at or near equipment, where required (514.14)  Presence of other required labelling (Please specify) (Section 514)  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)  Single-pole switching or protective devices in line conductors only (132.14.1, 530.3.3)  Protection against mechanical damage where cables enter consumer unit/distribution board (132.14.1; 522.8.1; 522.8.5;	
7.1 7.2 7.3 7.4 7.5 5.1 7.6 7.7 7.8 7.9 7.10 7.11 7.12 7.13 7.14 7.15 7.16 7.17	MER UNIT/DISTRIBUTION BOARD(S)  Adequacy of working space/accessibility to consumer unit/distribution board (132.12; 513.1)  Security of fixing (134.1.1)  Condition of enclosure(s) in terms of IP rating (Barriers etc) (416.2)  Condition of enclosure(s) in terms of fire rating etc (421.1.6; 421.1.201; 526.5)  Enclosure/obstacles not damaged/deteriorated so as to impair safety (651.2)  Presence and effectiveness of obstacles (417.2)  Presence of main linked switch (as required by 462.1.201)  Operation of main switch (functional check) (643.10)  Manual operation of circuit-breakers and RCD(s) (test button) to prove disconnection (643.10)  Correct identification of circuit details and protective devices (514.8.1; 514.9.1)  Presence of RCD six-monthly test notice at or near consumer unit/distribution board (514.12.2)  Presence of alternative supply warning notice at or consumer unit/distribution board (514.15)  Presence of other required labelling (Please specify) (Section 514)  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)  Single-pole switching or protective devices in line conductors only (132.14.1, 530.3.3)  Protection against mechanical damage where cables enter consumer unit/distribution board (132.14.1; 522.8.1; 522.8.5; 522.8.11)	
7.1 7.2 7.3 7.4 7.5 7.5.1 7.6 7.7 7.8 7.9 7.10 7.11 7.12 7.13 7.14	MER UNIT/DISTRIBUTION BOARD(S)  Adequacy of working space/accessibility to consumer unit/distribution board (132.12; 513.1)  Security of fixing (134.1.1)  Condition of enclosure(s) in terms of IP rating (Barriers etc) (416.2)  Condition of enclosure(s) in terms of fire rating etc (421.1.6; 421.1.201; 526.5)  Enclosure/obstacles not damaged/deteriorated so as to impair safety (651.2)  Presence and effectiveness of obstacles (417.2)  Presence of main linked switch (as required by 462.1.201)  Operation of main switch (functional check) (643.10)  Manual operation of circuit-breakers and RCD(s) (test button) to prove disconnection (643.10)  Correct identification of circuit details and protective devices (514.8.1; 514.9.1)  Presence of RCD six-monthly test notice at or near consumer unit/distribution board (514.12.2)  Presence of inon-standard (mixed) cable colour warning notice at or near equipment, where required (514.14)  Presence of alternative supply warning notice at or consumer unit/distribution board (514.15)  Presence of other required labelling (Please specify) (Section 514)  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)  Single-pole switching or protective devices in line conductors only (132.14.1, 530.3.3)  Protection against mechanical damage where cables enter consumer unit/distribution board (132.14.1; 522.8.1; 522.8.5; 522.8.11)  Protection against electromagnetic effects where cables enter ferromagnetic enclosures (521.5.1)	
7.1 7.2 7.3 7.4 7.5 7.6 7.7 7.8 7.9 7.10 7.11 7.12 7.13 7.14 7.15 7.16 7.17 7.18	MER UNIT/DISTRIBUTION BOARD(S)  Adequacy of working space/accessibility to consumer unit/distribution board (132.12; 513.1)  Security of fixing (134.1.1)  Condition of enclosure(s) in terms of IP rating (Barriers etc) (416.2)  Condition of enclosure(s) in terms of fire rating etc (421.1.6; 421.1.201; 526.5)  Enclosure/obstacles not damaged/deteriorated so as to impair safety (651.2)  Presence and effectiveness of obstacles (417.2)  Presence of main linked switch (as required by 462.1.201)  Operation of main switch (functional check) (643.10)  Manual operation of circuit-breakers and RCD(s) (test button) to prove disconnection (643.10)  Correct identification of circuit details and protective devices (514.8.1; 514.9.1)  Presence of RCD six-monthly test notice at or near consumer unit/distribution board (514.12.2)  Presence of non-standard (mixed) cable colour warning notice at or near equipment, where required (514.14)  Presence of alternative supply warning notice at or consumer unit/distribution board (514.15)  Presence of other required labelling (Please specify) (Section 514)  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)  Single-pole switching or protective devices in line conductors only (132.14.1, 530.3.3)  Protection against mechanical damage where cables enter consumer unit/distribution board (132.14.1; 522.8.1; 522.8.5; 522.8.11)  Protection against electromagnetic effects where cables enter ferromagnetic enclosures (521.5.1)  RCD(s) provided for additional protection/requirements, where required - includes RCBO(s) (411.3.3; 415.1)	
7.1 7.2 7.3 7.4 7.5 5.1 7.6 7.7 7.8 7.9 7.10 7.11 7.12 7.13 7.14 7.15 7.16 7.17 7.18 7.19 7.10 7.11 7.12 7.13 7.14 7.15 7.16 7.17 7.18 7.19 7.20	Adequacy of working space/accessibility to consumer unit/distribution board (132.12; 513.1)  Security of fixing (134.1.1)  Condition of enclosure(s) in terms of IP rating (Barriers etc) (416.2)  Condition of enclosure(s) in terms of fire rating etc (421.1.6; 421.1.201; 526.5)  Enclosure/obstacles not damaged/deteriorated so as to impair safety (651.2)  Presence and effectiveness of obstacles (417.2)  Presence of main linked switch (as required by 462.1.201)  Operation of main switch (functional check) (643.10)  Manual operation of circuit-breakers and RCD(s) (test button) to prove disconnection (643.10)  Correct identification of circuit details and protective devices (514.8.1; 514.9.1)  Presence of RCD six-monthly test notice at or near consumer unit/distribution board (514.12.2)  Presence of non-standard (mixed) cable colour warning notice at or near equipment, where required (514.14)  Presence of alternative supply warning notice at or consumer unit/distribution board (514.15)  Presence of other required labelling (Please specify) (Section 514)  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)  Single-pole switching or protective devices in line conductors only (132.14.1, 530.3.3)  Protection against mechanical damage where cables enter consumer unit/distribution board (132.14.1; 522.8.1; 522.8.1; 522.8.11)  Protection against electromagnetic effects where cables enter ferromagnetic enclosures (521.5.1)  RCD(s) provided for fault protection - includes RCBO(s)(411.4.204; 411.5.2; 531.2)  RCD(s) provided for additional protection/requirements, where required - includes RCBO(s) (411.3.3; 415.1)  Confirmation of indication that SPD is functional (651.4)  Confirmation of that ALL conductor connections, including connections to the busbars are correctly located in terminals and	
7.1 7.2 7.3 7.4 7.5 5.5.1 7.6 7.7 7.8 7.9 7.10 7.11 7.12 7.13 7.14 7.15 7.16 7.17 7.18 7.19 7.10 7.11 7.12 7.13 7.14 7.15 7.16 7.17 7.18 7.19 7.20 7.21	Adequacy of working space/accessibility to consumer unit/distribution board (132.12; 513.1)  Security of fixing (134.1.1)  Condition of enclosure(s) in terms of IP rating (Barriers etc) (416.2)  Condition of enclosure(s) in terms of fire rating etc (421.1.6; 421.1.201; 526.5)  Enclosure/obstacles not damaged/deteriorated so as to impair safety (651.2)  Presence and effectiveness of obstacles (417.2)  Presence of main linked switch (as required by 462.1.201)  Operation of main switch (functional check) (643.10)  Manual operation of circuit-breakers and RCD(s) (test button) to prove disconnection (643.10)  Correct identification of circuit details and protective devices (514.8.1; 514.9.1)  Presence of RCD six-monthly test notice at or near consumer unit/distribution board (514.12.2)  Presence of non-standard (mixed) cable colour warning notice at or near equipment, where required (514.14)  Presence of alternative supply warning notice at or consumer unit/distribution board (514.15)  Presence of other required labelling (Please specify) (Section 514)  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)  Single-pole switching or protective devices in line conductors only (132.14.1, 530.3.3)  Protection against mechanical damage where cables enter consumer unit/distribution board (132.14.1; 522.8.1; 522.8.5; 522.8.11)  Protection against electromagnetic effects where cables enter ferromagnetic enclosures (521.5.1)  RCD(s) provided for fault protection - includes RCBO(s)(411.4.204; 411.5.2; 531.2)  RCD(s) provided for additional protection/requirements, where required - includes RCBO(s) (411.3.3; 415.1)  Confirmation of indication that SPD is functional (651.4)  Confirmation that ALL conductor connections, including connections to the busbars are correctly located in terminals and are tight and secure (526.1)	
7.1 7.2 7.3 7.4 7.5 5.1 7.6 7.7 7.8 7.9 7.10 7.11 7.12 7.13 7.14 7.15 7.16 7.17 7.18 7.19 7.10 7.11 7.12 7.13 7.14 7.15 7.16 7.17 7.18 7.18 7.19 7.20 7.21	Adequacy of working space/accessibility to consumer unit/distribution board (132.12; 513.1)  Security of fixing (134.1.1)  Condition of enclosure(s) in terms of IP rating (Barriers etc) (416.2)  Condition of enclosure(s) in terms of fire rating etc (421.1.6; 421.1.201; 526.5)  Enclosure/obstacles not damaged/deteriorated so as to impair safety (651.2)  Presence and effectiveness of obstacles (417.2)  Presence of main linked switch (as required by 462.1.201)  Operation of main switch (functional check) (643.10)  Manual operation of circuit details and protective devices (514.8.1; 514.9.1)  Presence of RCD six-monthly test notice at or near consumer unit/distribution board (514.12.2)  Presence of non-standard (mixed) cable colour warning notice at or near equipment, where required (514.14)  Presence of alternative supply warning notice at or consumer unit/distribution board (514.15)  Presence of other required labelling (Please specify) (Section 514)  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)  Single-pole switching or protective devices in line conductors only (132.14.1, 530.3.3)  Protection against mechanical damage where cables enter consumer unit/distribution board (132.14.1; 522.8.1; 522.8.1; 522.8.11)  Protection against electromagnetic effects where cables enter ferromagnetic enclosures (521.5.1)  RCD(s) provided for fault protection - includes RCBO(s)(411.4.204; 411.5.2; 531.2)  RCD(s) provided for additional protection/requirements, where required - includes RCBO(s) (411.3.3; 415.1)  Confirmation of indication that SPD is functional (651.4)  Confirmation that ALL conductor connections, including connections to the busbars are correctly located in terminals and are light and secure (526.1)	
7.1 7.2 7.3 7.4 7.5 .5.1 7.6 7.7 7.8 7.9 .10 .11 .12 .13 .14 .15 .16 .17 .18 .19 .20	Adequacy of working space/accessibility to consumer unit/distribution board (132.12; 513.1)  Security of fixing (134.1.1)  Condition of enclosure(s) in terms of IP rating (Barriers etc) (416.2)  Condition of enclosure(s) in terms of fire rating etc (421.1.6; 421.1.201; 526.5)  Enclosure/obstacles not damaged/deteriorated so as to impair safety (651.2)  Presence and effectiveness of obstacles (417.2)  Presence and effectiveness of obstacles (417.2)  Presence of main linked switch (as required by 462.1.201)  Operation of main switch (functional check) (643.10)  Manual operation of circuit-breakers and RCD(s) (test button) to prove disconnection (643.10)  Correct identification of circuit details and protective devices (514.8.1; 514.9.1)  Presence of RCD six-monthly test notice at or near consumer unit/distribution board (514.12.2)  Presence of onen-standard (mixed) cable colour warning notice at or near equipment, where required (514.14)  Presence of other required labelling (Please specify) (Section 514)  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)  Single-pole switching or protective devices in line conductors only (132.14.1, 530.3.3)  Protection against mechanical damage where cables enter consumer unit/distribution board (132.14.1; 522.8.1; 522.8.5; 522.8.11)  Protection against electromagnetic effects where cables enter ferromagnetic enclosures (521.5.1)  RCD(s) provided for fault protection - includes RCBO(s)(411.4.204; 411.5.2; 531.2)  RCD(s) provided for fault protection - includes RCBO(s)(411.4.204; 411.5.2; 531.2)  Confirmation that ALL conductor connections, including connections to the busbars are correctly located in terminals and are tight and secure (526.1)  Adequate arrangements where a generating set operates as a switched alternative to the public supply (551.6)	
7.1 7.2 7.3 7.4 7.5 7.6 7.7 7.8 7.9 7.10 7.11 7.12 7.13 7.14 7.15 7.16 7.17 7.18 7.19 7.10 7.11 7.12 7.13 7.14 7.15 7.16 7.17 7.18 7.19 7.20 7.21 7.22 7.23	Adequacy of working space/accessibility to consumer unit/distribution board (132.12; 513.1)  Security of fixing (134.1.1)  Condition of enclosure(s) in terms of IP rating (Barriers etc) (416.2)  Condition of enclosure(s) in terms of fire rating etc (421.1.6; 421.1.201; 526.5)  Enclosure/obstacles not damaged/deteriorated so as to impair safety (651.2)  Presence and effectiveness of obstacles (417.2)  Presence of main linked switch (as required by 462.1.201)  Operation of main switch (functional check) (643.10)  Manual operation of circuit details and protective devices (514.8.1; 514.9.1)  Presence of RCD six-monthly test notice at or near consumer unit/distribution board (514.12.2)  Presence of non-standard (mixed) cable colour warning notice at or near equipment, where required (514.14)  Presence of alternative supply warning notice at or consumer unit/distribution board (514.15)  Presence of other required labelling (Please specify) (Section 514)  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)  Single-pole switching or protective devices in line conductors only (132.14.1, 530.3.3)  Protection against mechanical damage where cables enter consumer unit/distribution board (132.14.1; 522.8.1; 522.8.1; 522.8.11)  Protection against electromagnetic effects where cables enter ferromagnetic enclosures (521.5.1)  RCD(s) provided for fault protection - includes RCBO(s)(411.4.204; 411.5.2; 531.2)  RCD(s) provided for additional protection/requirements, where required - includes RCBO(s) (411.3.3; 415.1)  Confirmation of indication that SPD is functional (651.4)  Confirmation that ALL conductor connections, including connections to the busbars are correctly located in terminals and are light and secure (526.1)	

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8.3		
	Condition of insulation of live parts (416.1)	<b>Ø</b>
8.4	Non-sheathed cables protected by enclosure in conduit, ducting or trunking. (521.10.1)	<b></b>
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)	
8.7	Adequacy of protective devices: type and rated current for fault protection (411.3)	<b>S</b>
8.8	Presence and adequacy of circuit protective conductors (411.3.1; Section 543)	<b>8</b>
8.9	Wiring system(s) appropriate for the type and nature of the installation and external influences (Section 522)	- Ø
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		
8.12.2	For all socket-outlets of rating 32 A or less unless exempt (4.11.3.3)	<u> </u>
	For the supply of Mobile equipment not exceeding 32 A rating for use outdoors (411.3.3)	<u> </u>
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)	$\overline{\mathscr{C}}$
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)	$- \bigcirc$
8.15	Cables segregated/separated from communications cabling (528.2)	$\overline{\mathscr{C}}$
8.16	Cables segregated/separated from non-electrical services (528.3)	$\bigcirc$
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)	<b>⊘</b>
8.17.2	No basic insulation of a conductor visible outside enclosure (526.8)	$\bigcirc$
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)	<b>Ø</b>
8.18	Condition of accessories including socket-outlets, switches and joint boxes (651.2 (v))	<b>Ø</b>
8.19	Suitability of accessories for external influences (512.2)	
8.20	Adequacy or working space/accessibility to equipment (132.12; 513.1)	<b>Ø</b>
8.21	Single-pole switching or protective devices in line conductors only (132.14.1; 530.3.3)	
	ON 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 neeted in city ations where live nexts connet be included by the energtion of a single device (E14.14.1, E27.1.2)	
0.2	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)	<b>Ø</b>
9.2.1	Switching off for mechanical maintenance (Section 464; 537.3.2)  Presence and condition of appropriate devices (464.1; 527.3.2)	<b>Ø</b>
9.2.1 9.2.2	Switching off for mechanical maintenance (Section 464; 537.3.2)  Presence and condition of appropriate devices (464.1; 527.3.2)  Acceptable location - state if local or remote from equipment in question (537.3.2.4)	<b>Q</b>
9.2.1 9.2.2 9.2.3	Switching off for mechanical maintenance (Section 464; 537.3.2)  Presence and condition of appropriate devices (464.1; 527.3.2)  Acceptable location - state if local or remote from equipment in question (537.3.2.4)  Capable of being secured in the OFF position (462.3)	
9.2.1 9.2.2 9.2.3	Switching off for mechanical maintenance (Section 464; 537.3.2)  Presence and condition of appropriate devices (464.1; 527.3.2)  Acceptable location - state if local or remote from equipment in question (537.3.2.4)  Capable of being secured in the OFF position (462.3)  Correct operation verified (643.10)	
9.2.1 9.2.2 9.2.3 9.2.4 9.2.5	Switching off for mechanical maintenance (Section 464; 537.3.2)  Presence and condition of appropriate devices (464.1; 527.3.2)  Acceptable location - state if local or remote from equipment in question (537.3.2.4)  Capable of being secured in the OFF position (462.3)  Correct operation verified (643.10)  Clearly identified by position and/or durable marking (537.3.2.4)	
9.2.1 9.2.2 9.2.3 9.2.4	Switching off for mechanical maintenance (Section 464; 537.3.2)  Presence and condition of appropriate devices (464.1; 527.3.2)  Acceptable location - state if local or remote from equipment in question (537.3.2.4)  Capable of being secured in the OFF position (462.3)  Correct operation verified (643.10)  Clearly identified by position and/or durable marking (537.3.2.4)  Emergency switching/stopping (465; 537.3.3)	
9.2.1 9.2.2 9.2.3 9.2.4 9.2.5 <b>9.3</b>	Switching off for mechanical maintenance (Section 464; 537.3.2)  Presence and condition of appropriate devices (464.1; 527.3.2)  Acceptable location - state if local or remote from equipment in question (537.3.2.4)  Capable of being secured in the OFF position (462.3)  Correct operation verified (643.10)  Clearly identified by position and/or durable marking (537.3.2.4)	
9.2.1 9.2.2 9.2.3 9.2.4 9.2.5 <b>9.3</b> 9.3.1	Switching off for mechanical maintenance (Section 464; 537.3.2)  Presence and condition of appropriate devices (464.1; 527.3.2)  Acceptable location - state if local or remote from equipment in question (537.3.2.4)  Capable of being secured in the OFF position (462.3)  Correct operation verified (643.10)  Clearly identified by position and/or durable marking (537.3.2.4)  Emergency switching/stopping (465; 537.3.3)	
9.2.1 9.2.2 9.2.3 9.2.4 9.2.5 9.3 9.3.1 9.3.2	Switching off for mechanical maintenance (Section 464; 537.3.2)  Presence and condition of appropriate devices (464.1; 527.3.2)  Acceptable location - state if local or remote from equipment in question (537.3.2.4)  Capable of being secured in the OFF position (462.3)  Correct operation verified (643.10)  Clearly identified by position and/or durable marking (537.3.2.4)  Emergency switching/stopping (465; 537.3.3)  Presence and condition of appropriate devices (Section 465; 537.3.3; 537.4)  Readily accessible for operation where danger might occur (537.3.3.6)  Correct operation verified (643.10)	
9.2.1 9.2.2 9.2.3 9.2.4 9.2.5 9.3 9.3.1 9.3.2 9.3.3	Switching off for mechanical maintenance (Section 464; 537.3.2)  Presence and condition of appropriate devices (464.1; 527.3.2)  Acceptable location - state if local or remote from equipment in question (537.3.2.4)  Capable of being secured in the OFF position (462.3)  Correct operation verified (643.10)  Clearly identified by position and/or durable marking (537.3.2.4)  Emergency switching/stopping (465; 537.3.3)  Presence and condition of appropriate devices (Section 465; 537.3.3; 537.4)  Readily accessible for operation where danger might occur (537.3.3.6)	
9.2.1 9.2.2 9.2.3 9.2.4 9.2.5 9.3 9.3.1 9.3.2 9.3.3	Switching off for mechanical maintenance (Section 464; 537.3.2)  Presence and condition of appropriate devices (464.1; 527.3.2)  Acceptable location - state if local or remote from equipment in question (537.3.2.4)  Capable of being secured in the OFF position (462.3)  Correct operation verified (643.10)  Clearly identified by position and/or durable marking (537.3.2.4)  Emergency switching/stopping (465; 537.3.3)  Presence and condition of appropriate devices (Section 465; 537.3.3; 537.4)  Readily accessible for operation where danger might occur (537.3.3.6)  Correct operation verified (643.10)	
9.2.1 9.2.2 9.2.3 9.2.4 9.2.5 9.3 9.3.1 9.3.2 9.3.3 9.3.4 9.4	Switching off for mechanical maintenance (Section 464; 537.3.2)  Presence and condition of appropriate devices (464.1; 527.3.2)  Acceptable location - state if local or remote from equipment in question (537.3.2.4)  Capable of being secured in the OFF position (462.3)  Correct operation verified (643.10)  Clearly identified by position and/or durable marking (537.3.2.4)  Emergency switching/stopping (465; 537.3.3)  Presence and condition of appropriate devices (Section 465; 537.3.3; 537.4)  Readily accessible for operation where danger might occur (537.3.3.6)  Correct operation verified (643.10)  Clearly identified by position and/or durable marking (537.3.3.6)	
9.2.1 9.2.2 9.2.3 9.2.4 9.2.5 9.3 9.3.1 9.3.2 9.3.3 9.3.4 9.4 9.4.1	Switching off for mechanical maintenance (Section 464; 537.3.2)  Presence and condition of appropriate devices (464.1; 527.3.2)  Acceptable location - state if local or remote from equipment in question (537.3.2.4)  Capable of being secured in the OFF position (462.3)  Correct operation verified (643.10)  Clearly identified by position and/or durable marking (537.3.2.4)  Emergency switching/stopping (465; 537.3.3)  Presence and condition of appropriate devices (Section 465; 537.3.3; 537.4)  Readily accessible for operation where danger might occur (537.3.3.6)  Correct operation verified (643.10)  Clearly identified by position and/or durable marking (537.3.3.6)  Functional switching (section 463; 537.3.1)	
9.2.1 9.2.2 9.2.3 9.2.4 9.2.5 9.3 9.3.1 9.3.2 9.3.3 9.3.4 9.4 9.4.1	Switching off for mechanical maintenance (Section 464; 537.3.2)  Presence and condition of appropriate devices (464.1; 527.3.2)  Acceptable location - state if local or remote from equipment in question (537.3.2.4)  Capable of being secured in the OFF position (462.3)  Correct operation verified (643.10)  Clearly identified by position and/or durable marking (537.3.2.4)  Emergency switching/stopping (465; 537.3.3)  Presence and condition of appropriate devices (Section 465; 537.3.3; 537.4)  Readily accessible for operation where danger might occur (537.3.3.6)  Correct operation verified (643.10)  Clearly identified by position and/or durable marking (537.3.3.6)  Functional switching (section 463; 537.3.1)  Presence and condition of appropriate devices (537.3.1.1; 537.3.1.2)  Correct operation verified (537.3.1.1; 537.3.1.2)	
9.2.1 9.2.2 9.2.3 9.2.4 9.2.5 9.3 9.3.1 9.3.2 9.3.3 9.3.4 9.4 9.4.1 9.4.2	Switching off for mechanical maintenance (Section 464; 537.3.2)  Presence and condition of appropriate devices (464.1; 527.3.2)  Acceptable location - state if local or remote from equipment in question (537.3.2.4)  Capable of being secured in the OFF position (462.3)  Correct operation verified (643.10)  Clearly identified by position and/or durable marking (537.3.2.4)  Emergency switching/stopping (465; 537.3.3)  Presence and condition of appropriate devices (Section 465; 537.3.3; 537.4)  Readily accessible for operation where danger might occur (537.3.3.6)  Correct operation verified (643.10)  Clearly identified by position and/or durable marking (537.3.3.6)  Functional switching (section 463; 537.3.1)  Presence and condition of appropriate devices (537.3.1.1; 537.3.1.2)  Correct operation verified (537.3.1.1; 537.3.1.2)  ENT-USING EQUIPMENT (PERMANENTLY CONNECTED)	
9.2.1 9.2.2 9.2.3 9.2.4 9.2.5 9.3 9.3.1 9.3.2 9.3.3 9.3.4 9.4 9.4.1 9.4.2 0 CURRI 10.1	Switching off for mechanical maintenance (Section 464; 537.3.2)  Presence and condition of appropriate devices (464.1; 527.3.2)  Acceptable location - state if local or remote from equipment in question (537.3.2.4)  Capable of being secured in the OFF position (462.3)  Correct operation verified (643.10)  Clearly identified by position and/or durable marking (537.3.2.4)  Emergency switching/stopping (465; 537.3.3)  Presence and condition of appropriate devices (Section 465; 537.3.3; 537.4)  Readily accessible for operation where danger might occur (537.3.3.6)  Correct operation verified (643.10)  Clearly identified by position and/or durable marking (537.3.3.6)  Functional switching (section 463; 537.3.1)  Presence and condition of appropriate devices (537.3.1.1; 537.3.1.2)  Correct operation verified (537.3.1.1; 537.3.1.2)  ENT-USING EQUIPMENT (PERMANENTLY CONNECTED)  Condition of equipment in terms of IP rating etc (416.2)	
9.2.1 9.2.2 9.2.3 9.2.4 9.2.5 9.3 9.3.1 9.3.2 9.3.3 9.3.4 9.4.1 9.4.2 0 CURRI 10.1 10.2	Switching off for mechanical maintenance (Section 464; 537.3.2)  Presence and condition of appropriate devices (464.1; 527.3.2)  Acceptable location - state if local or remote from equipment in question (537.3.2.4)  Capable of being secured in the OFF position (462.3)  Correct operation verified (643.10)  Clearly identified by position and/or durable marking (537.3.2.4)  Emergency switching/stopping (465; 537.3.3)  Presence and condition of appropriate devices (Section 465; 537.3.3; 537.4)  Readily accessible for operation where danger might occur (537.3.3.6)  Correct operation verified (643.10)  Clearly identified by position and/or durable marking (537.3.3.6)  Functional switching (section 463; 537.3.1)  Presence and condition of appropriate devices (537.3.1.1; 537.3.1.2)  Correct operation verified (537.3.1.1; 537.3.1.2)  Entr-USING EQUIPMENT (PERMANENTLY CONNECTED)  Condition of equipment in terms of IP rating etc (416.2)  Equipment does not constitute a fire hazard (Section 421)	
9.2.1 9.2.2 9.2.3 9.2.4 9.2.5 9.3 9.3.1 9.3.2 9.3.3 9.3.4 9.4.1 9.4.2 0 CURR 10.1 10.2 10.3	Switching off for mechanical maintenance (Section 464; 537.3.2)  Presence and condition of appropriate devices (464.1; 527.3.2)  Acceptable location - state if local or remote from equipment in question (537.3.2.4)  Capable of being secured in the OFF position (462.3)  Correct operation verified (643.10)  Clearly identified by position and/or durable marking (537.3.2.4)  Emergency switching/stopping (465; 537.3.3)  Presence and condition of appropriate devices (Section 465; 537.3.3; 537.4)  Readily accessible for operation where danger might occur (537.3.3.6)  Correct operation verified (643.10)  Clearly identified by position and/or durable marking (537.3.3.6)  Functional switching (section 463; 537.3.1)  Presence and condition of appropriate devices (537.3.1.1; 537.3.1.2)  Correct operation verified (537.3.1.1; 537.3.1.2)  ENT-USING EQUIPMENT (PERMANENTLY CONNECTED)  Condition of equipment in terms of IP rating etc (416.2)  Equipment does not constitute a fire hazard (Section 421)  Enclosure not damaged/deteriorated so as to impair safety (134.1.1; 416.2; 512.2)	
9.2.1 9.2.2 9.2.3 9.2.4 9.2.5 9.3 9.3.1 9.3.2 9.3.3 9.4.1 9.4.1 9.4.2 0 CURR 10.1 10.2 10.3 10.4	Switching off for mechanical maintenance (Section 464; 537.3.2)  Presence and condition of appropriate devices (464.1; 527.3.2)  Acceptable location - state if local or remote from equipment in question (537.3.2.4)  Capable of being secured in the OFF position (462.3)  Correct operation verified (643.10)  Clearly identified by position and/or durable marking (537.3.2.4)  Emergency switching/stopping (465; 537.3.3)  Presence and condition of appropriate devices (Section 465; 537.3.3; 537.4)  Readily accessible for operation where danger might occur (537.3.3.6)  Correct operation verified (643.10)  Clearly identified by position and/or durable marking (537.3.3.6)  Functional switching (section 463; 537.3.1)  Presence and condition of appropriate devices (537.3.1.1; 537.3.1.2)  Correct operation verified (537.3.1.1; 537.3.1.2)  ENT-USING EQUIPMENT (PERMANENTLY CONNECTED)  Condition of equipment in terms of IP rating etc (416.2)  Equipment does not constitute a fire hazard (Section 421)  Enclosure not damaged/deteriorated so as to impair safety (134.1.1; 416.2; 512.2)  Suitability for the environment and external influences (512.2)	
9.2.1 9.2.2 9.2.3 9.2.4 9.2.5 9.3 9.3.1 9.3.2 9.3.3 9.3.4 9.4.1 9.4.2 0 CURR 10.1 10.2 10.3	Switching off for mechanical maintenance (Section 464; 537.3.2)  Presence and condition of appropriate devices (464.1; 527.3.2)  Acceptable location - state if local or remote from equipment in question (537.3.2.4)  Capable of being secured in the OFF position (462.3)  Correct operation verified (643.10)  Clearly identified by position and/or durable marking (537.3.2.4)  Emergency switching/stopping (465; 537.3.3)  Presence and condition of appropriate devices (Section 465; 537.3.3; 537.4)  Readily accessible for operation where danger might occur (537.3.3.6)  Correct operation verified (643.10)  Clearly identified by position and/or durable marking (537.3.3.6)  Functional switching (section 463; 537.3.1)  Presence and condition of appropriate devices (537.3.1.1; 537.3.1.2)  Correct operation verified (537.3.1.1; 537.3.1.2)  Entr-USING EQUIPMENT (PERMANENTLY CONNECTED)  Condition of equipment in terms of IP rating etc (416.2)  Equipment does not constitute a fire hazard (Section 421)  Enclosure not damaged/deteriorated so as to impair safety (134.1.1; 416.2; 512.2)  Suitability for the environment and external influences (512.2)  Security of fixing (134.1.1)	
9.2.1 9.2.2 9.2.3 9.2.4 9.2.5 9.3 9.3.1 9.3.2 9.3.3 9.4.1 9.4.1 9.4.2 0 CURR 10.1 10.2 10.3 10.4	Presence and condition of appropriate devices (464.1; 527.3.2)  Acceptable location - state if local or remote from equipment in question (537.3.2.4)  Capable of being secured in the OFF position (462.3)  Correct operation verified (643.10)  Clearly identified by position and/or durable marking (537.3.2.4)  Emergency switching/stopping (465; 537.3.3)  Presence and condition of appropriate devices (Section 465; 537.3.3; 537.4)  Readily accessible for operation where danger might occur (537.3.3.6)  Correct operation verified (643.10)  Clearly identified by position and/or durable marking (537.3.3.6)  Functional switching (section 463; 537.3.1)  Presence and condition of appropriate devices (537.3.1.1; 537.3.1.2)  Correct operation verified (537.3.1.1; 537.3.1.2)  Entry INING EQUIPMENT (PERMANENTLY CONNECTED)  Condition of equipment in terms of IP rating etc (416.2)  Equipment does not constitute a fire hazard (Section 421)  Enclosure not damaged/deteriorated so as to impair safety (134.1.1; 416.2; 512.2)  Suitability for the environment and external influences (512.2)  Security of fixing (134.1.1)  Cable entry holes in ceiling above luminaires, sized or sealed so as to restrict the spread of fire: List number and location of	
9.2.1 9.2.2 9.2.3 9.2.4 9.2.5 9.3 9.3.1 9.3.2 9.3.3 9.4.1 9.4.2 0 CURRI 10.1 10.2 10.3 10.4 10.5 10.6	Presence and condition of appropriate devices (464.1; 527.3.2)  Acceptable location - state if local or remote from equipment in question (537.3.2.4)  Capable of being secured in the OFF position (462.3)  Correct operation verified (643.10)  Clearly identified by position and/or durable marking (537.3.2.4)  Emergency switching/stopping (465; 537.3.3)  Presence and condition of appropriate devices (Section 465; 537.3.3; 537.4)  Readily accessible for operation where danger might occur (537.3.3.6)  Correct operation verified (643.10)  Clearly identified by position and/or durable marking (537.3.3.6)  Functional switching (section 463; 537.3.1)  Presence and condition of appropriate devices (537.3.1.1; 537.3.1.2)  Correct operation verified (537.3.1.1; 537.3.1.2)  NT-USING EQUIPMENT (PERMANENTLY CONNECTED)  Condition of equipment in terms of IP rating etc (416.2)  Equipment does not constitute a fire hazard (Section 421)  Enclosure not damaged/deteriorated so as to impair safety (134.1.1; 416.2; 512.2)  Suitability for the environment and external influences (512.2)  Security of fixing (134.1.1)  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)	
9.2.1 9.2.2 9.2.3 9.2.4 9.2.5 9.3 9.3.1 9.3.2 9.3.3 9.3.4 9.4.1 9.4.2 0 CURRI 10.1 10.2 10.3 10.4 10.5	Presence and condition of appropriate devices (464.1; 527.3.2)  Acceptable location - state if local or remote from equipment in question (537.3.2.4)  Capable of being secured in the OFF position (462.3)  Correct operation verified (643.10)  Clearly identified by position and/or durable marking (537.3.2.4)  Emergency switching/stopping (465; 537.3.3)  Presence and condition of appropriate devices (Section 465; 537.3.3; 537.4)  Readily accessible for operation where danger might occur (537.3.3.6)  Correct operation verified (643.10)  Clearly identified by position and/or durable marking (537.3.3.6)  Functional switching (section 463; 537.3.1)  Presence and condition of appropriate devices (537.3.1.1; 537.3.1.2)  Correct operation verified (537.3.1.1; 537.3.1.2)  Entry INING EQUIPMENT (PERMANENTLY CONNECTED)  Condition of equipment in terms of IP rating etc (416.2)  Equipment does not constitute a fire hazard (Section 421)  Enclosure not damaged/deteriorated so as to impair safety (134.1.1; 416.2; 512.2)  Suitability for the environment and external influences (512.2)  Security of fixing (134.1.1)  Cable entry holes in ceiling above luminaires, sized or sealed so as to restrict the spread of fire: List number and location of	

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10.7	7.3 No signs of overheating to surrounding be	uilding fabric (559.4.1	1)	
10.7	7.4 No signs of overheating to conductors/ter	minations (526.1)		
11.0 P	PART 7 SPECIAL INSTALLATIONS OR LOCAT	IONS		
11.	.01 If any special installations or locations are	e present, list the part	ticular inspections applied.	N/A
12.0 \$	Schedule of Tests	Results to be rec	corded on Schedule of Test Results	
12.1	External earth loop impedance, Ze	Yes	12.9 Insulation Resistance between Live Conductors	NA NA
12.2	Installation earth electrode	NA	12.10 Insulation Resistance between Live Conductors &	Earth (es
12.3	Prospective fault current, Ipf	Yes	12.11 Polarity (prior to energisation)	Yes
12.4	Continuity of Earth Conductors	Yes	12.12 Polarity (after energisation) including phase seque	nce 🐚
12.5	Continuity of Circuit Protective Conductors	Yes	12.13 Earth Fault Loop Impedance	Yes
12.6	Continuity of ring final circuit	Yes	12.14 RCDs/RCBOs including selectivity	Yes
12.7	Continuity of Protective Bonding Conductors	Yes	12.15 Functional testing of RCD devices	Yes
12.8	Volt drop verified	Yes	12.16 Functional testing of AFDD(s) devices	N/A
Inspe Date:	ector's Name: Tre Lever :: 06/07/2022		Signature:	

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Company	/ Name PHS Compliance				C	ompany	/ Addr	ess Kid Glove	Roa	d					Postco	de WA3	3GR		Bran	ch No.				Schem	e No.			$\Box$
Client U	PP Residential Services Ltd					Installa	tion A					ay Cam , Swan	pus - Nanh	nyfer 12,	Receptio	n - Grour	nd Floo	r Tower	 Informati	on Centr	e, Fabiar	n Po	stco	de SA1	8EN		_	
														1.								_						
Distributio	n board details - Complete in	every	case					the distribution e installation	1 boa	rd is ı	not cor	nected	d directly		acteristi				ooard	•				rument		`	,)	
Location	Kitchen Level 3 RHS (Schneid	er)			_	•		n board is from						N/A	ociated RC	D(if any):	BS (Er		Operating	At at 1 I∆n	oove 30m/	ູ효ା		impedano				=
Designation	DB/CL6					Sub Mains(	DB Bust	oar 2, 11/L3)						$Z_d$	.17	) No.	of pole:				A or belov	⇒   Ins	sulation	resistano				
Num. of wa	ys 18 Num. of	phase	s 1			vercurrent		BS(EN) 88-2 H	IRC					l <sub>pf</sub> 1.		<sub>A</sub> ΙΔn	N/A		Operating	at 5 l∆n ∏	V/A ms	, <u>B</u>			ty 10211			
	polarity confirmed  Phase se	quenc	e confirm	ed		rotective de ne distribution		Type gG	Rati	ng 63	A	Voltag	230 \	Time	delay (if a	pplicable)	) N/			_				RC	D 10211	8371		
			CI	RCU	IT DE	TAILS													TE	ST RE	SULT	rs						
an	Distribution board Designation	Туре		7		onductors (mm²)	<u>d</u> ;	Overcurrent device		tive	Bre cap	ope	BS 7671 Max.		С	ircuit impe	edance	Ω			ation resis		Pc	Max. Measur	RCD	testing	Manua button o	al test
Circuit and Line	DB/CL6	pe of	Ref. n	No. of			Maximum disconnection	40110		رچ	Breaking capacity	RCD	permitted Zs Other		final circui		Fig 8		uits to be	Test	L/L,	L/E,	Polarity	ax. sured	Above 30mA	30mA or below	RCD	AFDD
ē I≓ No	Circuit designation	of wiring	method	f points	Z Z	CPC	l ectic	BS EN	Type No.	Rating (A)	(KA)	(mA)	80%	<b>-</b>	ured end-		, × ∞		ted using R2, not both	voltage	L/N	N/E		Zs	IΔn	5 I∆n	, ,	( < )
9 9	One dit designation	<u> </u>	<u>  8</u>	IS	z	<u>  ဂိ</u>	3 3	Number	.0		(KA)	(IIIA)	(Ω)	r1	rn	r2	(√)	R1 + R2	R2	V	M(Ω)	Μ(Ω)	(~)	(Ω)	ms	ms	(√)	( \ )
1/L3	Common Room Lights	Α	E	9	1.5	1	0.4	61009 RCD/RCBO	С	10	10	30	1.75	N/A	N/A	N/A	N/A	0.21	N/A	250	LIM	>299	✓	0.37	28.7	29.7	✓	N/A
2/L3	Lights Rooms 1,3,5	А	E	18	1.5	1	0.4	61009 RCD/RCBO	С	10	10	30	1.75	N/A	N/A	N/A	N/A	0.26	N/A	250	LIM	>299	✓	0.43	28.7	28.7	✓	N/A
3/L3	Lights Rooms 2,4,6	А	E	12	1.5	1	0.4	61009 RCD/RCBO	С	10	10	30	1.75	N/A	N/A	N/A	N/A	0.32	N/A	250	LIM	>299	✓	0.49	29.6	28.6	✓	N/A
4/L3	Lights Rooms 7,8	А	E	12	1.5	1	0.4	61009 RCD/RCBO	С	10	10	30	1.75	N/A	N/A	N/A	N/A	0.37	N/A	250	LIM	>299	✓	0.55	28.7	28.7	✓	N/A
5/L3	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
6/L3	Ring Main Rooms 1,3,5	А	E	21	2x2.5	2x1.5	0.4	61009 RCD/RCBO	С	32	10	30	0.54	0.35	0.35	0.51	✓	0.21	N/A	250	LIM	>299	✓	0.40	28.7	29.7	✓	N/A
7/L3	Ring Main Rooms 2,4,6	А	E	21	2x2.5	2x1.5	0.4	61009 RCD/RCBO	С	32	10	30	0.54	0.39	0.39	0.56	✓	0.23	N/A	250	LIM	>299	✓	0.43	28.6	28.7	✓	N/A
8/L3	Ring Main Rooms 7,8	А	E	18	2x2.5	2x1.5	0.4	61009 RCD/RCBO	С	32	10	30	0.54	0.40	0.40	0.61	✓	0.25	N/A	250	LIM	>299	✓	0.50	29.7	28.7	✓	N/A
9/L3	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/L3	Ring Main Common Room 1	А	E	6	2x2.5	2x1.5	0.4	61009 RCD/RCBO	С	32	10	30	0.54	0.44	0.44	0.62	✓	0.26	N/A	250	LIM	>299	✓	0.40	28.7	29.7	✓	N/A
11/L3	Ring Main Common Room 2	А	E	9	2x2.5	2x1.5	0.4	61009 RCD/RCBO	С	32	10	30	0.54	0.29	0.30	0.43	✓	0.18	N/A	250	LIM	>299	✓	0.28	28.7	28.7	✓	N/A
12/L3	Hob 1	А	E	1	6	2.5	0.4	61009 RCD/RCBO	С	32	10	30	0.54	N/A	N/A	N/A	N/A	0.04	N/A	250	LIM	>299	✓	0.23	27.6	28.7	✓	N/A
Details o	f circuits and/or installed e	quip	ment v	ulnera	able to	damage	when	testing	Dat	e(s)	dead t	testing	07/07	/2022	То	07/07/2	022	Date	e(s) live	testing		07/07/20	)22	Т.	0	07/07	7/2022	
Tested b	y: Name (capital letters)	TF	RE LEVI	ER			] p	osition Electr	ical T	est Fr	aineer			Date 0	7/07/202:	<u> </u>		1	Si	gnature	4	Sta	/	7.				
	PVC/PVC, B PVC cables in metallic Conduit, C				onduit, <b>D</b> PV0	C cables in me	_					NA cables		_			Work, FN	¶ Ferrous Me	tal, <b>O</b> Other		, ,	"						
A/A1 - Single 90°C rated (4	Core PVC Cables (4D1A), A/A2 - Multi E2A), G/G1 - Single-core armoured XL	core PV PE cabl	C Cables	(4D2A), C rated (	F/F1 - Sino 4E3A), G/G	gle-core arm 32 - Multi-co	noures P\	/C SWA Cables (4[ red XLPE cables or	03A), F	/F2 - P\ rated (4	/C SWA E4A), H/	Cables ( H1 - MIC	4D4A), A/A3 C exposed to	- PVC Twin	ı & Earth (4 1A)	D5), O/O1	- LSF si	ngle core o	ables 90°C	rated (4E	1A), O/O2	- Multi-core	e LSF ca	bles				

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

			CI	RCU	IT DE	TAILS													TE	ST RE	SULT	S						
anc	Distribution board Designation	Туре	, z	Z <sub>O</sub>		onductors (mm²)	dis	Overcurrent device		tive	Brea cap	RCD operating	BS 7671 Max.		C	Circuit impe	dance :	Ω			ation resis		Po	Ma Meas	RCD	testing	Manu button	ual te
Circuit I	DB/CL6	be of wiring	Ref. method	o. of points	_		Maximum disconnection	BS EN	Туре	Rating (A)	Breaking capacity	RCD	permitted Zs Other		final circui ured end-		Fig 8 check	complet	uits to be ed using 22, not both	Test voltage	L/L, L/N	L/E, N/E	Polarity	Max. s	Above 30mA IΔn	30mA or below 5 I∆n	RCD	2
<u> </u>	Circuit designation	ring	hod	ints	Z	СРС	tion m	Number	<u>N</u>	ಶ	(KA)	(mA)	(Ω)	r1	rn	r2	(√)	R1 + R2		V	Μ(Ω)	M(Ω)	(√)	(Ω)	ms	ms	(√)	(-
3/L3	Hob 2	А	E	1	6	2.5	0.4	61009 RCD/RCBO	С	32	10	30	0.54	N/A	N/A	N/A	N/A	0.05	N/A	250	LIM	>299	✓	0.22	28.7	26.7	✓	N
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	١
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	١
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	1
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	1
B/L3	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	١
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etails o	of circuits and/or installed	equip	ment v	ulner	able to	damage	when	testing	Dat	e(s)	dead t	esting	07/07	2022	То	07/07/20	022	Date	e(s) live	-		07/07/20	22	To	o	07/07	7/2022	_
sted b	py: Name (capital letters)	TF	sted by: Name (capital letters) TRE LEVER Positio											Date 0	7/07/202	2		]	Si	gnature	1	The	/	/-				

90°C rated (4E2A), G/G1 - Single-core armoured XLPE cables or 90°C rated (4E3A), G/G2 - Multi-core armoured XLPE cables or 90°C rated (4E4A), H/H1 - MICC exposed to touch (4G1A)

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			CII	RCU	IT DET	<b>TAILS</b>													TE	ST RE	SULT	S						
C and	Distribution board Designation	Тур	Ref	N	Circuit co		disc	Overcurrent devic		tive	Brea cap	opera	BS 7671 Max.		С	Circuit impe	edance	Ω			ation resis d lower re		Pol	Max. Measure	RCD	testing		ual test operation
ircuit	DB/CL6	e of w	ef. me	o. of po	_		Maximum	D0 511	Туре	Ratir (A)	king	RCD	permitted Zs Other		inal circui ured end-		Fig 8		its to be ed using	Test voltage	L/L, L/N	L/E, N/E	arity	ured Zs	Above 30mA IΔn	30mA or below 5 IΔn	RCD	AFDD
8 8 6 6	Circuit designation	wiring	thod	oints	ż	CPC	num	BS EN Number	No.	ng	(KA)	(mA)	(Ω)	r1	rn	r2	(~)	R1 + R2	R2	V	Μ(Ω)	M(Ω)	(√)	(Ω)	ms	ms	(√)	(√)
(V) RIFRZ RZ V (M(Z) (M(																												
Details o	of circuits and/or installed	equipr	ment v	ulnera	able to	damage	when	testing	Date	e(s) d	lead to	esting	07/07/	2022	То	07/07/2	022	Date	(s) live	testing		07/07/20	)22	To		07/07	7/2022	
																		]	Się	gnature	/	1	_	7.				
Tested b	y: Name (capital letters)	TF	RE LEVE	ER			P	osition Electr	ical Te	est Eng	gineer			Date 07	7/07/202	2					-12	7/1						
Wiring Types.	A PVC/PVC, B PVC cables in metallic Conduit,	C PVC cal	bles in non-	metallic Co	onduit, <b>D</b> PVC	cables in me	etallic trunking	, E PVC cables in nor	-metallic	trunking,	F PVC/SV	VA cables	, <b>G</b> SWA/XPLE	cables, <b>H</b> Mir	neral Insulate	ed, <b>MW</b> Metal	l Work, FN	l Ferrous Met	al, O Other									
	e Core PVC Cables (4D1A), A/A2 - Multi 4E2A), G/G1 - Single-core armoured XL															ID5), O/O1	- LSF si	ngle core c	ables 90°C	rated (4E	1A), O/O2 -	Multi-core	e LSF cat	oles				

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Company	Name PHS Compliance					ompan	y Addı	ress Kid Glove	Roa	d					Postco	de WA3	3 3 G R		Bran	ch No.				Schem	e No.			
Client U	PP Residential Services Ltd					Installa	tion A					ay Cam s, Swan	pus - Nanl sea	nyfer 12,	Reception	n - Groui	nd Floo	or Tower	Informati	on Centr	e, Fabian	Po	ostco	de SA1	8EN			$\Box$
Distributio	n board details - Complete in	every	/ case		0	omplete	only if	the distribution						Char	acteristi	cs at thi	s distr	ibution l	ooard			Te	st inst	rument	serial n	umber(s	<b>3)</b>	
	0 151 171 1 1010 (0 1				_	-	•	e installation						Ass	ociated R	CD(if any):	BS (El			Al	ove 30mA	\ <del>_</del>	Loop	impedano	e 10211	8371		$\neg$
Location	3rd Floor Kitchen RHS (Schne	ider)						n board is from						N/A					Operating	at 1 l∆n	N/A ms	÷ ∰ In	sulation	resistano	e 10211	8371		一
Designation							(DB Busi	bar 1, 6/L3)									of pole				A or below	/ <u>율</u>			tv 10211			
Num. of wa	ys 18 Num. of	phase	es 1			vercurrent rotective de	evice for	BS(EN) 88-2 F	-	_				I <sub>pf</sub> 1	.38 I	kA I∆r	N/A		Operating	at 5 l∆n ∐	N/A ms	. O			D 10211			=
Supply	polarity confirmed Phase se	equenc	e confirm	ied	]   ti	ne distributi	on circuit	: Type gG	Rat	ing 63		A Voltag	e 230	V Time	delay (if	applicable	) N	4						RC	0 10211	0371		
			CI	RCU	IT DE	TAILS													TE	ST RE	SULT	S						
Circuit No. and Line No.	Distribution board Designation	Type	D D	No		conductors (mm²)	dis	Overcurrent device		ctive	Breaking capacity	RCD operating	BS 7671 Max.		(	Circuit imp	edance	Ω			ation resist rd lower re		Pol	Max. Measured	RCD	testing	Manua button o	al test operation
L jir	DB/CL4	e of	Ref. m	] of			Maximum disconnection		Type No.	۳ ک	king	ating	permitted Zs Other		final circu sured end-		Fig 8		uits to be ted using	Test	L/L,	L/E, N/E	Polarity	ured	Above 30mA	30mA or below	RCD	AFDD
0 <del>≓</del>	Circuit designation	of wiring	method	of points	L Z	СРС	ectio	BS EN	ĕ	Rating (A)	(KA)		80%	r1	rn	r2			R2, not both	voltage	L/N		(4)	Zs	I∆n	5 I∆n	(<)	( < )
9 9		ğ	<u>  &amp;</u>	<u> </u>	Z	l o	33	Number	<u> </u>	+-	(104)	(111/4)	(Ω)	11	I	12	(~)	R1 + R2	R2	V	Μ(Ω)	M(Ω)	( )	(Ω)	ms	ms	( )	( )
1/L3	Common Room Lights	А	E	9	1.5	1	0.4	61009 RCD/RCBO	С	10	10	30	1.75	N/A	N/A	N/A	N/A	0.26	N/A	250	LIM	>299	<b>✓</b>	0.44	29.8	28.6	<b>✓</b>	N/A
2/L3	Lights Rooms 9,10	А	E	12	1.5	1	0.4	61009 RCD/RCBO	С	10	10	30	1.75	N/A	N/A	N/A	N/A	0.47	N/A	250	LIM	>299	✓	0.67	28.7	28.7	<b>/</b>	N/A
3/L3	Lights Rooms 7,8	A	E	12	1.5	1	0.4	61009 RCD/RCBO	С	10	10	30	1.75	N/A	N/A	N/A	N/A	0.40	N/A	250	LIM	>299	<b>✓</b>	0.63	28.7	38.6	<b>✓</b>	N/A
4/L3	Lights Rooms 1,3,5	А	E	18	1.5	1	0.4	61009 RCD/RCBO	С	10	10	30	1.75	N/A	N/A	N/A	N/A	0.31	N/A	250	LIM	>299	<b>✓</b>	0.49	28.7	29.6	<b>✓</b>	N/A
5/L3	Lights Rooms 2,4,6	А	E	18	1.5	1	0.4	61009 RCD/RCBO	С	10	10	30	1.75	N/A	N/A	N/A	N/A	0.37	N/A	250	LIM	>299	✓	0.55	28.6	28.7	<b>✓</b>	N/A
6/L3	Ring Main Rooms 2,4,6	А	E	21	2x2.5	2x1.5	0.4	61009 RCD/RCBO	С	32	10	30	0.54	0.39	0.40	0.58	<b>✓</b>	0.24	N/A	250	LIM	>299	<b>✓</b>	0.44	28.7	28.7	<b>✓</b>	N/A
7/L3	Ring Main Rooms 1,3,5	А	E	21	2x2.5	2x1.5	0.4	61009 RCD/RCBO	С	32	10	30	0.54	0.34	0.34	0.55	<b>✓</b>	0.22	N/A	250	LIM	>299	<b>✓</b>	0.40	28.7	29.7	<b>✓</b>	N/A
8/L3	Ring Main Rooms 7,8	А	E	18	2x2.5	2x1.5	0.4	61009 RCD/RCBO	С	32	10	30	0.54	0.24	0.23	0.33	<b>✓</b>	0.14	N/A	250	LIM	>299	✓	0.45	29.7	28.6	<b>✓</b>	N/A
9/L3	Ring Main Rooms 9,10	А	E	18	2x2.5	2x1.5	0.4	61009 RCD/RCBO	С	32	10	30	0.54	0.30	0.31	0.40	✓	0.17	N/A	250	LIM	>299	✓	0.51	28.7	29.7	✓	N/A
10/L3	Ring Main Common Room 1	А	E	6	2x2.5	2x1.5	0.4	61009 RCD/RCBO	С	32	10	30	0.54	0.30	0.30	0.42	✓	0.18	N/A	250	LIM	>299	✓	0.29	28.7	28.7	✓	N/A
11/L3	Ring Main Common Room 2	А	E	9	2x2.5	2x1.5	0.4	61009 RCD/RCBO	С	32	10	30	0.54	0.31	0.32	0.43	✓	0.18	N/A	250	LIM	>299	✓	0.30	38.7	29.7	✓	N/A
12/L3	Hob 1	А	E	1	6	2.5	0.4	61009 RCD/RCBO	С	32	10	30	0.54	N/A	N/A	N/A	N/A	0.03	N/A	250	LIM	>299	✓	0.24	28.7	38.7	✓	N/A
Details o	f circuits and/or installed ε	quip	ment v	ulner	able to	damage	when	testing	Da	te(s)	dead t	testing	07/07	/2022	То	07/07/2	022	Date	e(s) live	testing		07/07/2	022	Т	o 🗌	07/07	7/2022	
																			Si	gnature	/	_1	/	7.				
Tested b	y: Name (capital letters)	Т	RE LEV	ER			F	Position Electr	ical T	est En	gineer			Date 0	7/07/202	2					-12	7/2	<					
Wiring Types. A	PVC/PVC, <b>B</b> PVC cables in metallic Conduit, 0	C PVC ca	ables in non-	metallic C	Conduit, <b>D</b> PV	C cables in me	tallic trunkir	ng, E PVC cables in no	n-metall	ic trunking	, F PVC/S	WA cables	, <b>G</b> SWA/XPLE	cables, H M	lineral Insulat	ed, MW Meta	l Work, FI	/ Ferrous Me	tal, O Other									
	Core PVC Cables (4D1A), A/A2 - Multi E2A), G/G1 - Single-core armoured XL															4D5), O/O1	- LSF si	ngle core o	ables 90°C	rated (4E	1A), O/O2 -	Multi-cor	e LSF ca	ables				

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

			CI	RCU	IT DE	<b>TAILS</b>													TE	ST RE	SULT	rs _						
C and	Distribution board Designation	Туре	Ref.	N <sub>o</sub> .		onductors (mm²)	disc	Overcurrent device		tive	Breaking capacity	RCD operating	BS 7671 Max.		C	ircuit impe	edance	Ω			ation resis d lower re		Pol	Max. Measured	RCD	testing	Manu button	
Circuit I	DB/CL4	e of wiring	ef. method	o. of points	_		Maximum connection	BS EN	Туре	Rating (A)	king	ating	permitted Zs Other		final circui ured end-		Fig 8 check	All circu complete		Test voltage	L/L, L/N	L/E, N/E	Polarity	Zs Zs	Above 30mA I∆n	30mA or below 5 I∆n	RCD	T
<u> </u>	Circuit designation	ring	hod	ints	Z	СРС	tion m	Number	No.	g	(KA)	(mA)	(Ω)	r1	rn	r2	(√)	R1 + R2	R2	V	M(Ω)	M(Ω)	(~)	(Ω)	ms	ms	(√)	
3/L3	Hob 2	А	E	1	6	2.5	0.4	61009 RCD/RCBO	С	32	10	30	0.54	N/A	N/A	N/A	N/A	0.04	N/A	250	LIM	>299	✓	0.23	28.7	28.7	✓	
/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	
/L3	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	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	
/L3	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
/L3	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
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etails o	of circuits and/or installed	equip	nent v	ulnera	able to	damage	when	testing	Dat	e(s)	dead t	esting	07/07/	2022	То	07/07/2	022	Date	(s) live	_	E-	07/07/20	)22	To	o	07/0	7/2022	
sted l	by: Name (capital letters)	TF	RE LEVI	ER			l P	osition Electr	rical To	est En	aineer			Date 0	7/07/202	2		]	Się	gnature	1	The	/	7.				

90°C rated (4E2A), G/G1 - Single-core armoured XLPE cables or 90°C rated (4E3A), G/G2 - Multi-core armoured XLPE cables or 90°C rated (4E4A), H/H1 - MICC exposed to touch (4G1A)

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

	DB/CL4  DB/CL4																											
and	Distribution board Designation  DB/CL4  Circuit designation  DB/CL4  Circuit designation  DB/CL4  Circuit signation  DB/CL4  Circuit designation  DB/CL4  Circuit signation  DB/CL4  Distribution board Designation  DB/CL4  Circuit signation  DB/CL4																											
ne ü	DB/CL4  DB/CL4  DB/CL4  Circuit designation  DB/CL4  Circuit sand/or installed equipment vulnerable to damage when testing  Date(s) dead testing  Date(s) live testing															Above 30mA	below	RCD	AFDD									
N N	SEX Circuit designation  The point of the po																											
Details o	of circuits and/or installed	equipr	ment v	ulnera	able to d	lamage	when	testing	Date	e(s) d	lead t	esting	07/07/	2022	То	07/07/2	022	Date	` '	U		07/07/20	022	To	<b></b>	07/07	//2022	
																			Się	gnature	/	1	_	2.				
Tested b	y: Name (capital letters)	TF	RE LEVE	ER			P	osition Electr	ical Te	est Enç	gineer			Date 07	7/07/202	2		j			-12	7/1						
Wiring Types.	A PVC/PVC, <b>B</b> PVC cables in metallic Conduit,	C PVC cal	bles in non-	metallic Co	onduit, <b>D</b> PVC	cables in me	tallic trunking	g, E PVC cables in nor	n-metallic	trunking,	F PVC/SV	VA cables	, <b>G</b> SWA/XPLE	cables, H Mir	neral Insulate	ed, <b>MW</b> Metal	l Work, FM	Ferrous Met	al, O Other									
	Core PVC Cables (4D1A), A/A2 - Mult 4E2A), G/G1 - Single-core armoured XL															D5), O/O1	- LSF sii	ngle core ca	ables 90°C	rated (4E1	A), O/O2 -	Multi-core	e LSF cat	oles				

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Company	/ Name PHS Compliance				C	ompan	y Addr	ess Kid Glove	Road	d					Postco	de WA3	3GR		Bran	ch No.				Schem	ne No.			
Client U	PP Residential Services Ltd					Installa	tion A						pus - Nanh	yfer 12, l	Receptio	n - Grour	nd Floo	r Tower	Informati	on Centr	e, Fabiar	n Po	stco	de SA1	8EN			$\Box$
B: ( !! (!											urrows			01													,	
Distributio	n board details - Complete in	every	case					the distributior e installation	ı boa	ra is r	ot con	nected	a directly			cs at this D(if any):			ooard	Λ1	20m					umber(s	)	
Location	Ground Floor Plant Room (Sch	neider	)			Supply to d	istributio	n board is from						_ ASSC	ocialeu K	ט(וו ally).	DO (EN		Operating	at 1 I∆n	NA ms	, <u>o</u> l		•	e 10211			-
Designation	n DB/M													Z <sub>d</sub> 0.	.11	Ω No.	of poles				A or belov	v ab   □:	sulation		ty 10211			$\dashv$
Num. of wa	ys 12 Num. of	phase	s 3			vercurrent rotective de	evice for	BS(EN) N/A						l <sub>pf</sub> 4.	.40 k	<sub>A</sub> I∆n	N/A		perating a	at 5 l∆n	NA ms	, <u>o</u>			D 10211			=
Supply	polarity confirmed Phase se	equence	confirm	ed 🗸	]   tr	ne distributi	on circuit	Type N/A	Rati	ng N/A	A	Voltag	e N/A	Time	delay (if a	applicable)	) NA	4						KC	D 10211	3371		
			CI	RCU	IT DE	TAILS													TE	ST RE	SULT	rs						
Ci	Distribution board Designation	Ą	_	7		onductors (mm²)	d:	Overcurrent   device		tive	Bre ca	ope	BS 7671 Max.		C	ircuit impe	edance	Ω			ation resis		Po	Mea M	RCD	testing	Manua button o	
Circu d Lir	DB/M	Type of	Ref. r	No. of	- CSa		Maximum disconnection	devic		70	Breaking capacity	RCD	permitted Zs Other		final circui		유교		uits to be	Test	L/L,	L/E,	Polarity	Max. Measured	Above 30mA	30mA or below	RCD	AFDD
ircuit No.	Circuit designation	of wiring	method	of points	Z Z	CPC	nectio	BS EN	Type No.	Rating (A)	(KA)	(mA)	80%	<u> </u>	ured end-	T	Fig 8 check		ted using R2, not both	voltage	L/N	N/E	1, ,	Zs	IΔn	5 I∆n	, ,	1
				<b></b>	1			Number			<u> </u>	` '	(Ω)	r1	rn	r2	(√)	R1 + R2		V	Μ(Ω)	Μ(Ω)	(1)	(Ω)	ms	ms	( < )	(~)
1/TP	Surge Protection Unit	D	В	1	16	16	5	60947 MCCB	N/A	_	50	N/A	0.36	N/A	N/A	N/A	N/A	0.01	N/A	250	LIM	>299	<b>√</b>	0.11	N/A	N/A	N/A	N/A
2/TP	Sub Mains(DB Busbar 1)	G	E	1	50	25	5	60947 MCCB	N/A	160	50	N/A	0.15	N/A	N/A	N/A	N/A	0.02	N/A	250	LIM	>299	<b>✓</b>	0.14-	N/A	N/A	N/A	N/A
3/TP	Sub Mains(DB/LL1/P, DB/LL1/L)	G	E	1	25	SWA	5	60947 MCCB	N/A	100	50	N/A	0.24	N/A	N/A	N/A	N/A	0.03	N/A	250	LIM	>299	✓	0.15	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	Sub Mains(DB Busbar 2)	G	Е	1	50	25	5	60947 MCCB	N/A	160	50	N/A	0.15	N/A	N/A	N/A	N/A	0.02	N/A	250	LIM	>299	✓	0.14	N/A	N/A	N/A	N/A
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/L1	Sub Mains(DB EXT 1)	D	В	1	10	10	5	60947 MCCB	N/A	40	25	N/A	1.01	N/A	N/A	N/A	N/A	0.02	N/A	250	LIM	>299	✓	0.14	N/A	N/A	N/A	N/A
10/L2	Disabled Refuge Panel	О	E	1	2.5	2.5	0.4	60947 MCCB	N/A	16	25	N/A	1.01	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
10/L3	Fire Alarm Panel	0	E	1	2.5	2.5	0.4	60947 MCCB	N/A	16	25	N/A	1.01	N/A	N/A	N/A	N/A	0.07	N/A	250	LIM	>299	✓	0.25	N/A	N/A	N/A	N/A
11/TP	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
12/TP	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Details o	f circuits and/or installed e	quip	nent v	ulnera	able to	damage	when	testing	Dat	e(s)	dead t	esting	06/07/	2022	То	06/07/2	022	Date	e(s) live	testing	3	06/07/20	)22	Т	0	06/07	7/2022	
								-										ĺ	Si	gnature		1 1		7.				
Tested b	y: Name (capital letters)	TF	RE LEVI	ER			Р	osition Electr	ical T	est En	gineer			Date 0	6/07/202	2		j			-12	7/1	1					
Wiring Types.	A PVC/PVC, <b>B</b> PVC cables in metallic Conduit, <b>0</b>	C PVC ca	bles in non-	metallic Co	onduit, <b>D</b> PV0	cables in me	tallic trunkir	ig, E PVC cables in non	-metallio	trunking	F PVC/SV	VA cables	G SWA/XPLE	cables, H M	ineral Insulate	ed, <b>MW</b> Metal	Work, FN	I Ferrous Me	tal, <b>O</b> Other									
	Core PVC Cables (4D1A), A/A2 - Multi E2A), G/G1 - Single-core armoured XL															D5), O/O1	- LSF si	ngle core o	ables 90°C	rated (4E	1A), O/O2	- Multi-core	e LSF ca	bles				

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			CII	RCU	IIT DET	ΓAILS													TE	ST RE	SULT	ΓS						
and	Circuit designation  The point of point														C	Circuit imp	edance	Ω			ation resis		Pol	Max. Measure	RCD	testing	Manua button o	
ircuit Line	Distribution board Designation  DB/M  Circuit designation  Distribution board Designation boa														complete	ed using	Test voltage	L/L, L/N	L/E, N/E	arity	۵	30mA	30mA or below	RCD	AFDD			
S S	The second process of															(√)												
	(v) R1+R2 R2 V W(12) W(12) (12) IIIS IIIS																											
Details o	of circuits and/or installed e	equipr	ment v	ulner	able to	damage	when	testing	Dat	e(s) d	ead to	esting	06/07/	2022	То	06/07/2	022	Date	(s) live	testing		06/07/20	022	To		06/07	7/2022	$\neg$
																		j	Siç	gnature	-/	1_1		7.				
Tested b	y: Name (capital letters)	TF	RE LEVE	ΞR			Р	osition Elect	rical T	est Eng	jineer			Date 0	5/07/202	2		j			-12	7/1						
Wiring Types.	A PVC/PVC, B PVC cables in metallic Conduit,	C PVC cal	bles in non-	metallic C	Conduit, <b>D</b> PVC	cables in me	etallic trunkin	g, <b>E</b> PVC cables in no	n-metallio	trunking, I	F PVC/SV	/A cables,	G SWA/XPLE	cables, <b>H</b> Mi	neral Insulat	ed, <b>MW</b> Meta	l Work, FN	Ferrous Met	al, O Other									
	e Core PVC Cables (4D1A), A/A2 - Multi 4E2A), G/G1 - Single-core armoured XL															D5), O/O1	- LSF si	ngle core ca	ables 90°C	rated (4E1	1A), O/O2	- Multi-core	e LSF cal	oles				

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Compan	y Name PHS Compliance				С	ompany	y Addr	ess Kid Glove	Road	d					Postco	de WA3	3GR		Bran	ch No.				Schem	e No.			$\Box$
Client U	PP Residential Services Ltd					Installa	tion A						pus - Nanh	nyfer 12,	Reception	n - Grour	nd Floo	r Tower	 Informati	on Centr	e, Fabiar	n Po	ostco	de SA1	8EN			
												, Swan		1														
Distributio	on board details - Complete in	every	case					the distribution e installation	ı boa	rd is n	ot con	inected	directly			ics at this			ooard		00				_	umber(s	)	
Location	Level 4 Kitchen RHS (Schneid	er)						n board is from						Asso N/A		CD(if any):	BS (EN		Operating	At at 1 l∆n	oove 30m/	ᆞᄝᅵ		mpedano				
Designation	n DB/CL8					Sub Mains(	DB Bush	oar 1, 9/L2)						$Z_d$		Ω No.	of poles		·		A or below	≓  In	sulation	resistano				
Num. of wa	ays 18 Num. of	phase	s 1			vercurrent		BS(EN) 88-2 H	RC					l <sub>pf</sub> 1			N/A		perating :	at 5 l∆n [	V/A ms	, ble			y 10211			
	polarity confirmed  Phase se	quence	e confirm	ed		otective de e distribution		Type gG	Rati	ng 63	Α	Voltag	e 400 \	Time	delay (if	applicable	N/			_				RC	D 10211	3371		
			CI	RCU	IT DE	ΓAILS													TE	ST RE	SULT	S						
ano	Distribution board Designation	Type	70	N <sub>O</sub>		onductors (mm²)	dis	Overcurrent device		tive	Breaking capacity	RCD operating	BS 7671 Max.		(	Circuit impe	edance	Ω			ation resis rd lower re		Po	Max. Measured	RCD	testing	Manua button o	
Circuit No. and Line No.	DB/CL8	e of v	Ref. me	9			Maximum disconnection		Type No	Rating (A)	king	RCD	permitted Zs Other		final circu sured end		Fig 8	comple	uits to be ted using	Test voltage	L/L, L/N	L/E, N/E	Polarity	ured	Above 30mA	30mA or below	RCD	AFDD
N O	Circuit designation	of wiring	method	points	Z	СРС	mum ction	BS EN Number	No.	ing	(KA)	(mA)	(Ω)	r1	rn	r2	( </td <td>R1R2 or F</td> <td>R2, not both</td> <td>V</td> <td>M(Ω)</td> <td>M(Ω)</td> <td>(~)</td> <td>Zs (Ω)</td> <td>l∆n ms</td> <td>5 lΔn ms</td> <td>(√)</td> <td>(~)</td>	R1R2 or F	R2, not both	V	M(Ω)	M(Ω)	(~)	Zs (Ω)	l∆n ms	5 lΔn ms	(√)	(~)
1/L2	Common Room Lights	Α	E	9	1.5	1	0.4	61009 RCD/RCBO	С	10	10	30	1.75	N/A	N/A	N/A	N/A	0.30	N/A	250	LIM	>299	<b>✓</b>	0.49	28.7	28.7	<b>✓</b>	N/A
2/L2	Lights Rooms 3,4,5	А	E	18	1.5	1	0.4	61009 RCD/RCBO	С	10	10	30	1.75	N/A	N/A	N/A	N/A	0.37	N/A	250	LIM	>299	<b>✓</b>	0.55	29.7	28.7	<b>✓</b>	N/A
3/L2	Lights Rooms 1,2	А	E	12	1.5	1	0.4	61009 RCD/RCBO	С	10	10	30	1.75	N/A	N/A	N/A	N/A	0.26	N/A	250	LIM	>299	<b>✓</b>	0.44	28.7	29.7	<b>✓</b>	N/A
4/L2	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
5/L2	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	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	Ring Main Rooms 1,2	А	E	18	2x2.5	2x1.5	0.4	61009 RCD/RCBO	С	32	10	30	0.54	0.36	0.35	0.47	<b>✓</b>	0.20	N/A	250	LIM	>299	<b>✓</b>	0.40	28.7	29.7	<b>✓</b>	N/A
7/L2	Ring Main Rooms 3,4,5	A	E	21	2x2.5	2x1.5	0.4	61009 RCD/RCBO	С	32	10	30	0.54	0.34	0.35	0.46	✓	0.19	N/A	250	LIM	>299	✓	0.44	28.6	28.7	✓	N/A
8/L2	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
9/L2	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/L2	Ring Main Common Room 1	А	E	6	2x2.5	2x1.5	0.4	61009 RCD/RCBO	С	32	10	30	0.54	0.32	0.31	0.43	✓	0.17	N/A	250	LIM	>299	✓	0.28	29.7	28.6	<b>✓</b>	N/A
11/L2	Ring Main Common Room 2	А	E	9	2x2.5	2x1.5	0.4	61009 RCD/RCBO	С	32	10	30	0.54	0.35	0.34	0.44	✓	0.18	N/A	250	LIM	>299	✓	0.27	28.6	28.7	✓	N/A
12/L2	Hob 1	А	E	1	6	2.5	0.4	61009 RCD/RCBO	С	32	10	30	0.54	N/A	N/A	N/A	N/A	0.04	N/A	250	LIM	>299	✓	0.24	28.6	28.5	<b>✓</b>	N/A
13/L2	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Details o	f circuits and/or installed e	quip	nent v	ulner	able to	damage	when	testing	Dat	e(s) c	dead t	testing	08/07/	/2022	То	08/07/2	022	Date	e(s) live	testing		08/07/2	022	т	0	08/07	7/2022	
Tested b	y: Name (capital letters)	TF	RE LEVI	 ER			ТР	osition Electr	ical T	est En	gineer			Date 0	8/07/202	22		]	Si	gnature	1	Ta	//	7.				
	A PVC/PVC, B PVC cables in metallic Conduit, 0	PVC ca	bles in non-	metallic C	onduit, <b>D</b> PVC	cables in me	_					WA cables,					Work, FN	I Ferrous Me	tal, <b>O</b> Other				_					$\neg$
A/A1 - Single 90°C rated (4	Core PVC Cables (4D1A), A/A2 - Multi E2A), G/G1 - Single-core armoured XL	core PV PE cabl	C Cables	(4D2A), C rated (	F/F1 - Sing 4E3A), G/G	gle-core arm 2 - Multi-co	noures PV	C SWA Cables (4E	03A), F	/F2 - PV rated (4E	C SWA E4A), H/I	Cables (4	1D4A), A/A3	- PVC Twir	n & Earth (4	4D5), O/O1	- LSF si	ngle core o	ables 90°C	rated (4E	1A), O/O2 -	- Multi-cor	e LSF ca	bles				

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			CI	RCU	IT DE	TAILS													TE	ST RE	SULT	S						
Ci and	Distribution board Designation	Туре	77	N <sub>o</sub>		conductors (mm²)	disi	Overcurrent devid		tive	Brea	oper	BS 7671 Max.		(	Circuit impe	edance	Ω			ation resis		Po	Meas	RCD	testing	Manua button o	
ircuit	DB/CL8	be of w	Ref. met	으			Maximum sconnection		Туре	Rating (A)	Breaking capacity	RCD operating	permitted Zs Other		final circu sured end		Fig 8	complet	uits to be ted using	Test voltage	L/L, L/N	L/E, N/E	Polarity	Max. Measured	Above 30mA IAn	30mA or below 5 IAn	RCD	AFDD
No No	2 SPARE N/A																											
14/L2	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
15/L2	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
16/L2	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
17/L2	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
18/L2	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	2 SPARE N/A																											
																$\square$												
	2 SPARE INA																											
							$\perp$																					
Details o	of circuits and/or installed	equip	ment v	ulner	able to	damage	e when	testing	Dat	e(s)	lead t	esting	08/07	2022	То	08/07/2	022	Date	e(s) live	testing		08/07/20	)22	To	o	08/07	7/2022	
																			Si	gnature	/	1		7.				
Tested b	y: Name (capital letters)	TF	RE LEV	ER			F	Position Elect	rical T	est En	gineer			Date 0	8/07/202	2		]			-12	7/2	<					
Wiring Types.	A PVC/PVC, B PVC cables in metallic Conduit,	C PVC ca	ibles in non	-metallic C	Conduit, <b>D</b> PV	C cables in m	etallic trunkir	ng, E PVC cables in no	n-metalli	trunking,	F PVC/S\	VA cables,	G SWA/XPLE	cables, H M	ineral Insulat	ted, MW Metal	Work, FN	l Ferrous Met	tal, O Other									
A/A1 - Single 90°C rated (4	e Core PVC Cables (4D1A), A/A2 - Mult 4E2A), G/G1 - Single-core armoured XI	icore PV .PE cabl	/C Cables les or 90°	(4D2A) C rated	, F/F1 - Sin (4E3A), G/0	gle-core an 32 - Multi-c	moures P\ ore armou	/C SWA Cables (4) red XLPE cables o	D3A), F r 90°C	/F2 - PV rated (4I	C SWA E4A), H/I	Cables (	4D4A), A/A3 C exposed to	- PVC Twin touch (4G	n & Earth (4 1A)	4D5), O/O1	- LSF si	ngle core c	ables 90°C	rated (4E	1A), O/O2 -	- Multi-core	e LSF ca	ables				

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			CII	RCU	IT DE	ΓAILS													TE	ST RE	SULT	ſS						
and	Distribution board Designation	Тур	, z	N C		onductors (mm²)	dis	Overcurrent device		tive	Brea cap	opera	BS 7671 Max.		С	ircuit impe	edance	Ω			ation resis		Pol	Max. Measure	RCD	testing	Manual button op	
ircuit	DB/CL8  DB/CL8  Circuit designation  DB/CL8  D															arity	Δ	Above 30mA IΔn	30mA or below	RCD	AFDD							
N N	Circuit designation $\begin{bmatrix} \frac{1}{2} & $															(√)	(✓)											
Details o	of circuits and/or installed	equip	nent v	ulnera	able to	damage	when	testing	Dat	e(s) d	lead t	estin	ng 08/07/	2022	То	08/07/2	022	Date	(s) live	testing		08/07/20	022	To		08/07	7/2022	
																			Się	gnature	/	1	_	7.				
Tested b	y: Name (capital letters)	TF	RE LEVE	ER			P	osition Electi	ical T	est En	gineer			Date 08	/07/202	2					-12	7/1						
Wiring Types.	A PVC/PVC, B PVC cables in metallic Conduit,	C PVC ca	bles in non-	metallic Co	onduit, <b>D</b> PVC	cables in me	etallic trunking	g, E PVC cables in no	n-metallic	trunking,	F PVC/SV	/A cable	es, G SWA/XPLE	cables, <b>H</b> Mir	neral Insulate	ed, <b>MW</b> Metal	l Work, FN	Terrous Met	al, O Other									
	Core PVC Cables (4D1A), A/A2 - Multi 4E2A), G/G1 - Single-core armoured XL															D5), O/O1	- LSF si	ngle core c	ables 90°C	rated (4E1	1A), O/O2	- Multi-core	e LSF cal	bles				

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Company	Name PHS Compliance					Compan	y Addr	ess Kid Glove	Roa	d					Postco	de WA3	3GR		Bran	ch No.				Schem	ie No.			
Client U	PP Residential Services Ltd					Installa	tion A				rsity Ba urrows		pus - Nanh sea	nyfer 12,	Reception	n - Grour	nd Floo	r Tower	Informati	on Centr	e, Fabiar	Po	stco	de SA1	8EN			
Distributio	n board details - Complete in	every	case			Complete	only if	the distributio	n boa	rd is r	ot con	nected	d directly	Char	acteristi	cs at this	distr	bution b	ooard			Te	st inst	rument	serial n	umber(s	(ن	
								e installation					•	Ass	ociated R	CD(if any):	BS (EN				oove 30m	A 🗐	Loop	impedano	e 10211	8371		$\neg$
Location	Service Riser (Schneider)					,		n board is from						N/A					Operating	at 1 I∆n	N/A ms	s Billins	sulation	resistano	e 10211	8371		一
Designation						Sub Mains  Overcurrent	(DB/IVI, Z							$Z_d$			of poles		Du		A or belov	σ.		Continuit	ty 10211	8371		$\neg$
Num. of wa	ys 20 Num. of polarity confirmed Phase se	•		ied	,     F	rotective de he distributi		BS(EN) 60947 Type	-	ing 160	A	Voltag	400 \	7   -		:A IΔn applicable)	N/A N/A		perating	at 5 IAn [	N/A ms	3 3 3		RC	D 10211	8371		
			CI	RCU	IT DE	TAILS													TE	ST RE	SULT	ſS						
anc	Distribution board Designation	Typ	, z	N <sub>O</sub> .		conductors (mm²)	dis	Overcurrent device		tive	Breaking capacity	RCD operating	BS 7671 Max.		(	Circuit impe	edance	Ω			ation resis rd lower re		Po	Max. Measured	RCD	testing	Manua button o	
Circuit and Line	DB Busbar 1	e of	Ref. m	으			Max		Туре	ار چ	king	ating	permitted Zs Other		final circu sured end-		Fig 8		uits to be ted using	Test voltage	L/L, L/N	L/E, N/E	Polarity	ured ×	Above 30mA	30mA or below	RCD	AFDD
	Circuit designation	Type of wiring	methoc	points	Z	СРС	Maximum disconnection	BS EN Number	e No.	Rating (A)	(KA)	(mA)	80%	r1	rn	r2	(√)		R2, not both	Voltage	Μ(Ω)	M(Ω)	(~)	Zs (Ω)	l∆n ms	5 I∆n ms	(√)	( </td
1/TD	Sub Mains(DB/LL3/L, DB/LL3/P)	D	В	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	<b>✓</b>	0.15	N/A	N/A	N/A	N/A
2/TP	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
3/TP	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
4/L1	Sub Mains(DB CL1)	А	В	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	✓	0.15	N/A	N/A	N/A	N/A
4/L2	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
4/L3	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
5/L1	Sub Mains(DB/CL2)	Α	В	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	✓	0.15	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	Sub Mains(DB/CL4)	Α	В	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	✓	0.17	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/CL7)	Α	В	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	✓	0.16	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
Details of	f circuits and/or installed e	equip	ment v	ulnera	able to	damage	when	testing	Dat	te(s)	dead t	esting	08/07	/2022	То	08/07/2	022	Date	e(s) live	testing		08/07/20	)22	T	o	08/07	7/2022	
Tested by	y: Name (capital letters)	ТІ	RE LEV	ER			F	osition Elect	rical T	est En	gineer			Date 0	8/07/202	2		]	Si	gnature	1	Ta		7.				
Wiring Types. A	PVC/PVC, <b>B</b> PVC cables in metallic Conduit, <b>C</b>	C PVC ca	bles in non-	metallic C	onduit, <b>D</b> PV	C cables in me	tallic trunkir	ng, <b>E</b> PVC cables in no	n-metalli	c trunking	, F PVC/S\	NA cables	, <b>G</b> SWA/XPLE	cables, H M	lineral Insulat	ed, <b>MW</b> Metal	Work, FN	I Ferrous Me	tal, <b>O</b> Other			-Str.						$\neg$
	Core PVC Cables (4D1A), A/A2 - Multi E2A), G/G1 - Single-core armoured XL															D5), O/O1	- LSF si	ngle core o	ables 90°0	rated (4E	1A), O/O2 -	- Multi-core	LSF ca	bles				

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

			CI	RCU	IT DE	TAILS													TE	ST RE	SULT	'S						
C	Distribution board Designation	Тур	, z	z			dis			tive	Brea cap	oper	BS 7671 Max.		(	Circuit impe	edance	Ω					Po	Ma Meas	RCD	testing		
Circuit and Line	DB Busbar 1	으		으		Ì	Maxir		Type	Rat (A	aking	RCD	Zs Other				Fig 8	comple	ted using	Test voltage	L/L, L/N	L/E, N/E	arity	ured 7-	Above 30mA	30mA or below	RCD	AFDD
N 0.	Circuit designation	iring	thod	oints	ż	CPC	num	BS EN Number	N N	ing	(KA)	(mA)	(Ω)	r1	rn	r2				V	M(Ω)	M(Ω)	(~)	(Ω)	ms	ms	(√)	(<)
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/L1	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
9/L2	Sub Mains(DB/CL8)	А	В	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	✓	0.16	N/A	N/A	N/A	N/A
9/L3	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/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	Part																											
12/TP	Control designation   Part   Control design																											
13/TP	SPARE	Secretary   Control   Co																										
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	Object   Control   Contr																											
16/TP	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
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
Details o	of circuits and/or installed	equip	ment v	/ulner	able to	damage	when	testing	Dat	e(s)	dead	testing	08/07	2022	То	08/07/2	022	Date	e(s) live	testing		08/07/20	022	To	0	08/07	7/2022	
																		Ī	Si	gnature	/	1		7.				
Tested b	oy: Name (capital letters)	ТІ	RE LEV	ER			F	osition Elect	ical T	est En	gineer			Date 0	8/07/202	2					-12	7/1	(					
Viring Types.	A PVC/PVC, B PVC cables in metallic Conduit	, C PVC ca	ables in non	-metallic C	Conduit, <b>D</b> PV	'C cables in me	etallic trunkir	ng, E PVC cables in no	n-metallio	trunking	, F PVC/S	WA cables	, <b>G</b> SWA/XPLE	cables, H M	lineral Insulat	ted, MW Metal	Work, FN	Ferrous Me	tal, <b>O</b> Other									
	e Core PVC Cables (4D1A), A/A2 - Mu 4E2A), G/G1 - Single-core armoured X															4D5), O/O1	- LSF si	ngle core o	ables 90°C	rated (4E	1A), O/O2 -	- Multi-core	e LSF ca	bles				

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#### Requirements for Electrical Installations BS 7671:2018 (IET Wiring Regulations 18<sup>th</sup> Edition)

	BB Busbar 1  O D D D D D D D D D D D D D D D D D D																											
and	Distribution board Designation	button board Designation usbar 1  If the designation with a signature of the signature of t														Circuit imp	edance	Ω						Ma Meas	RCD	testing		
ircuit	Distribution board Designation  Distribution board Designation										below	RCD	AFDD															
	Distribution board Designation  DB Busbar 1																											
Details o	of circuits and/or installed e	quip	ment v	ulner	able to	damage	when	testing	Dat	e(s) d	lead t	esting	08/07/	2022	То	08/07/2	2022	Date	(s) live	testing		08/07/20	)22	To		08/07	7/2022	
																			Sig	gnature	/		_	7.				
Tested b	y: Name (capital letters)	TF	RE LEVI	ER			P	osition Electi	ical T	est En	gineer			Date 08	3/07/202	2		]			-12	7/1	(					
Wiring Types.	A PVC/PVC, B PVC cables in metallic Conduit, 0	C PVC ca	bles in non-	metallic C	Conduit, <b>D</b> PVC	cables in me	etallic trunking	g, E PVC cables in no	n-metallic	trunking,	F PVC/SV	VA cables	, G SWA/XPLE	cables, H Mi	neral Insulate	ed, <b>MW</b> Meta	l Work, FN	l Ferrous Meta	al, O Other									
	Core PVC Cables (4D1A), A/A2 - Multi E2A), G/G1 - Single-core armoured XL															ID5), O/O1	- LSF si	ngle core ca	ables 90°C	rated (4E	1A), O/O2	- Multi-core	e LSF cat	oles				

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Company	/ Name PHS Compliance					Compan	y Addı	ress Kid Glove	Roa	d					Postco	de WA3	3GR		Bran	ch No.			$\neg$	Schem	e No.			$\neg$
Client U	PP Residential Services Ltd					Installa	tion A						pus - Nanl	nyfer 12,	Reception	n - Grou	nd Floo	r Tower	 Informati	on Centr	e, Fabiar	Po	ostco	de SA1	8EN	_	_	$\equiv$
												s, Swan		1.00														
Distributio	n board details - Complete i	n ever	y case					the distributione installation	n boa	ard is i	not coi	nected	directly			cs at thi			ooard	Δ.	oove 30mA	_				umber(s	•)	
Location	2nd Floor Riser (Schneider)					Supply to d	Iistributio	n board is from						N/A		CD(if any):	DO (EI		Operating			. 월		impedano				
Designation	DB/LL3/P					Sub Mains	(DB Bus	bar 1, 1/TP)						Z <sub>d</sub> 0		Ω No.	of pole:				A or below	⇒   In	sulatior	resistano				
Num. of wa	ys 8 Num. c	of phas	es 3			Overcurrent	i <b>6</b>	BS(EN) 88-2 H	IRC					I <sub>pf</sub> 2	.98 H	<sub>κΑ</sub> ΙΔτ	N/A		Operating	at 5 l∆n	N/A ms	e e			ty 10211			
Supply	polarity confirmed  Phase s	sequenc	e confirn	ned 🔽		rotective de he distributi		: Type gG	Rat	ing 63		Voltag	e 400	V Time	delay (if	applicable	) N	۹ .		-				RC	D 10211	8371		
			CI	RCU	IT DE	TAILS													TE	ST RE	SULT	S						
an	Distribution board Designation	Туре	<sub>"</sub>	7		conductors (mm²)	d:	Overcurrent device		ctive	Breaking capacity	RCD operating	BS 7671 Max.		(	Circuit imp	edance	Ω			ation resis		Pc	Mea:	RCD	testing	Manua button o	
Circuit No. and Line No.	DB/LL3/P	T e o	Ref. r	No. of	- 554		Maximum disconnection	4071	1	T 70	aking pacity	ating	permitted Zs Other		final circu		9.7		uits to be	Test	L/L,	L/E,	Polarity	Max. //easured	Above 30mA	30mA or below	RCD	AFDD
6 ≒ 7 7	Circuit designation	of wiring	method	points	L Z	СРС	Necti	BS EN	Type N	Rating (A)			80%	<u> </u>	sured end-	T	Fig 8 check		ted using R2, not both	voltage	L/N	N/E	1, ,	Zs	I∆n	5 I∆n	, ,	1
ੁ ਨੂ	Circuit designation	ng	<u>8</u>	<u> </u> is	z	၂ ဂိ	유불	Number	0	<u> </u>	(KA)	(mA)	(Ω)	r1	rn	r2	(√)	R1 + R2	R2	V	Μ(Ω)	M(Ω)	(~)	(Ω)	ms	ms	(~)	(~)
1/L1	Sockets GF,1st,2nd	А	E	12	2x2.5	2x1.5	0.4	61009 RCD/RCBO	С	32	10	30	0.54	1.38	1.39	1.87	✓	0.81	N/A	250	LIM	>299	✓	0.53	28.9	22.9	<b>✓</b>	N/A
1/L2	Sockets Corridor 3rd Floor	А	E	7	2x2.5	2x1.5	0.4	61009 RCD/RCBO	С	32	10	30	0.54	1.08	1.10	1.66	✓	0.68	N/A	250	LIM	>299	✓	0.47	28.9	24.0	<b>✓</b>	N/A
1/L3	Sockets Corridor 4th Floor	А	E	7	2x2.5	2x1.5	0.4	61009 RCD/RCBO	С	32	10	30	0.54	1.18	1.18	1.77	✓	0.73	N/A	250	LIM	>299	<b>✓</b>	0.51	33.8	27.4	<b>✓</b>	N/A
2/L1	AOV 2nd Floor	А	E	1	2.5	1.5	0.4	61009 RCD/RCBO	С	10	10	30	1.75	N/A	N/A	N/A	N/A	0.23	N/A	250	LIM	>299	✓	0.40	38.7	24.4	<b>✓</b>	N/A
2/L2	AOV 2nd Floor	А	E	1	2.5	1.5	0.4	61009 RCD/RCBO	С	10	10	30	1.75	N/A	N/A	N/A	N/A	0.26	N/A	250	LIM	>299	✓	0.45	29.8	27.8	<b>✓</b>	N/A
2/L3	AOV 2nd Floor	А	E	1	2.5	1.5	0.4	61009 RCD/RCBO	С	10	10	30	1.75	N/A	N/A	N/A	N/A	0.23	N/A	250	LIM	>299	<b>✓</b>	0.40	29.8	24.8	<b>✓</b>	N/A
3/L1	AOV 3rd Floor	А	E	1	2.5	1.5	0.4	61009 RCD/RCBO	С	10	10	30	1.75	N/A	N/A	N/A	N/A	0.27	N/A	250	LIM	>299	<b>✓</b>	0.44	38.9	33.9	<b>✓</b>	N/A
3/L2	AOV 3rd Floor	А	E	1	2.5	1.5	0.4	61009 RCD/RCBO	С	10	10	30	1.75	N/A	N/A	N/A	N/A	0.25	N/A	250	LIM	>299	<b>✓</b>	0.46	44.8	38.6	<b>✓</b>	N/A
3/L3	AOV 3rd Floor	А	E	1	2.5	1.5	0.4	61009 RCD/RCBO	С	10	10	30	1.75	N/A	N/A	N/A	N/A	0.27	N/A	250	LIM	>299	<b>✓</b>	0.46	43.8	24.9	<b>✓</b>	N/A
4/L1	AOV 4th Floor	А	E	1	2.5	1.5	0.4	61009 RCD/RCBO	С	10	10	30	1.75	N/A	N/A	N/A	N/A	0.28	N/A	250	LIM	>299	✓	0.45	38.7	28.7	✓	N/A
4/L2	AOV 4th Floor	А	E	1	2.5	1.5	0.4	61009 RCD/RCBO	С	10	10	30	1.75	N/A	N/A	N/A	N/A	0.28	N/A	250	LIM	>299	✓	0.47	37.6	22.7	✓	N/A
4/L3	AOV 4th Floor	А	E	1	2.5	1.5	0.4	61009 RCD/RCBO	С	10	10	30	1.75	N/A	N/A	N/A	N/A	0.27	N/A	250	LIM	>299	✓	0.47	28.9	22.7	✓	N/A
Details o	f circuits and/or installed	equip	ment v	/ulner	able to	damage	when	testing	Da	te(s)	dead	testing	06/07	/2022	То	06/07/2	022	Date	e(s) live	testing		06/07/2	022	т	o 🗌	06/07	7/2022	
																			Si	gnature	)	1	-	7.				
Tested b	y: Name (capital letters)	Т	RE LEV	ÆR			F	Position Elect	rical 1	est Er	gineer			Date 0	6/07/202	2					-12	1/1	(					
Wiring Types. A	PVC/PVC, <b>B</b> PVC cables in metallic Conduit	, <b>C</b> PVC c	ables in non	ı-metallic (	Conduit, <b>D</b> PV	C cables in me	etallic trunki	ng, <b>E</b> PVC cables in no	n-metall	ic trunking	, F PVC/S	WA cables	, <b>G</b> SWA/XPLE	cables, <b>H</b> M	lineral Insulat	ed, <b>MW</b> Meta	l Work, FN	Ferrous Me	tal, <b>O</b> Other									
A/A1 - Single 90°C rated (4	Core PVC Cables (4D1A), A/A2 - Mu E2A), G/G1 - Single-core armoured X	Iticore P	VC Cables	s (4D2A)	, F/F1 - Sin (4E3A), G/9	gle-core am	noures P\	/C SWA Cables (4)	D3A), F	F/F2 - P	VC SWA	Cables (	4D4A), A/A3	- PVC Twir	n & Earth (4	4D5), O/O1	- LSF si	ngle core o	ables 90°0	c rated (4E	1A), O/O2 -	Multi-cor	e LSF ca	ables				

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

			CI	RCU	IT DE	TAILS													TE	ST RE	SUL	ΓS						
Ci	Distribution board Designation	Тур	ק	z			disc			ctive	Brea	opera	BS 7671 Max.		(	Circuit imp	edance	Ω					Po	Ma Meas	RCD	testing		
ircuit Line	DB/LL3/P	으	ef. m	으			Max		ΨŢ	R <sub>a</sub>	acity	ating	Zs Other				Fig	comple	ted usina	Test	L/L,	L/E, N/F	arity	ured	Above 30mA	30mA or below	RCD	AFDE
No.	Circuit designation	wiring	ethod	oints	Z Z	СРС	imum	BS EN Number	e No.	ting	(KA)	(mA)	(Ω)	r1	rn	r2	1 "			Voltage	M(Ω)	M(Ω)	(~)	Zs (Ω)	IΔn ms	5 IΔn ms	(√)	
5/L1	AOV 4th Floor	А	E	1	2.5	1.5	0.4	61009 RCD/RCBO	С	10	10	30	1.75	N/A	N/A	N/A	N/A	0.26	N/A	250	LIM	>299	<b>✓</b>	0.47	44.9	38.9	<b>✓</b>	N/A
5/L2	Access Control	А	E	1	2.5	1.5	0.4	61009 RCD/RCBO	С	16	10	30	1.09	N/A	N/A	N/A	N/A	0.12	N/A	250	LIM	>299	<b>✓</b>	0.30	37.6	24.8	✓	N/A
5/L3	MAG Lock	А	E	1	2.5	1.5	0.4	61009 RCD/RCBO	С	10	10	30	1.75	N/A	N/A	N/A	N/A	0.14	N/A	250	LIM	>299	<b>✓</b>	0.34	35.9	23.9	✓	N/A
6/L1	Fire Shutter GF,1st Floor	А	E	2	2.5	1.5	0.4	61009 RCD/RCBO	С	10	10	30	1.75	N/A	N/A	N/A	N/A	0.16	N/A	250	LIM	>299	<b>✓</b>	0.38	49.8	33.8	✓	N/A
6/L2	Distribution board Designation   DB/LL3/P   DB/LL3/P   Circuit designation   DB/LS/P   Circu																											
6/L3	Fire Shutter 4th Floor	А	E	1	2.5	1.5	0.4		С	10	10	30	1.75	N/A	N/A	N/A	N/A	0.25	N/A	250	LIM	>299	<b>✓</b>	0.44	22.8	18.8	✓	N/A
7/L1	Part																											
7/L2	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
7/L3	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
8/L1	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
8/L2	Distribution board Designation   Part   Distribution board Designation   Distribution   Distribution board Designation   Distribution Designation   Dis																											
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
		┝									┝	$\vdash$																
														$\vdash$														$\vdash$
												$\vdash$		-														_
Details o	of circuits and/or installed	equip	ment v	ulner	able to	damage	when	testing	Dat	te(s)	dead	testing	06/07	/2022	То	06/07/2	2022	Date	e(s) live	testing		06/07/20	)22	Т.	0	06/07	7/2022	
																		]	Si	gnature	. /	1	/	7.				
ested l	oy: Name (capital letters)	TI	RE LEV	ER			P	osition Electr	ical T	est En	gineer			Date 0	6/07/202	2					-12	7/1	(					

A/A1 - Single Core PVC Cables (4D1A), A/A2 - Multicore PVC Cables (4D2A), F/F1 - Single-core armoures PVC SWA Cables (4D3A), F/F2 - PVC SWA Cables (4D4A), A/A3 - PVC Twin & Earth (4D5), O/O1 - LSF single core cables 90°C rated (4E1A), O/O2 - Multi-core LSF cables 90°C rated (4E2A), G/G1 - Single-core armoured XLPE cables or 90°C rated (4E3A), G/G2 - Multi-core armoured XLPE cables or 90°C rated (4E4A), H/H1 - MICC exposed to touch (4G1A)

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#### Requirements for Electrical Installations BS 7671:2018 (IET Wiring Regulations 18<sup>th</sup> Edition)

			CI	RCU	IT DE	ΓAILS													TE	ST RE	SULT	S						
and	Distribution board Designation	Тур	Ref	z		onductors (mm²)	disc	Overcurrent device		tive	Brea cap	opera	BS 7671 Max.		C	Circuit impe	edance	Ω			ation resis d lower re		Pol	Max. Measure	RCD	testing		al test operation
ircuit	DB/LL3/P	e of w	ef. me	o. of p	_		Maxir		Туре	Rat (A	king	RCD	Zs Other		inal circui ured end-		Fig 8	complet	its to be ed using	Test voltage	L/L, L/N	L/E, N/E	arity	٥	Above 30mA	30mA or below	RCD	AFDD
8 8 6 6	Circuit designation	iring	thod	oints	ż	СРС	num	BS EN Number	No.	ing	(KA)	(mA)	(Ω)	r1	rn	r2	(<)			V	Μ(Ω)	Μ(Ω)	(~)	(Ω)	ms	ms	(√)	(√)
	E TO STATE OF THE																											
Details o	of circuits and/or installed e	quip	ment v	ulnera	able to	damage	when	testing	Dat	e(s) c	lead t	esting	06/07/	2022	То	06/07/2	022	Date	e(s) live	testing		06/07/20	)22	To	- <u> </u>	06/07	7/2022	
																			Si	gnature	/	1	/	7.				
Tested b	y: Name (capital letters)	TF	RE LEVE	ER			P	osition Electr	ical Te	est En	gineer			Date 06	6/07/202	2					-12	1/1						
Wiring Types.	A PVC/PVC, B PVC cables in metallic Conduit,	C PVC ca	bles in non-	metallic Co	onduit, <b>D</b> PVC	cables in me	etallic trunking	g, E PVC cables in nor	n-metallic	trunking,	F PVC/SV	VA cables	, <b>G</b> SWA/XPLE	cables, H Mi	neral Insulat	ed, <b>MW</b> Metal	l Work, FN	Ferrous Met	tal, O Other									
	e Core PVC Cables (4D1A), A/A2 - Multi 4E2A), G/G1 - Single-core armoured XL															ID5), O/O1	- LSF si	ngle core c	ables 90°C	rated (4E	1A), O/O2 -	Multi-core	e LSF cal	oles				

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Company	/ Name PHS Compliance				С	ompany	/ Addr	ess Kid Glove	Road	t					Postco	de WA3	3GR		Bran	ch No.				Schem	e No.			
Client U	PP Residential Services Ltd					Installa	tion A							nyfer 12,	Receptio	n - Grour	nd Floo	r Tower	Informati	on Centr	e, Fabiar	Po	stco	de SA1	8EN			
Distributio	n board details - Complete in	ovorv				omplete	only if		Postcode   Postcode	٠١																		
	II board details - Complete iii	every	case					e installation	Sexuancea University Bay Campus - Nanhyfer 12, Reception - Ground Floor Tower Information Centre, Fabian    Postode   SA1 8EN																			
Location	2nd Floor Kitchen LHS (Schne	ider)				Supply to di	stributio	n board is from							Jointou I Te	,, a.i.y).	DO (L.		Operating	_		, <u>8</u>						=
Designation	DB/CL2					Sub Mains(	DB Bush	oar 1, 5/L1)						Characteristics at this distribution board   Associated RCD(if any): BS (EN)   Operating at 1 IAn   N/A   M/A   M/A   M/A   M/A   N/A   N/A		$\dashv$												
Num. of wa	ys 18 Num. of	phase	s 1			vercurrent otective de	vice for	BS(EN) 88-2 H	RC					l <sub>pf</sub> 1.	.48 k	A IΔn	Continuity   Co			==								
Supply	polarity confirmed  Phase se	equence	e confirm	ed		e distribution		: Type gG	Rati	ng 63		Voltag	e 230	/ Time	delay (if a	applicable)	N/	\		_				RC	D 10211	8371		
			CII	RCU	IT DE	ΓAILS													TE	ST RE	SULT	rs						
anc	Distribution board Designation	Type	, ,	N <sub>O</sub> .		onductors (mm²)	dis			tive	Brea	opera	Max.		C	ircuit impe	edance	Ω					Po	Meas	RCD	testing		
Circuit and Line	DB/CL2	e of	Ref. m	으			Maximum disconnection		Τyp	ال کا	king	ating	Zs Other				Fig	Tower Information Centre, Fabian   Postcode   SA1 8EN		RCD	AFDD							
NO E	Circuit designation	of wiring	method	points	Z	СРС	imu	BS EN	ĕ	≥ ating				<u> </u>	T	T		R1R2 or F	R2, not both				(2)		1	1 1	(2)	( </td
9 9		<u> </u>	l ā	K	l Z	O	<u>5</u>	Number 61009	 I		(* = 1)	(,	(12)		1 ""	12	( < )	R1 + R2	R2	l V	M(Ω)	M(Ω)	( , ,	(52)	ms	ms	(,,	(,,
1/L1	Common Room Lights	Α	E	9	1.5	1	0.4	RCD/RCBO	С	10	10	30	1.75	N/A	N/A	N/A	N/A	0.30	N/A	250	LIM	>299	<b>✓</b>	0.46	29.8	23.8	<b>✓</b>	N/A
2/L1	Rooms 3,4,5 Lights	Α	E	18	1.5	1	0.4	61009 RCD/RCBO	С	10	10	30	1.75	N/A	N/A	N/A	N/A	0.52	N/A	250	LIM	>299	✓	0.69	38.7	28.6	✓	N/A
3/L1	Rooms 1,2 Lights	А	E	12	1.5	1	0.4	61009 RCD/RCBO	С	10	10	30	1.75	N/A	N/A	N/A	N/A	0.39	N/A	250	LIM	>299	✓	0.55	39.7	28.7	✓	N/A
4/L1	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
5/L1	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	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	Ring Main Room 1,2	А	E	18	2x2.5	2x1.5	0.4	61009 RCD/RCBO	С	32	10	30	0.54	0.38	0.37	0.52	✓	0.22	N/A	250	LIM	>299	✓	0.42	39.7	27.9	✓	N/A
7/L1	Ring Main Room 3,4,5	А	E	21	2x2.5	2x1.5	0.4	61009 RCD/RCBO	С	32	10	30	0.54	0.26	0.26	0.39	✓	0.16	N/A	250	LIM	>299	✓	0.50	39.9	27.8	✓	N/A
8/L1	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
9/L1	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	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	Ring Main Common Room 1	А	E	6	2x2.5	2x1.5	0.4	61009 RCD/RCBO	С	32	10	30	0.54	0.35	0.34	0.44	✓	0.18	N/A	250	LIM	>299	✓	0.38	37.8	37.5	✓	N/A
11/L1	Ring Main Common Room 2	Α	E	9	2x2.5	2x1.5	0.4	61009 RCD/RCBO	С	32	10	30	0.54	0.26	0.27	0.38	✓	0.14	N/A	250	LIM	>299	✓	0.26	37.8	33.2	✓	N/A
12/L1	Hob	А	E	1	6	2.5	0.4	61009 RCD/RCBO	С	32	10	30	0.54	N/A	N/A	N/A	N/A	0.06	N/A	250	LIM	>299	✓	0.24	40.1	38.8	✓	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
Details o	f circuits and/or installed e	quip	ment v	ulnera	able to	damage	when	testing	Dat	e(s)	dead t	testing	07/07	/2022	То	07/07/2	022	Date	e(s) live	testing		07/07/20	)22	T	0	07/07	//2022	
																			Si	gnature	Centre, Fabian   Postcode   SA1 8EN							
Tested b	y: Name (capital letters)	TF	RE LEVI	R			P	Position Electr	ical T	est En	gineer			Date 0	7/07/202	2					-12	7/2	(					
Wiring Types. A	PVC/PVC, <b>B</b> PVC cables in metallic Conduit, <b>C</b>	PVC ca	bles in non-	metallic C	onduit, <b>D</b> PVC	cables in me	tallic trunkin	ng, E PVC cables in nor	-metallio	c trunking	, F PVC/S	WA cables	, <b>G</b> SWA/XPLE	cables, H M	ineral Insulate	ed, <b>MW</b> Metal	Work, FN	l Ferrous Me	tal, O Other									
A/A1 - Single 90°C rated (4	Core PVC Cables (4D1A), A/A2 - Multi- E2A), G/G1 - Single-core armoured XL	core PV PE cabl	C Cables	(4D2A),	F/F1 - Sing 4E3A), G/G	gle-core arm 2 - Multi-co	oures PV	/C SWA Cables (4D	03A), F	/F2 - P\ rated (4	/C SWA E4A), H/	Cables ( H1 - MIC	4D4A), A/A3 C exposed to	- PVC Twin	& Earth (4 1A)	D5), O/O1	- LSF si	ngle core c	ables 90°C	rated (4E	1A), O/O2	- Multi-core	e LSF ca	ibles				

FT/EICR 110149905



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

			CI	RCU	IT DE	TAILS													TE	ST RE	SULT	S						
ano	Distribution board Designation	Туре	70	No.		conductors (mm²)	dis	Overcurrent devi		tive	Brea	oper	BS 7671 Max.			Circuit imp	edance	Ω			ation resis		Po	Meas	RCD	testing		al test operation
Circuit and Line	DB/CL2	be of wiring	Ref. method	으			Maximum disconnection	BS EN	Туре	Ratir (A)	Breaking capacity	RCD operating	permitted Zs Other		final circu ured end		Fig 8	comple	uits to be ted using R2, not both	Test voltage	L/L, L/N	L/E, N/E	Polarity	Max. s	Above 30mA IΔn	30mA or below 5 IΔn	RCD	AFDD
<u>Z</u> <u>Z</u>	Circuit designation	ring	hod	points	ž	СРС	fig II	Number	O	9	(KA)	(mA)	(Ω)	r1	rn	r2	(~)	R1 + R2	R2	V	Μ(Ω)	M(Ω)	(<)	(Ω)	ms	ms	(√)	(√)
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
			Ì						ĺ			Ì													Ì			
Details o	of circuits and/or installed	eauin	ment v	/ulner:	able to	damage	· when	testing	Dat	te(s)	dead :	testing	07/07	/2022	То	07/07/2	022	Date	e(s) live	testing		07/07/20	)22	т.		07/07	7/2022	
_ 5.0.10 (		- daib		J., 101		Lamage			Dui	.5(5)	Loud	.500116	3.7017			2.70.72				gnature		/ /		= "		3.,3		
Tested b	by: Name (capital letters)	TI	RE LEV	ER			F	Position Elect	rical T	est Er	gineer			Date 0	7/07/202	22		i	٥.	J	-12	7/1	/	/ :				
Wiring Types.	A PVC/PVC, B PVC cables in metallic Conduit,	C PVC ca	ibles in non	-metallic C	onduit, <b>D</b> PV	C cables in me	etallic trunkir	ng, <b>E</b> PVC cables in no	n-metalli	c trunking	, <b>F</b> PVC/S	WA cables		_			l Work, FN	■ ¶ Ferrous Me	tal, O Other			*						
A/A1 - Single	e Core PVC Cables (4D1A), A/A2 - Mult 4E2A), G/G1 - Single-core armoured XI	icore P\	/C Cables	s (4D2A),	, F/F1 - Sin	gle-core arr	moures P\	/C SWA Cables (4	D3A), F	/F2 - P	/C SWA	Cables (	4D4A), A/A3	- PVC Twin	n & Earth (	4D5), O/O1	- LSF si	ngle core o	ables 90°0	rated (4E	1A), O/O2	- Multi-core	e LSF ca	bles				

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			CI	RCU	IT DE	ΓAILS													TE	ST RE	SULT	S						
anc	Distribution board Designation	Тур	70	N <sub>o</sub>		onductors (mm²)	dis	Overcurrent device		tive	Brea	oper	BS 7671 Max.		C	Circuit impe	edance	Ω			ition resis d lower re		Po	Max Measu	RCD	testing	Manua button op	
Circuit and Line	DB/CL2	oe of w	Ref. me	o. of po			Maxir	D0 511	Туре	Ratir (A)	aking	RCD	zs Other		inal circui ured end-		Fig 8	All circuit complete R1R2 or R2	dusing	Test voltage	L/L, L/N	L/E, N/E	larity	ired Zs	Above 30mA IΔn	30mA or below 5 I∆n	RCD	AFDD
Z Z o o	Circuit designation	wiring	thod	oints	ż	CPC	ximum	BS EN Number	No.	ng	(KA)	(mA)	(Ω)	r1	rn	r2	(~)	R1 + R2	R2	v	M(Ω)	Μ(Ω)	(√)	(Ω)	ms	ms	(√)	(√)
Details o	of circuits and/or installed	equipr	ment v	ulnera	able to	damage	when	testing	Date	e(s) d	lead t	estin	g 07/07/	2022	То	07/07/2	022	Date(	,	testing	_	07/07/20	022	To	o	07/07	/2022	
Tested b	y: Name (capital letters)	TF	RE LEVI	ER			Р	osition Electr	rical Te	est Enç	gineer			Date 07	//07/202:	2		1	SIĘ	griature	1	7/1	7	/ -				
Wiring Types.	A PVC/PVC, B PVC cables in metallic Conduit,	C PVC cal	bles in non-	metallic Co	onduit, <b>D</b> PVC	cables in me	tallic trunkin	g, E PVC cables in nor	n-metallic	trunking,	F PVC/SV	/A cables	s, <b>G</b> SWA/XPLE	cables, H Mir	neral Insulate	ed, <b>MW</b> Metal	l Work, FN	■ I Ferrous Metal	, O Other									
	e Core PVC Cables (4D1A), A/A2 - Mult 4E2A), G/G1 - Single-core armoured XI															ID5), O/O1	- LSF si	ngle core cal	oles 90°C	rated (4E1	A), O/O2	- Multi-core	e LSF cat	oles				

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Company	y Name PHS Compliance					Compan	y Addr	ess Kid Glove	Roa	d					Postco	de WA3	3GR		Bran	ch No.				Schem	e No.			
Client U	PP Residential Services Ltd					Installa	tion A						pus - Nanh	yfer 12,	Receptio	n - Grour	nd Floc	r Tower	Informati	on Centr	e, Fabiar	n Po	stco	de SA1	8EN			
								Way	y, Cry	mlyn B	urrows	, Swan	sea															
Distribution	on board details - Complete in	every	case					the distribution e installation	n boa	ırd is r	ot cor	nected	directly	Char	acteristi	cs at this	s distr	bution I	board			Tes	st inst	rument	serial n	umber(s	<b>s</b> )	
Location	Level 2 Kitchen RHS (Schneid	ler)			_	-	·	n board is from							ociated RC	CD(if any):	BS (EN	1)	Operating		bove 30m	ן עם	Loop i	impedanc	e 10211	8371		
Designation	·							par 2, 6/L1)						N/A Z <sub>d</sub> 0.	16 (	Ω No.	of poles		Operating	-	N/A ms	⇒ I Ins	sulation	resistanc	e 10211	8371		
Num. of wa		nhase	29 4			Overcurrent		BS(EN) 88-2 H	IRC					I <sub>pf</sub> 1.			N/A		Operating			σ		Continuit	ty 10211	8371		
	polarity confirmed  Phase se		1	ed		rotective de ne distributi		T		ing 63	Α	Voltag	e 230	;   <u> </u>		applicable				. [	IN/A	, -		RCI	D 10211	8371		_
	,	-,			-									1	, ,													
			CI	RCU	IT DE	TAILS													TE	ST RE	ESULT	S						
an	Distribution board Designation	Туре		_		conductors (mm²)	<u>g</u> .	Overcurrent device		ctive	Breaking capacity	RCD	BS 7671 Max.		C	Circuit impe	edance	Ω			ation resis		P P	Mea M	RCD	testing	Manua button o	
Circuit and Line	DB/CL3	0	Ref. r	No. of	- 554		Maximum disconnection	401.0		77	aking pacit	ating	permitted Zs Other		final circui		유고		uits to be	Test	L/L,	L/E,	Polarity	Max. Measured	Above 30mA	30mA or below	RCD	AFDD
ne No	Circuit designation	fwiring	method	points	r z	CPC	Nimic Tecti	BS EN	Type No	Rating (A)			80%	<u> </u>	ured end-	<del></del>	Fig 8 check	R1R2 or F	ted using R2, not both	voltage	L/N	N/E		Zs	IΔn	5 l∆n		
0 0	I Clicuit designation	l g	8	l is	z	ဂ <u>ိ</u>	9 3	Number		1 4	(KA)	(mA)	(Ω)	r1	rn	r2	(√)	R1 + R2	R2	V	Μ(Ω)	Μ(Ω)	( 🗸 )	(Ω)	ms	ms	(√)	(√)
1/L1	Common Room Lights	А	E	9	1.5	1	0.4	61009 RCD/RCBO	С	10	10	30	1.75	N/A	N/A	N/A	N/A	0.23	N/A	250	LIM	>299	✓	0.40	39.8	28.6	✓	N/A
2/L1	Lights Rooms 1,3,5	А	E	18	1.5	1	0.4	61009 RCD/RCBO	С	10	10	30	1.75	N/A	N/A	N/A	N/A	0.26	N/A	250	LIM	>299	✓	0.48	38.9	27.7	✓	N/A
3/L1	Lights Rooms 2,4,6	А	E	18	1.5	1	0.4	61009 RCD/RCBO	С	10	10	30	1.75	N/A	N/A	N/A	N/A	0.38	N/A	250	LIM	>299	✓	0.55	40.4	27.9	<b>✓</b>	N/A
4/L1	Lights Rooms 7,8	А	E	12	1.5	1	0.4	61009 RCD/RCBO	С	10	10	30	1.75	N/A	N/A	N/A	N/A	0.42	N/A	250	LIM	>299	✓	0.59	38.9	29.8	<b>✓</b>	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	Ring Main Rooms 1,3,5	А	E	21	2x2.5	2x1.5	0.4	61009 RCD/RCBO	С	32	10	30	0.54	0.31	0.31	0.44	✓	0.18	N/A	250	LIM	>299	✓	0.42	33.8	28.6	<b>✓</b>	N/A
7/L1	Ring Main Rooms 2,4,6	А	E	21	2x2.5	2x1.5	0.4	61009 RCD/RCBO	С	32	10	30	0.54	0.35	0.35	0.52	✓	0.21	N/A	250	LIM	>299	✓	0.49	38.8	27.9	<b>✓</b>	N/A
8/L1	Ring Main Rooms 7,8	А	E	18	2x2.5	2x1.5	0.4	61009 RCD/RCBO	С	32	10	30	0.54	0.44	0.45	0.60	✓	0.26	N/A	250	LIM	>299	✓	0.50	39.9	28.9	<b>/</b>	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	Ring Main Common Room 1	А	E	6	2x2.5	2x1.5	0.4	61009 RCD/RCBO	С	32	10	30	0.54	0.32	0.31	0.42	✓	0.17	N/A	250	LIM	>299	✓	0.30	39.8	27.8	<b>✓</b>	N/A
11/L1	Ring Main Common Room 2	А	E	9	2x2.5	2x1.5	0.4	61009 RCD/RCBO	С	32	10	30	0.54	0.33	0.33	0.44	✓	0.18	N/A	250	LIM	>299	✓	0.25	38.9	28.9	<b>✓</b>	N/A
12/L1	Hob 1	А	E	1	6	2.5	0.4	61009 RCD/RCBO	С	32	10	30	0.54	N/A	N/A	N/A	N/A	0.06	N/A	250	LIM	>299	✓	0.24	38.7	28.9	<b>✓</b>	N/A
Details o	f circuits and/or installed e	equip	ment v	ulner	able to	damage	when	testing	Da	te(s)	dead t	testing	07/07/	2022	То	07/07/2	022	Date	e(s) live	testing		07/07/20	)22	To	o	07/07	7/2022	
																			Si	gnature	9 /	1	/	7.				
Tested b	y: Name (capital letters)	TI	RE LEVI	ER			Р	osition Electi	rical T	est En	gineer			Date 0	7/07/202	2					-12	1/1	(					
Wiring Types.	A PVC/PVC, <b>B</b> PVC cables in metallic Conduit, 0	C PVC ca	bles in non-	metallic C	onduit, <b>D</b> PV	C cables in me	tallic trunkin	ng, E PVC cables in not	n-metalli	ic trunking	F PVC/S	WA cables,	G SWA/XPLE	cables, H M	ineral Insulate	ed, <b>MW</b> Metal	Work, FN	Ferrous Me	etal, <b>O</b> Other									
A/A1 - Single 90°C rated (4	Core PVC Cables (4D1A), A/A2 - Multi E2A), G/G1 - Single-core armoured XL	icore P\ .PE cabl	C Cables	(4D2A), C rated (	, F/F1 - Sin (4E3A), G/0	gle-core am 32 - Multi-co	noures PV ore armour	C SWA Cables (4I	D3A), F r 90°C	F/F2 - P\ rated (4)	C SWA E4A), H/	Cables (	4D4A), A/A3 C exposed to	PVC Twin	& Earth (4 1A)	D5), O/O1	- LSF si	ngle core o	cables 90°C	rated (4E	1A), O/O2	- Multi-core	LSF ca	bles				

FT/EICR 110149905



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

			CII	RCU	IT DE	<b>TAILS</b>													TE	ST RE	SULT	rs _							
and C	Distribution board Designation	Тур	על	N <sub>o</sub> .		onductors (mm²)	disc	Overcurrent device		tive	Breaking capacity	RCD operating	BS 7671 Max.		C	Circuit impe	edance	Ω			ation resis		Pol	Ma Meas	RCD	testing	Manu button		
Circuit	DB/CL3	Type of wiring	Ref. met	으	_		Maximum disconnection	DO EN	Type	Rating (A)	king	RCD	permitted Zs Other		final circui ured end-		Fig 8	comple	uits to be ted using R2, not both	Test voltage	L/L, L/N	L/E, N/E	Polarity	Max. s	Above 30mA IΔn	30mA or below 5 I∆n	RCD		
Z Z	Circuit designation	ring	method	points	ž	СРС	tion	BS EN Number	<u>S</u>		(KA)	(mA)	(Ω)	r1	rn	r2	(~)	R1 + R2	R2	V	Μ(Ω)	M(Ω)	(√)	(Ω)	ms	ms	(√)		
/L1	Hob 2	А	E	1	6	2.5	0.4	61009 RCD/RCBO	С	32	10	30	0.54	N/A	N/A	N/A	N/A	0.06	N/A	250	LIM	>299	✓	0.23	37.9	27.8	✓		
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		
L1	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A		
L1	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A		
L1	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A		
L1	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A		
ails d	of circuits and/or installed	equipi	ment v	ulnera	able to	damage	when	testing	Dat	e(s) c	lead t	esting	07/07/	2022	То	07/07/2	022	Date		_		07/07/20	22	т	o	07/07	7/2022	_	
ted b	by: Name (capital letters)	TF	RE LEVE	ER .			F	osition Electr	ical T	est En	gineer			Date 0	7/07/202	2	Sign												

90°C rated (4E2A), G/G1 - Single-core armoured XLPE cables or 90°C rated (4E3A), G/G2 - Multi-core armoured XLPE cables or 90°C rated (4E4A), H/H1 - MICC exposed to touch (4G1A)

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			CI	RCU	IT DE	ΓAILS													TE	ST RE	SULT	S						
and	Distribution board Designation	Тур	Ref	Z		onductors (mm²)	disc	Overcurrent   device	•	tive	Brea cap	opera	BS 7671 Max.		С	Circuit impe	edance	Ω			ation resis d lower re		Pole	Max. Measured	RCD	testing		al test operation
ircuit Line	DB/CL3	e of w	ef. met	o. of po	_		Maximum	BS EN	Туре	Ratir (A)	king	RCD	permitted Zs Other		inal circui ured end-		Fig 8	All circu complet R1R2 or R	ed using	Test voltage	L/L, L/N	L/E, N/E	arity	ured Zs	Above 30mA IΔn	30mA or below 5 IΔn	RCD	AFDD
No io	Circuit designation	ring	thod	oints .	ž	СРС	tion num	Number	N <sub>O</sub>	ng	(KA)	(mA)	(Ω)	r1	rn	r2	(~)	R1 + R2	R2	V	M(Ω)	M(Ω)	(√)	(Ω)	ms	ms	(√)	(√)
	of circuits and/or installed equipment vulnerable to damage when testing Date(s) dead testing 07/07/2022 To 07/07/2022 Date(s) live testing 07/07/2022 To 07/07/2022 Signature  by: Name (capital letters) TRE LEVER Position Electrical Test Engineer Date 07/07/2022  A PVC/PVC, B PVC cables in metallic Conduit, C PVC cables in non-metallic Conduit, D PVC cables in non-metallic Conduit, D PVC cables in non-metallic Conduit, C PVC cables in metallic Conduit, C PVC c																											
Details of	of circuits and/or installed e	quip	ment v	ulnera	able to	damage	when	testing	Date	e(s) d	ead t	esting	07/07/	2022	То	07/07/2	2022	Date	` '	J		07/07/20	)22	To	)	07/07	7/2022	
Tested b	by: Name (capital letters)	TF	RE LEVE	ER			P	osition Electr	ical Te	est Enç	gineer			Date 07	7/07/202	2		j	0.,	griataro	-12	7/1	7					
Wiring Types.	A PVC/PVC, B PVC cables in metallic Conduit, 0	PVC ca	bles in non-	metallic Co	onduit, <b>D</b> PVC	cables in me	etallic trunking	g, <b>E</b> PVC cables in non	n-metallic	trunking,	F PVC/SV	/A cables,	G SWA/XPLE	cables, H Mir	neral Insulate	ed, <b>MW</b> Metal	l Work, FN	Ferrous Met	al, O Other									
	e Core PVC Cables (4D1A), A/A2 - Multi 4E2A), G/G1 - Single-core armoured XL															ID5), O/O1	- LSF si	ngle core ca	ables 90°C	rated (4E	1A), O/O2 -	Multi-core	e LSF cat	oles				

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#### Requirements for Electrical Installations BS 7671:2018 (IET Wiring Regulations 18<sup>th</sup> Edition)

Company	Name PHS Comp	liance					Compan	y Addı	ress Kid Glove	Roa	d					Postco	de WA3	3GR		Bran	ch No.				Schem	e No.			$\neg$
Client U	PP Residential Servic	es Ltd					Installa	tion A		Test instrument serial number(s) Associated RCD(if any): BS (EN)   Associated RCD(if any): BS (EN)   Cop impedance   102118371   Continuity   (102118371   (1021		荁																	
						1.									1														
Distributio	n board details - Co	mplete in	every	case					the distributio ne installation	n boa	ard is	not co	nnected	l directly						ooard	•						`	;)	
Location	2nd Floor Riser (Sc	hneider)					_							Characteristics at this distribution board   Associated RCD(if any): BS (EN)   Operating at 1 IΔn   N/A   ms   Sq   1   Ma   M/A   Ma   Ma   Ma   M/A   M															
Designation	DB/LL3/L						Sub Mains	(DB Bus	bar 1, 1/TP)	Value   Crymyin Burrows, Swansea   Characteristics at this distribution board is not connected directly shall be considered in the connected directly shall be considered in the connected directly shall be connected directly and the connected directly shall be connected directly and the connected directly and the connected directly shall be connected directly and the connected																			
Num. of wa	ys 8	Num. of	f phase	es 3					BS(EN) 88-2 H	łRC																			
Supply	polarity confirmed 🗸	Phase s	equenc	e confirm	ned 🗸				Type gG	Rat	ing 63	/	Voltag	e 400	Time	delay (if	applicable	) NA	<b>\</b>		-				RC	D 10211	8371		
				CI	RCU	IT DE	TAILS				Characteristics at this distribution board   Associated RCD(if any): BS (EN)   Operating at 1 Ind   N/A   M/A   M/A   Operating at 1 Ind   N/A   M/A   M/																		
Circuit No. and Line No.	Distribution board Desig	nation	Type	71	z			dis			ctive	cap	oper	Characteristics at this distribution board   Associated RCD(if any): BS (EN)   Operating at 1 IAn   NIA   May															
d Lir	DB/LL3/L		l e o	Ref. r	No. of			. Ma			T	aking vacity	RCD	permitted Zs Other				유교			Test	L/L,	L/E,	larity	ax.			RCI	AFC
ō ≒ ZZ	Circuit designation		of wiring	method	points	L Z	유	necti	BS EN	pe z	(A)	: (// ^)			<u> </u>	T	T	ck 8			voltage	L/N		1, ,	Zs	IΔn		, ,	1
0 0	Circuit designation		l g	8	ाईड	z	ŏ	9 3	-		1 4	(KA)	(MA)	(Ω)	r1	rn	r2	(√)	R1 + R2	R2	V	Μ(Ω)	M(Ω)	( > )	(Ω)	ms	ms	( > )	( < )
1/L1	Corridor 2nd Floor Li	ghts	Α	E	12	1.5	1	0.4	RCD/RCBO	С	10	10	30	1.75	N/A	N/A	N/A	N/A	0.04	N/A	250	LIM	>299	✓	0.20	38.7	27.6	<b>✓</b>	N/A
1/L2	Corridor 3rd Floor Lig	jhts	Α	E	12	1.5	1	0.4	61009 RCD/RCBO	С	10	10	30	1.75	N/A	N/A	N/A	N/A	0.05	N/A	250	LIM	>299	✓	0.21	39.8	27.4	<b>✓</b>	N/A
1/L3	Corridor 4th Floor Lig	hts	А	E	12	1.5	1	0.4	61009 RCD/RCBO	С	10	10	30	1.75	N/A	N/A	N/A	N/A	0.03	N/A	250	LIM	>299	<b>✓</b>	0.20	37.8	22.4	<b>✓</b>	N/A
2/L1	Corridor 2nd Floor Li	ghts	А	E	14	1.5	1	0.4	61009 RCD/RCBO	С	10	10	30	1.75	N/A	N/A	N/A	N/A	0.02	N/A	250	LIM	>299	✓	0.18	39.9	28.9	<b>✓</b>	N/A
2/L2	Corridor 3rd Floor Lig	jhts	А	E	14	1.5	1	0.4	61009 RCD/RCBO	С	10	10	30	1.75	N/A	N/A	N/A	N/A	0.02	N/A	250	LIM	>299	✓	0.17	38.7	28.7	<b>✓</b>	N/A
2/L3	Corridor 4th Floor Lig	hts	А	E	14	1.5	1	0.4	61009 RCD/RCBO	С	10	10	30	1.75	N/A	N/A	N/A	N/A	0.01	N/A	250	LIM	>299	✓	0.17	29.7	27.8	<b>✓</b>	N/A
3/L1	Corridor 2nd Floor Li	ghts	А	E	12	1.5	1	0.4	61009 RCD/RCBO	С	10	10	30	1.75	N/A	N/A	N/A	N/A	0.02	N/A	250	LIM	>299	✓	0.19	36.7	29.8	<b>✓</b>	N/A
3/L2	Corridor 3rd Floor Lig	jhts	А	E	12	1.5	1	0.4	61009 RCD/RCBO	С	10	10	30	1.75	N/A	N/A	N/A	N/A	0.03	N/A	250	LIM	>299	<b>✓</b>	0.18	39.8	29.7	<b>✓</b>	N/A
3/L3	Corridor 4th Floor Lig	hts	А	E	12	1.5	1	0.4	61009 RCD/RCBO	С	10	10	30	1.75	N/A	N/A	N/A	N/A	0.02	N/A	250	LIM	>299	<b>✓</b>	0.17	38.9	29.8	<b>✓</b>	N/A
4/L1	Stairs 2nd Floor Ligh	ts	А	E	15	1.5	1	0.4	61009 RCD/RCBO	С	10	10	30	1.75	N/A	N/A	N/A	N/A	0.01	N/A	250	LIM	>299	✓	0.17	28.8	24.6	✓	N/A
4/L2	Stairs GF & 1F Lights	5	А	E	36	1.5	1	0.4	61009 RCD/RCBO	С	10	10	30	1.75	N/A	N/A	N/A	N/A	0.03	N/A	250	LIM	>299	✓	0.18	41.0	29.8	✓	N/A
4/L3	Lighting Controller		А	E	1	1.5	1	0.4	61009 RCD/RCBO	С	10	10	30	1.75	N/A	N/A	N/A	N/A	0.02	N/A	250	LIM	>299	✓	0.20	33.8	28.8	✓	N/A
Details o	f circuits and/or in	stalled (	equip	ment v	ulner	able to	1 0.4 RODRCBO C 10 10 30 1.75 N/A N/A N/A N/A 0.04 N/A 250 LIM 299																						
													Second   Second																
Tested b	y: Name (capital l	etters)	TI	RE LEV	ER			F	Position Elect	ical T	est Er	ngineer			Date 0	6/07/202	2					-12	1/2	(					
Wiring Types. A	PVC/PVC, <b>B</b> PVC cables in me	tallic Conduit,	C PVC ca	ables in non-	-metallic C	Conduit, <b>D</b> PV	'C cables in me	tallic trunkii	ng, <b>E</b> PVC cables in no	n-metall	ic trunking	g, <b>F</b> PVC/S	WA cables	G SWA/XPLE	cables, H M	lineral Insulat	ed, MW Meta	Work, FN	I Ferrous Me	tal, <b>O</b> Other									
A/A1 - Single 90°C rated (4	Core PVC Cables (4D1A), E2A), G/G1 - Single-core a	A/A2 - Mult	icore PV	/C Cables	(4D2A) C rated	, F/F1 - Sir (4E3A), G/	Supply to destribution board is from   Supply to destribution board is from   Supply to destribution or content   Supply   Supp																						

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

L1 SI L2 SI L3 SI TP SI	SPARE Stairs 3rd Floor Lights Stairs 4th Floor Lights SPARE	Type of wiring N/A A	Ref. method   A   E   E	No. of points N/A 15		Onductors (mm²) CPC	Maximum disconnection	Overcurrent device BS EN		(A)	Breaking capacity	RCD operating	BS 7671 Max. permitted		(	Circuit impe	edance	Ω			ation resis		Pol	Max. Measured		testing	button o	ıal test operati
Circle   C	Circuit designation  SPARE  Stairs 3rd Floor Lights  Stairs 4th Floor Lights  SPARE	N/A A	nethod N/A	of points	ž	<del>                                     </del>			Type I	(Sar	acity	│뾽낁	permitted													T	_	
Circle   C	SPARE Stairs 3rd Floor Lights Stairs 4th Floor Lights SPARE	N/A A	N/A E	N/A	ž	<del>                                     </del>			1 =		` "	g g	Zs Other		final circu ured end-		Fig 8	comple	uits to be ted using	Test voltage	L/L, L/N	L/E, N/E	Polarity	red Xs	Above 30mA IΔn	30mA or below 5 I∆n	RCD	AFDD
L2 SI L3 SI TP SI TP SI	SPARE         N/A         N/A<	(√)	(~																									
L3 SI TP SI	Stairs 4th Floor Lights	A	-	15			N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/
TP SI	SPARE		E		1.5	1	0.4	61009 RCD/RCBO	С	10	10	30	1.75	N/A	N/A	N/A	N/A	0.01	N/A	250	LIM	>299	✓	0.18	38.9	28.6	✓	N/
TP SI		N/A	-	15	1.5	1	0.4		С	10	10	30	1.75	N/A	N/A	N/A	N/A	0.02	N/A	250	LIM	>299	✓	0.18	39.8	28.7	✓	N/
_	SDARE	111/7	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/
TP SI	DI AIL	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
•	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
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etails of c	circuits and/or installed	equipr	nent v	ulnera	able to	l damage	when	testing	Da	te(s)	dead <sup>·</sup>	testing	06/07/	2022	То	06/07/2	022	   Date	e(s) live	testing	1	06/07/20	)22	Т.	0	06/07	7/2022	
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sted by:	: Name (capital letters)	TF	RE LEVE	ER			F	osition Elect	rical T	est E	ngineer			Date 0	6/07/202	2					-12	7/1	(					

A/A1 - Single Core PVC Cables (4D1A), A/A2 - Multicore PVC Cables (4D2A), F/F1 - Single-core armoures PVC SWA Cables (4D3A), F/F2 - PVC SWA Cables (4D4A), A/A3 - PVC Twin & Earth (4D5), O/O1 - LSF single core cables 90°C rated (4E1A), O/O2 - Multi-core LSF cables 90°C rated (4E2A), G/G1 - Single-core armoured XLPE cables or 90°C rated (4E3A), G/G2 - Multi-core armoured XLPE cables or 90°C rated (4E4A), H/H1 - MICC exposed to touch (4G1A)

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			CII	RCU	IT DET	ΓAILS													TE	ST RE	SULT	S						
and	Distribution board Designation	Тур	Ref	Zo	Circuit co	onductors (mm²)	disc	Overcurrent devi		tive	Brea capa	opera	BS 7671 Max.		С	Circuit imp	edance	Ω		1	ation resis d lower re		Pol	Max. Measure	RCD	testing		ial test operation
ircuit Line	DB/LL3/L	e of w	ef. met	o, of po	_		Maximum	DO EN	Туре	Ratir (A)	aking pacity	RCD	zs Other		inal circui ured end-		Fig 8		its to be ed using	Test voltage	L/L, L/N	L/E, N/E	arity	Fred Xs	Above 30mA IΔn	30mA or below 5 IΔn	RCD	AFDD
<u>8</u> 8	Circuit designation	ring	thod	oints	ž	CPC	tion	BS EN Number	o.	- ng	(KA)	(mA)	(Ω)	r1	rn	r2	(√)	R1 + R2	R2	V	Μ(Ω)	M(Ω)	(√)	(Ω)	ms	ms	(√)	(√)
Details o	of circuits and/or installed e	quipr	ment v	ulnera	able to o	damage	when	testing	Dat	e(s) d	lead t	estino	06/07/	2022	То	06/07/2	2022	Date	` '	testing gnature		06/07/20	)22	To	)	06/07	7/2022	司
Tested b	y: Name (capital letters)	TF	RE LEVE	ER			P	osition Elect	rical T	est Enç	gineer			Date 06	6/07/202	2		j			-12	7/2						
Wiring Types.	A PVC/PVC, B PVC cables in metallic Conduit, C	PVC cal	bles in non-	metallic Co	onduit, <b>D</b> PVC	cables in me	etallic trunking	g, E PVC cables in no	on-metallic	trunking,	F PVC/SV	VA cables	, <b>G</b> SWA/XPLE	cables, H Mir	neral Insulate	ed, MW Meta	l Work, FN	Ferrous Me	tal, O Other									
	e Core PVC Cables (4D1A), A/A2 - Multid 4E2A), G/G1 - Single-core armoured XLI															1D5), O/O1	- LSF si	ngle core c	ables 90°C	rated (4E1	1A), O/O2 -	Multi-core	e LSF cal	bles				

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Company	/ Name PHS Compliance					Compan	y Addı	ress Kid Glove	Roa	d					Postco	de WA3	3 3 G R		Bran	ch No.				Schem	e No.			
Client U	PP Residential Services Ltd					Installa	tion A					ay Cam , Swan		nyfer 12,	Reception	n - Grou	nd Floo	or Tower	Informati	on Centr	e, Fabian	Po	ostco	de SA1	8EN			$\Box$
Distributio	n board details - Complete in	every	/ case		(	Complete	only if	the distribution						Char	acterist	Test instrument serial number(serial number)   Test instrument serial	;)											
	0 151 1611 BUD 10 1					-	•	e installation						Asso	ociated R	Companies   Postcode   SA1 8EN	8371		$\neg$									
Location	2nd Floor Kitchen RHS [Schne	eiderj						n board is from						N/A					Operating	at 1 l∆n	N/A ms	÷ ∰ In	sulation	resistano	e 10211	8371		一
Designation							(DB Busi	bar 1, 4/L1)						_   Z <sub>d</sub> _0								/ <u>율</u>						
Num. of wa	ys 18 Num. of	phase	es 1			Overcurrent protective de	evice for	BS(EN) 88-2 F	-					I <sub>pf</sub> 1	.52 I	kA I∆r	N/A		Operating	at 5 l∆n	N/A ms	. O			,			=
Supply	polarity confirmed  Phase se	equenc	e confirm	ned	]   t	he distributi	on circuit	: Type gG	Rat	ing 63		Voltag	e'	V Time	delay (if	applicable	) N/	Α						RC	0 10211	557 1		
			CI	RCU	IT DE	TAILS													TE	ST RE	SULT	S						
and	Distribution board Designation	Туре	Ref.	   <u>8</u>		conductors (mm²)	disc	Overcurrent device		ctive	Breaking capacity	RCD	BS 7671 Max.		(	Circuit imp	edance	Ω					P <u>o</u>	Meas	RCD	testing	Manua button o	
Circuit No. and Line No.	DB CL1	e of wiring		o. of points			Maximum disconnection		Type No.	Rating (A)	king	ating	permitted Zs Other				Fig 8	comple	ted using				arity		30mA	below	RCD	AFDD
N N N	Circuit designation	iring	method	oints	Z Z	CPC	ction	BS EN Number	NO.	ing	(KA)	(mA)	(Ω)	r1	rn	r2				. v	M(Q)	Μ(Ω)	(~)			1 1	(√)	(~)
1/L1	Common Room Lights	А	E	9	1.5	1	0.4	61009 RCD/RCBO	С	10	10	30	1.75	N/A	N/A	N/A	Ì	i i	i	250			<b>✓</b>	0.40	29.8	28.6	<b>✓</b>	N/A
2/L1	Lighting Rooms 9,10	А	E	12	1.5	1	0.4	61009 RCD/RCBO	С	10	10	30	1.75	N/A	N/A	N/A	N/A	0.60	N/A	250	LIM	>299	✓	0.76	28.7	29.7	<b>✓</b>	N/A
3/L1	Lighting Rooms 7,8	А	E	12	1.5	1	0.4	61009 RCD/RCBO	С	10	10	30	1.75	N/A	N/A	N/A	N/A	0.53	N/A	250	LIM	>299	<b>✓</b>	0.70	28.7	28.7	<b>✓</b>	N/A
4/L1	Lighting Rooms 1,3,5	А	E	18	1.5	1	0.4	61009 RCD/RCBO	С	10	10	30	1.75	N/A	N/A	N/A	N/A	0.39	N/A	250	LIM	>299	✓	0.55	29.6	29.7	✓	N/A
5/L1	Lighting Rooms 2,4,6	А	E	18	1.5	1	0.4	61009 RCD/RCBO	С	10	10	30	1.75	N/A	N/A	N/A	N/A	0.33	N/A	250	LIM	>299	✓	0.51	28.6	28.6	✓	N/A
6/L1	Ring Main Rooms 2,4,6	А	E	21	2x2.5	2x1.5	0.4	61009 RCD/RCBO	С	32	10	30	0.54	0.35	0.35	0.51	✓	0.21	N/A	250	LIM	>299	✓	0.49	29.7	29.6	✓	N/A
7/L1	Ring Main Rooms 1,3,5	А	E	14	2x2.5	2x1.5	0.4	61009 RCD/RCBO	С	32	10	30	0.54	0.32	0.31	0.42	<b>✓</b>	0.18	N/A	250	LIM	>299	✓	0.38	29.7	28.6	✓	N/A
8/L1	Ring Main Rooms 7,8	Α	E	14	2x2.5	2x1.5	0.4	61009 RCD/RCBO	С	32	10	30	0.54	0.21	0.22	0.30	✓	0.12	N/A	250	LIM	>299	✓	0.50	29.7	28.6	✓	N/A
9/L1	Ring Main Rooms 9,10	А	E	21	2x2.5	2x1.5	0.4	61009 RCD/RCBO	С	32	10	30	0.54	0.27	0.27	0.44	✓	0.17	N/A	250	LIM	>299	✓	0.53	28.7	28.7	<b>✓</b>	N/A
10/L1	Ring Main Common Room	А	E	10	2x2.5	2x1.5	0.4	61009 RCD/RCBO	С	32	10	30	0.54	0.23	0.22	0.29	✓	0.12	N/A	250	LIM	>299	✓	0.40	28.7	29.7	<b>✓</b>	N/A
11/L1	Ring Main Common Room	А	E	7	2x2.5	2x1.5	0.4	61009 RCD/RCBO	С	32	10	30	0.54	0.27	0.28	0.43	<b>✓</b>	0.17	N/A	250	LIM	>299	✓	0.38	29.7	28.7	✓	N/A
12/L1	Hob	А	E	1	6	2.5	0.4	61009 RCD/RCBO	С	32	10	30	0.54	N/A	N/A	N/A	N/A	0.14	N/A	250	LIM	>299	✓	0.31	29.7	29.7	✓	N/A
Details o	f circuits and/or installed e	equip	ment v	ulner	able to	damage	when	testing	Da	te(s)	dead	testing	06/07	/2022	То	06/07/2	022	Date		at 1 IΔn N/A ms      Som A or below at 5 IΔn N/A ms     Som A or below at 5 IΔn N/A ms     Som A or below at 5 IΔn N/A ms     Som A or below at 5 IΔn N/A ms     Som A or below at 5 IΔn N/A ms     Som A or below at 5 IΔn N/A ms     Som A or below at 5 IΔn N/A ms     Som A or below at 5 IΔn N/A ms     Som A or below at 5 IΔn N/A ms     Som A or below at 5 IΔn N/A ms     Som A or below at 5 IΔn N/A ms     Som A or below at 5 IΔn N/A ms     Som A or below at 5 IΔn N/A ms     Som A or below at 5 IΔn M/A ms     Som A or below at 5 IΔn M/A ms     Som A or below at 5 IΔn M/A ms     Som A or below at 5 IΔn M/A ms     Som A or below at 5 IΔn M/A ms     Som A or below at 5 IΔn M/A ms     Som A or below at 5 IΔn M/A ms     Som A or below at 5 IΔn M/A ms     Som A or below at 5 IΔn ms ms     Som A or below at 5 IΔn M/A ms     Som A or below at 5 IΔn M/A ms     Som A or below at 5 IΔn M/A ms     Som A or below at 5 IΔn M/A ms     Som A or below at 5 IΔn M/A ms     Som A or below at 5 IΔn M/A ms     Som A or below at 5 IΔn M/A ms     Som A or below at 5 IΔn M/A per second at 5 IΔn M/	′/2022							
Tested b	y: Name (capital letters)	Т	RE LEV	ER			F	Position Electr	rical T	est En	aineer			Date In	6/07/202	2		]	Si	gnature	1	2/2	//	7.				
	PVC/PVC, B PVC cables in metallic Conduit,				Conduit, <b>D</b> PV	C cables in me	_					WA cables,		_			l Work, FI	// Ferrous Me	tal, <b>O</b> Other			0				—		$\neg$
	Core PVC Cables (4D1A), A/A2 - Multi E2A), G/G1 - Single-core armoured XL															4D5), O/O1	- LSF si	ngle core o	ables 90°C	rated (4E	1A), O/O2 -	Multi-cor	e LSF ca	ables				

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

-Ω	Distribution board Designation				_														TE									
ircui		Туре	ע	Z o		onductors (mm²)	dis	Overcurrent device		tive	Breaking capacity	RCD operating	BS 7671 Max.		C	ircuit impe	edance !	Ω			ation resis		Pol	Ma Meas	RCD	testing	Manu button	
_ <u></u>	DB CL1	be of wiring	Ref. method	o. of points	_		Maximum disconnection	BS EN	Type	Rating (A)	aking	RCD	permitted Zs Other		inal circui ured end-		Fig 8 check	complet	its to be ed using 2, not both	Test voltage	L/L, L/N	L/E, N/E	Polarity	Max. s	Above 30mA IΔn	30mA or below 5 I∆n	RCD	
0	Circuit designation	ring	hod	ints	Ž	CPC	fig Ju	Number	ĕ	ng	(KA)	(mA)	(Ω)	r1	rn	r2	(√)	R1 + R2	R2	V	Μ(Ω)	M(Ω)	(√)	(Ω)	ms	ms	(~)	
L1	Hob	Α	E	1	6	2.5	0.4	61009 RCD/RCBO	С	32	10	30	0.54	N/A	N/A	N/A	N/A	0.13	N/A	250	LIM	>299	✓	0.30	28.7	28.7	✓	
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	
L1	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	L
L1	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	L
L1	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	L
L1	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	$\perp$
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		stalled equipment vulnerable to damage when testing																										1
tails o	f circuits and/or installed	talled equipment vulnerable to damage when testing Date(s) dead testing 06/07/2022													То	06/07/20	022	Date		testing		06/07/20	22	To	o	06/07	/2022	_
sted b	y: Name (capital letters)	TF	RE LEVI	ER_			F	osition Electr	ical T	est En	gineer			Date 06	5/07/202	2			Sig	gnature	1	Ta	/	/:				

90°C rated (4E2A), G/G1 - Single-core armoured XLPE cables or 90°C rated (4E3A), G/G2 - Multi-core armoured XLPE cables or 90°C rated (4E4A), H/H1 - MICC exposed to touch (4G1A)

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### Requirements for Electrical Installations BS 7671:2018 (IET Wiring Regulations 18<sup>th</sup> Edition)

	DB CL1  DB CL1																										
and	Distribution board Designation  DB CL1  Distribution board Designation  DB CL1  Circuit designation  DB CL1  Circuit designation  DB CL1  Distribution board Designation  DB CL1  Circuit designation  DB CL1  Circuit designation  DB CL1  DB CCIrcuit impedance \( \text{Circuit impedance } Cir																										
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<u> </u>	Distribution board Designation  DB CL1  DB D																										
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Tested b	y: Name (capital letters)	TF	RE LEVI	ER			P	osition Electr	ical Te	est En	gineer			Date 06	6/07/202	2		]			-12	7/1	$\sim$				
Wiring Types.	A PVC/PVC, B PVC cables in metallic Conduit,	C PVC ca	bles in non-	metallic Co	onduit, <b>D</b> PVC	cables in me	etallic trunking	g, E PVC cables in nor	n-metallic	trunking,	F PVC/SV	VA cables	, <b>G</b> SWA/XPLE	cables, H Mi	neral Insulat	ed, <b>MW</b> Metal	Work, FM	Ferrous Met	al, O Other								
	e Core PVC Cables (4D1A), A/A2 - Multi 4E2A), G/G1 - Single-core armoured XL															ID5), O/O1	- LSF sii	ngle core ca	ables 90°C	rated (4E	1A), O/O2 -	Multi-core	e LSF cal	oles			

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Company	Name PHS Compliance					Compan	y Addı	ress Kid Glove	Roa	d					Postco	de WA3	3 3 G R		Bran	ch No.				Schem	ie No.			
Client U	PP Residential Services Ltd					Installa	tion A					ay Cam s, Swan	pus - Nani sea	hyfer 12,	Reception	n - Grou	nd Floo	or Tower	Informati	on Centr	e, Fabian	P	ostco	de SA1	8EN			$\Box$
Distributio	n board details - Complete in	every	/ case					the distribution						Char	acteristi	cs at thi	s distr	ibution l	ooard			Te	st inst	rument	serial n	umber(s	;)	
4:	Level Alkitchen DUO (Ochmeid	1>				•	•	e installation								CD(if any):	BS (El			Al	ove 30mA	λ (≘ h	Loop	impedanc	e 10211	8371		
Location	Level 4 Kitchen RHS (Schneid	ier)						n board is from						N/A					Operating	_	V/A ms	I III	sulation	resistanc	e 10211	8173		一
Designation							(DB Bus	bar 1, 8/L1)									of pole				A or below	ᅙᅵ		Continuit	tv 10211	8371		
Num. of wa	ys 18 Num. of polarity confirmed Phase se	•		ied	r	Overcurrent protective de he distributi		BS(EN) 88-2 F	-	ing 63	A	Voltag	230 Ye	Upf 1 V Time		<sub>∢A</sub> l∆r applicable	N/A ) N/		Operating	at 5 l∆n [լ	V/A ms	, e			D 10211			
			CI	RCI	IT DE	TAILS													TE	ST RE	SULT	'S						
۵.					_	conductors		Overcurrent	protec	rtive		0	BS 7671					_	- '-		ation resist			<u> </u>			Manua	al test
Circuit No. and Line No.	Distribution board Designation	Type	Ref.	₹		(mm²)	Maximum disconnection	devic	es	DUVC	Breaking capacity	RCD	Max.			Circuit imp	edance	Ω			rd lower re		Polarity	Max. Measured		testing	button o	peration
	DB/CL7	o o		으			Max		Type No.	ار پر	city	ting	Zs Other		final circu sured end-		Fig 8		uits to be ted using	Test	L/L, L/N	L/E, N/E	arii	l ed ^	Above 30mA	30mA or below	RCD	AFDD
ZZ	Circuit designation	of wiring	method	of points	Z	CPC	ectic	BS EN	Į Č	Rating (A)	(KA)	(mA)	80%	r1	rn	r2		R1R2 or I	R2, not both	voltage			(4)	Zs	IΔn	5 I∆n	(<)	(\( \sigma \)
9 9	g	<u>g</u>	l ğ	। छ	Z	0	33	Number	<u> </u>	+	(101)	(110.4)	(Ω)	- ''	""	12	( </td <td>R1 + R2</td> <td>R2</td> <td>V</td> <td>Μ(Ω)</td> <td>Μ(Ω)</td> <td>( )</td> <td>(Ω)</td> <td>ms</td> <td>ms</td> <td>( )</td> <td>( )</td>	R1 + R2	R2	V	Μ(Ω)	Μ(Ω)	( )	(Ω)	ms	ms	( )	( )
1/L1	Common Room Lights	Α	E	9	1.5	1	0.4	61009 RCD/RCBO	С	10	10	30	1.75	N/A	N/A	N/A	N/A	0.24	N/A	250	LIM	>299	<b>✓</b>	0.44	28.7	29.7	<b>~</b>	N/A
2/L1	Lights Rooms 9,10	А	E	12	1.5	1	0.4	61009 RCD/RCBO	С	10	10	30	1.75	N/A	N/A	N/A	N/A	0.41	N/A	250	LIM	>299	✓	0.60	28.7	28.7	✓	N/A
3/L1	Lights Rooms 7,8	А	E	12	1.5	1	0.4	61009 RCD/RCBO	С	10	10	30	1.75	N/A	N/A	N/A	N/A	0.38	N/A	250	LIM	>299	✓	0.57	29.7	28.6	<b>/</b>	N/A
4/L1	Lights Rooms 1,3,5	А	E	18	1.5	1	0.4	61009 RCD/RCBO	С	10	10	30	1.75	N/A	N/A	N/A	N/A	0.26	N/A	250	LIM	>299	<b>✓</b>	0.44	28.6	29.7	✓	N/A
5/L1	Lights Rooms 2,4,6	А	E	18	1.5	1	0.4	61009 RCD/RCBO	С	32	10	30	0.54	N/A	N/A	N/A	N/A	0.32	N/A	250	LIM	>299	<b>✓</b>	0.51	28.7	28.6	✓	N/A
6/L1	Ring Main Rooms 2,4,6	А	E	21	2x2.5	2x1.5	0.4	61009 RCD/RCBO	С	32	10	30	0.54	0.32	0.33	0.41	✓	0.18	N/A	250	LIM	>299	✓	0.49	29.7	28.7	<b>✓</b>	N/A
7/L1	Ring Main Rooms 1,3,5	А	E	14	2x2.5	2x1.5	0.4	61009 RCD/RCBO	С	32	10	30	0.54	0.34	0.34	0.43	✓	0.19	N/A	250	LIM	>299	✓	0.47	29.7	28.7	✓	N/A
8/L1	Ring Main Rooms 7,8	А	E	14	2x2.5	2x1.5	0.4	61009 RCD/RCBO	С	32	10	30	0.54	0.29	0.28	0.35	✓	0.16	N/A	250	LIM	>299	✓	0.50	29.6	28.7	✓	N/A
9/L1	Ring Main Rooms 9,10	А	E	21	2x2.5	2x1.5	0.4	61009 RCD/RCBO	С	32	10	30	0.54	0.31	0.30	0.41	✓	0.17	N/A	250	LIM	>299	✓	0.52	28.6	28.7	✓	N/A
10/L1	Ring Main Common Room	Α	E	10	2x2.5	2x1.5	0.4	61009 RCD/RCBO	С	32	10	30	0.54	0.26	0.25	0.33	✓	0.14	N/A	250	LIM	>299	✓	0.28	29.7	28.7	✓	N/A
11/L1	Ring Main Common Room	А	E	7	2x2.5	2x1.5	0.4	61009 RCD/RCBO	С	32	10	30	0.54	0.24	0.25	0.31	✓	0.13	N/A	250	LIM	>299	✓	0.28	28.6	29.7	✓	N/A
12/L1	Hob 1	А	E	1	6	2.5	0.4	61009 RCD/RCBO	С	32	10	30	0.54	N/A	N/A	N/A	N/A	0.03	N/A	250	LIM	>299	✓	0.23	28.7	28.7	✓	N/A
Details o	f circuits and/or installed e	equip	ment v	ulner	able to	damage	when	testing	Da	te(s)	dead t	testing	08/07	/2022	То	08/07/2	022	Date	e(s) live	testing	1	08/07/2	022	т	o	08/07	7/2022	
																			Si	gnature	. /	1	_	7.				
Tested b	y: Name (capital letters)	Т	RE LEV	ER			F	Position Electr	ical T	est En	gineer			Date 0	8/07/202	2					-12	7/2	_ <					
Wiring Types. A	PVC/PVC, <b>B</b> PVC cables in metallic Conduit,	C PVC ca	ables in non-	metallic C	Conduit, <b>D</b> PV	C cables in me	etallic trunki	ng, E PVC cables in no	n-metall	ic trunking	, F PVC/S	WA cables	, G SWA/XPLE	E cables, H M	ineral Insulat	ed, MW Meta	l Work, FI	Ferrous Me	tal, O Other									
	Core PVC Cables (4D1A), A/A2 - Multi E2A), G/G1 - Single-core armoured XL															4D5), O/O1	- LSF si	ngle core o	cables 90°C	rated (4E	1A), O/O2 -	Multi-cor	e LSF ca	ables				

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

			CI	RCU	IT DE	<b>TAILS</b>													TE	ST RE	SULT	rs _						
and C	Distribution board Designation	Туре	Ref.	N <sub>o</sub>		onductors (mm²)	disc	Overcurrent device		tive	Breaking capacity	RCD operating	BS 7671 Max.		С	ircuit impe	edance	Ω			ation resis d lower re		Pol	Max. Measured	RCD	testing	Manu button	
Circuit N	DB/CL7	e of wiring	ef. method	o. of points	_	0	Maximum connection	BS EN	Туре	Rating (A)			permitted Zs Other		inal circui ured end-		Fig 8 check	All circu complete		Test voltage	L/L, L/N	L/E, N/E	Polarity	Zs Zs	Above 30mA I∆n	30mA or below 5 I∆n	RCD	
Z Z 0 0.	Circuit designation	ing	Б	ints	ž	СРС	g B	Number	No.	ğ	(KA)	(mA)	(Ω)	r1	rn	r2	(√)	R1 + R2	R2	V	M(Ω)	M(Ω)	(~)	(Ω)	ms	ms	(√)	
3/L1	Hob 2	А	E	1	6	2.5	0.4	61009 RCD/RCBO	С	32	10	30	0.54	N/A	N/A	N/A	N/A	0.04	N/A	250	LIM	>299	✓	0.22	38.7	33.7	✓	
/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	
/L1	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
/L1	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
/L1	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
/L1	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
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tails o	of circuits and/or installed e	equip	ment v	ulnera	able to	damage	when	testing	Dat	e(s)	dead t	esting	08/07/	2022	То	08/07/20	022	Date	(s) live	_	E-	08/07/20	)22	To	o	08/07	7/2022	
sted l	by: Name (capital letters)	TF	RE LEVI	ER			7 P	osition Electr	ical T	est En	gineer			Date 08	3/07/202	)		]	Się	gnature	1	The	/	7:				

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90°C rated (4E2A), G/G1 - Single-core armoured XLPE cables or 90°C rated (4E3A), G/G2 - Multi-core armoured XLPE cables or 90°C rated (4E4A), H/H1 - MICC exposed to touch (4G1A)

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			CI	RCU	IT DE	ΓAILS													TE	ST RE	SULT	ſS						
anc	tails of circuits and/or installed equipment vulnerable to damage when testing  Date(s) dead testing  Date(s) live testing																											
Dircuit I Line	DB/CL7	be of wi		으			l ax	DO EN	n	Rati (A)	aking	RCD					Fig 8	completed	using					red ·	30mA	below	RCD	AFDD
<u>N</u> N	DB/CL7  DB/CL7																											
Details o	of circuits and/or installed	equipr	ment v	ulnera	able to	damage	when	testing	Date	e(s) d	lead t	estin	g 08/07/	2022	То	08/07/2	022	Date(	,	J		08/07/20	022	To	o	08/07	/2022	$\exists$
Tested b	y: Name (capital letters)	TF	RE LEVI	ER			Р	osition Electr	ical Te	est Enç	gineer			Date 08	3/07/202	2		1	Οlί	gnature	-12	7/1	7					
Wiring Types.	A PVC/PVC, B PVC cables in metallic Conduit,	C PVC cal	bles in non-	metallic Co	onduit, <b>D</b> PVC	cables in me	tallic trunking	g, E PVC cables in nor	n-metallic	trunking,	F PVC/SV	VA cables	s, <b>G</b> SWA/XPLE	cables, <b>H</b> Mir	neral Insulate	ed, <b>MW</b> Metal	l Work, FN	■ I Ferrous Metal,	, O Other									
	e Core PVC Cables (4D1A), A/A2 - Mult 4E2A), G/G1 - Single-core armoured XL															ID5), O/O1	- LSF si	ngle core cab	oles 90°C	rated (4E1	A), O/O2	- Multi-core	e LSF cat	oles				

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Company	y Name PHS Compliance					Compan	y Addr	ess Kid Glove	Roa	d					Postco	de WA3	3GR		Bran	ch No.				Schem	e No.			
Client U	PP Residential Services Ltd					Installa	tion A						pus - Nanh	yfer 12,	Receptio	n - Grour	nd Floo	r Tower	 Informati	on Centr	e, Fabiar	Po	stco	de SA1	8EN			
								Way	, Cry	mlyn B	urrows	, Swan	sea															
Distribution	on board details - Complete in	every	case					he distribution	n boa	rd is n	ot cor	nected	directly	Char	acteristi	cs at this	s distr	ibution l	ooard			Tes	st inst	rument	serial n	umber(s	s)	
Location	Level 4 Kitchen LHS (Schneide	er)			_	_		e installation  n board is from							ciated R0	CD(if any):	BS (EI	1)	Operating		ove 30m	ן עם	Loop i	mpedanc	e 10211	8371		
Designation	· ·	01)						par 2, 14/L1)						N/A Z <sub>d</sub> 0.	16	Ω No.	of pole:		Operating	_	N/A ms	⇒ Ins	ulation	resistanc	e 10211	8371		
Num. of wa		nhaec	) c			Overcurrent	\	BS(EN) 88-2 H	IRC:					l <sub>pf</sub> 1.			N/A		Dperating			σ Ι		Continuit	ty 10211	8371		
	polarity confirmed  Phase se		1	ed		rotective de		Turn of an	4	ing 63	Α	Voltag	e 230	;   <u> </u>		applicable			, po.ug		N/A IIIs	,		RC	D 10211	8371		
11.5	, .				-																							
			CI	RCU	IT DE	TAILS													TE	ST RE	SULT	rs						
anc	Distribution board Designation	Туре	<sub>20</sub>	N S		conductors (mm²)	dis	Overcurrent device		tive	Breaking capacity	RCD operating	BS 7671 Max.		C	Circuit impe	edance	Ω			ation resis		Po	Meas	RCD	testing	Manua button o	
Circuit and Line	DB/CL9	0	Ref. n	으			Maximum disconnection		Туре	رچ _ [	king acity	RCD	permitted Zs Other		final circui		Fig 8		uits to be ted using	Test	L/L,	L/E,	Polarity	Max. //easured	Above 30mA	30mA or below	RCD	AFDD
e No	Circuit designation	fwiring	method	points	L Z	CPC	ectic	BS EN	)e No	Rating (A)	(KA)	(mA)	80%	r1	ured end-	r2		R1R2 or I	R2, not both	voltage	L/N	N/E	(	Zs	IΔn	5 I∆n	(<)	· (√)
, b	I	<u>o</u>	<u>  &amp;</u>	্	Z	l o	33	Number	<u>.</u>	_	(104)	(111/4)	(Ω)	-''	I	12	(~)	R1 + R2	R2	V	M(Ω)	M(Ω)	( • )	(Ω)	ms	ms	(	( )
1/L1	Common Room Lights	А	E	9	1.5	1	0.4	61009 RCD/RCBO	С	10	10	30	1.75	N/A	N/A	N/A	N/A	0.28	N/A	250	LIM	>299	✓	0.46	28.7	28.7	<b>✓</b>	N/A
2/L1	Lights Rooms 1,3,5	А	E	18	1.5	1	0.4	61009 RCD/RCBO	С	10	10	30	1.75	N/A	N/A	N/A	N/A	0.31	N/A	250	LIM	>299	✓	0.49	28.7	29.7	✓	N/A
3/L1	Lights Rooms 2,4,6	А	E	12	1.5	1	0.4	61009 RCD/RCBO	С	10	10	30	1.75	N/A	N/A	N/A	N/A	0.33	N/A	250	LIM	>299	✓	0.52	28.6	28.7	✓	N/A
4/L1	Lights Rooms 7,8	А	E	12	1.5	1	0.4	61009 RCD/RCBO	С	10	10	30	1.75	N/A	N/A	N/A	N/A	0.42	N/A	250	LIM	>299	✓	0.60	28.7	29.7	✓	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	Ring Main Rooms 1,3,5	А	E	21	2x2.5	2x1.5	0.4	61009 RCD/RCBO	С	32	10	30	0.54	0.37	0.35	0.51	✓	0.22	N/A	250	LIM	>299	✓	0.44	28.7	28.7	✓	N/A
7/L1	Ring Main Rooms 2,4,6	А	E	21	2x2.5	2x1.5	0.4	61009 RCD/RCBO	С	32	10	30	0.54	0.35	0.36	0.49	✓	0.21	N/A	250	LIM	>299	✓	0.48	38.7	28.7	✓	N/A
8/L1	Ring Main Rooms 7,8	А	E	18	2x2.5	2x1.5	0.4	61009 RCD/RCBO	С	32	10	30	0.54	0.33	0.34	0.46	✓	0.19	N/A	250	LIM	>299	✓	0.50	28.6	29.7	✓	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	Ring Main Common Room 1	А	E	6	2x2.5	2x1.5	0.4	61009 RCD/RCBO	С	32	10	30	0.54	0.30	0.31	0.42	✓	0.18	N/A	250	LIM	>299	✓	0.43	28.7	28.7	✓	N/A
11/L1	Ring Main Common Room 2	А	E	9	2x2.5	2x1.5	0.4	61009 RCD/RCBO	С	32	10	30	0.54	0.28	0.29	0.37	✓	0.16	N/A	250	LIM	>299	✓	0.34	29.6	28.7	✓	N/A
12/L1	Hob 1	А	E	1	6	2.5	0.4	61009 RCD/RCBO	С	32	10	30	0.54	N/A	N/A	N/A	N/A	0.04	N/A	250	LIM	>299	✓	0.23	28.7	28.5	✓	N/A
Details o	f circuits and/or installed e	equip	ment v	ulner	able to	damage	when	testing	Da	te(s) o	dead t	testing	08/07/	2022	То	08/07/2	022	Date	e(s) live	testing		08/07/20	)22	T	٥ 🗀	08/07	7/2022	
																			Si	gnature	/	1	/	7.				
Tested b	y: Name (capital letters)	TI	RE LEVI	ER			P	osition Electi	ical T	est En	gineer			Date 0	8/07/202	2					-12	1/1	(					
Wiring Types.	A PVC/PVC, B PVC cables in metallic Conduit,	C PVC ca	bles in non-	metallic C	onduit, <b>D</b> PV	C cables in me	tallic trunkin	g, <b>E</b> PVC cables in nor	n-metalli	c trunking.	F PVC/S	WA cables	, <b>G</b> SWA/XPLE	cables, H M	ineral Insulat	ed, <b>MW</b> Metal	Work, FN	Ferrous Me	tal, <b>0</b> Other									
A/A1 - Single 90°C rated (4	Core PVC Cables (4D1A), A/A2 - Multi E2A), G/G1 - Single-core armoured XL	icore P\ .PE cabl	C Cables	(4D2A), C rated (	, F/F1 - Sin (4E3A), G/0	gle-core arn 32 - Multi-co	noures PV ore armour	C SWA Cables (4I	03A), F	F/F2 - PV	C SWA E4A), H/	Cables ( H1 - MIC	4D4A), A/A3 C exposed to	PVC Twin	& Earth (4 1A)	ID5), O/O1	- LSF si	ngle core o	cables 90°C	rated (4E	1A), O/O2	- Multi-core	LSF ca	bles				

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

			CI	RCU	IT DE	TAILS													TE	ST R	ESULT	rs _						
and	Distribution board Designation	Туре	, z	N <sub>o</sub> .		onductors (mm²)	disc	Overcurrent device		tive	Breaking capacity	RCD operating	BS 7671 Max.		(	Circuit imp	edance	Ω			ation resis		Po	Ma Meas	RCD	testing	Manu button	
Circuit and Line	DB/CL9	e of w	Ref. me				Maximum disconnection		Туре	Rating (A)	king	RCD	permitted Zs Other		final circu ured end		Fig 8	comple	uits to be ted using	Test voltage	L/L, L/N	L/E, N/E	Polarity	Max. Measured <sup>r</sup>	Above 30mA	below	RCD	AF D
<u>N</u> N	Circuit designation	of wiring	method	of points	Z	СРС	ction	BS EN Number	No.	ting	(KA)	(mA)	80% (Ω)	r1	rn	r2	(/)	R1R2 or I	R2, not both	V	Μ(Ω)	Μ(Ω)	(√)	Zs (Ω)	l∆n ms	5 lΔn ms	(√)	(,
3/L1	Hob 2	Α	E	1	6	2.5	0.4	61009 RCD/RCBO	С	32	10	30	0.54	N/A	N/A	N/A	N/A	0.04	N/A	250	LIM	>299	✓	0.22	28.7	28.7	✓	N
/L1	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N
/L1	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N
/L1	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	١
'/L1	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	١
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
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tails o	of circuits and/or installed	equip	ment v	ulner	able to	damage	when	testing	Dat	e(s) c	lead t	esting	08/07/	2022	То	08/07/2	022	Date	e(s) live	_		08/07/20	022	T	0	08/07	7/2022	_
etod k	by: Name (capital letters)	Τ.	RE LEV				] [	osition Electr	ical T	oct En	ninoor			D-4	0/07/000			]	Si	gnature	4	Sta	/	7.				
	A PVC/PVC, B PVC cables in metallic Conduit						_							Date 0							-16	// 11	(					_

A/A1 - Single Core PVC Cables (4D1A), A/A2 - Multicore PVC Cables (4D2A), F/F1 - Single-core armoures PVC SWA Cables (4D3A), F/F2 - PVC SWA Cables (4D4A), A/A3 - PVC Twin & Earth (4D5), O/O1 - LSF single core cables 90°C rated (4E1A), O/O2 - Multi-core LSF cables

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90°C rated (4E2A), G/G1 - Single-core armoured XLPE cables or 90°C rated (4E3A), G/G2 - Multi-core armoured XLPE cables or 90°C rated (4E4A), H/H1 - MICC exposed to touch (4G1A)

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

	DB/CL9   OB/CL9   O																											
C and	Distribution board Designation DB/CL9 Circuit designation DB/CL9																											
ircuit Line	Distribution board Designation  Distribution board Designation																											
<u> </u>	Distribution board Designation  DB/CL9  Distribution board Designation  DB/CL9  Circuit designation  DB																											
Details o	of circuits and/or installed	equip	ment v	ulnera	able to d	damage	when	testing	Dat	e(s) d	lead to	estin	g 08/07/	2022	То	08/07/2	2022	Date	(s) live	testing		08/07/20	022	To	- <u> </u>	08/07	7/2022	
																			Si	gnature	/	_1	_	7.				
Tested b	y: Name (capital letters)	TF	RE LEVI	ER			P	osition Electr	ical T	est En	gineer			Date 08	3/07/202	2		]			-12	7/1						
Wiring Types.	A PVC/PVC, B PVC cables in metallic Conduit,	C PVC ca	bles in non-	metallic C	onduit, <b>D</b> PVC	cables in me	etallic trunkin	g, E PVC cables in nor	n-metallic	trunking,	F PVC/SV	VA cable	s, <b>G</b> SWA/XPLE	cables, H Mir	neral Insulat	ed, <b>MW</b> Metal	Work, FN	Ferrous Met	al, O Other									
	e Core PVC Cables (4D1A), A/A2 - Multi 4E2A), G/G1 - Single-core armoured XL															ID5), O/O1	- LSF si	ngle core c	ables 90°C	rated (4E1	IA), O/O2 -	Multi-core	e LSF cat	oles				

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### Requirements for Electrical Installations BS 7671:2018 (IET Wiring Regulations 18<sup>th</sup> Edition)

Company	Name PHS Compliance				C	ompan	y Addr	ess Kid Glove	Roa	d					Postco	de WA3	3GR		Bran	ch No.				Schem	e No.			$\neg$
Client U	PP Residential Services Ltd					Installa	tion A				,	,	npus - Nant	nyfer 12,	Reception	n - Grour	nd Floo	r Tower	 Informati	on Centr	re, Fabia	n <b>P</b> (	stco	de SA1	8EN			
								Way	, Cryı	mlyn E	urrows	, Swan	isea	_														
Distributio	n board details - Complete in	every	case					the distribution e installation	n boa	rd is ı	not cor	necte	d directly			cs at this			ooard			_	st inst	rument	serial n	umber(s	)	
Location	Service Riser Level 1-4 (Schne	eider)			_	_		n board is from						Ass N/A		CD(if any):	BS (EI		Operating	Al at 1 I∆n	bove 30m.	اڭچ	•	mpedano	-			
Designation	DB Busbar 2					Sub Mains	(DB/M, 7	TP)						Z <sub>d</sub> 0		Ω No.	of pole:		·	-	A or belo	In	sulation	resistano				
Num. of wa	ys 16 Num. of	phase	s 3			vercurrent rotective de	vice for	BS(EN) 60947	MCC	В				l <sub>pf</sub> 2		κA IΔn	N/A		perating :	at 5 l∆n	N/A m	s ë			ty 10211			
Supply	polarity confirmed  Phase se	quence	confirm	ed 🗸		e distributi		Туре	Rati	ing 160		Voltaç	ge 400	/ Time	delay (if	applicable	) N	4						RC	D 10211	8371		
			CI	RCU	IT DE	TAILS													TE	ST RE	SULT	rs						
ar	Distribution board Designation	J		_		onductors	<u>a</u> .	Overcurrent		tive	ca Bre	ope	BS 7671 Max		(	Circuit impe	edance	Ω			ation resis		פַ		RCD	testing	Manua	al test
Circuit and Line	DB Busbar 2	Type o	Ref.	No. of	CSa	(mm²)	Maximum disconnection	devid		Ι "	Breaking capacity	RCD operating	permitted Zs Other	Ring	final circu	its only	우고	All circ	uits to be	Test	L/L,	L/E,	Polarity	Max. 1easured	Above	30mA or	RCD	AFDD
	Oinit deiti	of wiring	method	f points	ر ک	CPC	necti	BS EN	Type No	Rating (A)			80%		sured end-	T .	Fig 8 check		ted using R2, not both	voltage	L/N	N/E	1, ,	Zs	30mA I∆n	below 5 I∆n		1
	Circuit designation					<del>                                     </del>		Number	<u> </u>			(mA)	(Ω)	r1	rn	r2	(√)	R1 + R2		V	M(Ω)	M(Ω)	(~)	(Ω)	ms	ms	(√)	(√)
1/TP	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
2/TP	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
3/TP	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
4/TP	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
5/TP	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
6/L1	Sub Mains(DB/CL3)	Α	В	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	✓	0.16	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/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/L1	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/L2	Sub Mains(DB/CL5 )	Α	В	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	✓	0.16	N/A	N/A	N/A	N/A
10/L3	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/L1	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	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
Details o	f circuits and/or installed e	quipr	nent v	ulnera	able to	damage	when	testing	Dat	te(s)	dead t	testing	g 07/07	/2022	То	07/07/2	022	Date	e(s) live	testing	9	07/07/2	022	T	0	07/07	/2022	$\neg$
																			Si	gnature	9	1_1		7.				
Tested b	y: Name (capital letters)	TF	RE LEVI	ER			Р	osition Electr	ical T	est Er	gineer			Date 0	7/07/202	2					-12	7/2	(					
Wiring Types. A	PVC/PVC, <b>B</b> PVC cables in metallic Conduit, <b>C</b>	PVC cal	bles in non-	metallic Co	onduit, <b>D</b> PVC	cables in me	tallic trunkir	g, E PVC cables in nor	n-metalli	c trunking	, F PVC/S	WA cables	s, <b>G</b> SWA/XPLE	cables, H M	lineral Insulat	ed, <b>MW</b> Metal	Work, FN	I Ferrous Me	tal, <b>O</b> Other									
A/A1 - Single 90°C rated (4	Core PVC Cables (4D1A), A/A2 - Multi E2A), G/G1 - Single-core armoured XL	core PV PE cable	C Cables	(4D2A), C rated (4	F/F1 - Sing	gle-core arn 32 - Multi-co	noures PV	C SWA Cables (4E	03A), F 90°C	F/F2 - PV	/C SWA E4A), H/	Cables (	(4D4A), A/A3	- PVC Twin	n & Earth (4	ID5), O/O1	- LSF si	ngle core o	ables 90°C	rated (4E	1A), O/O2	- Multi-cor	e LSF ca	bles				

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

			CI	RCU	IT DE	TAILS													TE	ST RE	SULT	'S						
anc	Distribution board Designation	Тур	, z	N <sub>O</sub>		conductors (mm²)	dis	Overcurrent devid		ctive	Breaking capacity	RCD operating	BS 7671 Max.			Circuit impe	edance	Ω			ation resis d lower re		Po	Ma Meas	RCD	testing		ıal test operatio
Circuit and Line	DB Busbar 2	Type of w	Ref. me	으			Maximum sconnection		Туре	Rating (A)	aking	RCD	permitted Zs Other		final circu sured end		Fig 8 check	comple	uits to be ted using	Test voltage	L/L, L/N	L/E, N/E	Polarity	Max. Measured	Above 30mA IΔn	below	RCD	AFDD
N 0.	Circuit designation	wiring	method	points	ž	СРС	num	BS EN Number	No.	ing	(KA)	(mA)	(Ω)	r1	rn	r2	(<)	R1R2 or F	R2, not both	V	Μ(Ω)	Μ(Ω)	(~)	Zs (Ω)	ms	5 l∆n ms	(√)	(√)
11/L3	Sub Mains(DB/CL6 )	Α	В	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	✓	0.17	N/A	N/A	N/A	N/A
12/TP	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
13/TP	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
14/L1	Sub Mains(DB/CL9)	А	В	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	✓	0.16	N/A	N/A	N/A	N/A
14/L2	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
14/L3	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
15/TP	Lift	Α	В	1	16	16	5	88-2 HRC	gG	32	80	N/A	1.36	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
16/TP	Sub Mains(DB/PL)	А	В	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	✓	0.17	N/A	N/A	N/A	N/A
Details o	of circuits and/or installed	equip	ment v	/ulner	able to	damade	when	testing	Dat	te(s)	dead	testing	07/07	/2022	То	07/07/2	022	Date	e(s) live	testina		07/07/20	)22	To	5	07/07	7/2022	
						3-		<u> </u>		( )			<u> </u>					1	` '	gnature		1		7.				
Tested b	y: Name (capital letters)	Т	RE LEV	'ER			F	osition Elect	rical T	est Er	gineer			Date 0	7/07/202	22		ĺ			-12	7/1	1					
Wiring Types.	A PVC/PVC, B PVC cables in metallic Conduit	, <b>C</b> PVC ca	ables in non	-metallic C	onduit, <b>D</b> PV	C cables in me	etallic trunkir	ng, E PVC cables in no	n-metalli	c trunking	, F PVC/S	WA cables	, <b>G</b> SWA/XPLE	cables, H M	lineral Insula	ted, <b>MW</b> Metal	Work, FN	I Ferrous Me	tal, <b>O</b> Other									
4/A1 - Single	e Core PVC Cables (4D1A), A/A2 - Mu 4E2A), G/G1 - Single-core armoured X	lticore PV	/C Cables	s (4D2A)	, F/F1 - Sir	gle-core arr	noures P\	/C SWA Cables (4	D3A), F	/F2 - P	VC SWA	Cables (	4D4A), A/A3	- PVC Twir	n & Earth (	4D5), O/O1	- LSF si	nale core c	ables 90°C	rated (4E	1A). O/O2 -	- Multi-core	e LSF ca	bles				

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

			CII	RCU	IT DE	ΓAILS													TE	ST RE	SULT	ſS					
anc	Distribution board Designation  DB Busbar 2  Circuit conductors csa (mm²)  DB Busbar 2  Circuit designation  DB Busbar 2  Circuit designation  DB Busbar 3  Circuit designation  DB Busbar 4  Circuit designation  DB Busbar 5  Circuit designation  DB Busbar 5  Circuit designation  DB Busbar 6  Circuit designation  DB Busbar 7  DB Busbar 8  Circuit conductors csa (mm²)  DB Busbar 9  DB Busbar 9  DB Busbar 9  DB Busbar 9  DB Busbar 1  DB Busbar 1  DB Busbar 1  DB Busbar 2  Circuit designation  DB Busbar 2  DB Busbar 1  DB Busbar 2  DB Busbar 2  DB Busbar 3  DB Busbar 1  DB Busbar 2  DB Busbar 1  DB Busbar 2  DB Busbar 2  DB Busbar 1  DB Busbar 2  DB Busbar 2  DB Busbar 1  DB Busbar 2  DB Busbar 2  DB Busbar 2  DB Busbar 1  DB Busbar 2  DB Busbar 3  DB Busbar 2  DB Busbar 2  DB Busbar 2  DB Busbar 2  DB Busbar 3  DB Busbar 2  DB Busbar 2  DB Busbar 2  DB Busbar 2  DB Busbar 3  DB Busbar 2  DB Busbar 2  DB Busbar 2  DB Busbar 3  DB Busbar 2  DB Busbar 2  DB Busbar 3  DB Bu																										
ircuit	Distribution board Designation  Distribution board Designation																										
S S	Circuit designation	iring	thod	oints	ż	CPC	num			g	(KA)	(mA	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	r1	rn	r2	1			V	Μ(Ω)	Μ(Ω)	(~)		1	(√)	(✓)
	etails of circuits and/or installed equipment vulnerable to damage when testing Date(s) dead testing 07/07/2022 To 07/07/2022 Date(s) live testing 07/07/2022 To 07/07/2022																										
Details o																											
																			Się	gnature	/		_	7.			
Tested b	y: Name (capital letters)	TF	RE LEVE	ER			P	osition Electi	ical T	est En	gineer			Date 07	7/07/202	2					-12	7/1					
Wiring Types.	A PVC/PVC, B PVC cables in metallic Conduit,	C PVC ca	bles in non-	metallic Co	onduit, <b>D</b> PVC	cables in me	etallic trunking	g, E PVC cables in no	n-metallic	trunking,	F PVC/SV	VA cable	es, <b>G</b> SWA/XPLE	cables, H Mir	neral Insulate	ed, <b>MW</b> Metal	Work, FN	T Ferrous Met	tal, O Other								
	Core PVC Cables (4D1A), A/A2 - Mult 4E2A), G/G1 - Single-core armoured XL															D5), O/O1	- LSF si	ngle core c	ables 90°C	rated (4E1	1A), O/O2	- Multi-core	e LSF cal	bles			

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Company	/ Name PHS Compliance				C	ompany	y Addr	ess Kid Glove	Road	i					Postco	de WA3	3GR		Bran	ch No.				Schem	e No.			
Client U	PP Residential Services Ltd					Installa	tion A					y Cam Swan	pus - Nanh	nyfer 12,	Receptio	n - Grour	nd Floo	r Tower	Information	on Centr	e, Fabiai	Po	stco	le SA1	8EN			$\Box$
Dietributie	n heard dataile. Complete in	01/05/				omplete	only if t	the distribution						Chor	acteristi	no ot this	diatri	hutian k	a a sud			To	ot inot	w.mont	aarial n	umbor/o		
Distributio	n board details - Complete in	every	Case					e installation	i DOa	iu is ii	ot con	nectet	i directly		ociated RC				Joaru	٨	oove 30m	_				umber(s	<u>,                                    </u>	_
Location	Plant Room Ground Floor (Sch	neider	)			Supply to di	istributior	n board is from						_ N/A	ociated IXC	D(II ally).	DO (LI		Operating	_		, 월		mpedanc				=
Designation	n DB/LL1/L					Sub Mains(	DB/M, 3/	TP)						Z <sub>d</sub> 0.	.15 (	No.	of poles	N/A		30m	A or below	Institute  Institut	sulation	resistanc				$\dashv$
Num. of wa	ys 12 Num. of	phase	s 3			vercurrent		BS(EN) 60947	MCCE	3				I <sub>pf</sub> 3.	.04 k	<sub>A</sub> IΔn	N/A		perating a	at 5 l∆n [	N/A ms	, <u>ë</u>			y 10211			
Supply	polarity confirmed	quence	e confirm	ed 🗸		rotective de ne distribution		Туре	Rati	ng 100	A	Voltag	e 400 \	Time	delay (if a	pplicable)	N/			_				RC	D 10211	3371		
			CI	RCU	IT DE	TAILS													TE	ST RE	SULT	ſS						
ano	Distribution board Designation	Туре	70	No.		onductors (mm²)	dis	Overcurrent   device		tive	Breaking capacity	RCD operating	BS 7671 Max.		С	ircuit impe	edance	Ω			ation resis		Po	Max. Measure	RCD	testing	Manua button o	
Circuit and Line	DB/LL1/L	) e of	Ref. n	으			Maximum disconnection		Ϋ́	\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	aking acity	RCD	permitted Zs Other		final circui		Fig 8 check		uits to be	Test	L/L,	L/E,	Polarity	ured	Above 30mA	30mA or below	RCD	AFDD
e III No	Circuit designation	of wiring	method	points	Z Z	СРС	ximu lectio	BS EN	Type No.	Rating (A)	(KA)		80%	<u> </u>	ured end-	· ·	, ω σ		ted using R2, not both	voltage	L/N	N/E	, ,	Zs	IΔn	5 l∆n	, ,	( < )
								Number			· '	(mA)	(Ω)	r1	rn	r2	(√)	R1 + R2		V	M(Ω)	M(Ω)	(~)	(Ω)	ms	ms	(√)	
1/TP	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
2/TP	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
3/TP	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
4/TP	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
5/TP	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
6/L1	Sem Room 7 Lights	А	E	12	1.5	1	0.4	61009 RCD/RCBO	С	10	10	30	1.75	N/A	N/A	N/A	N/A	0.18	N/A	250	LIM	>299	✓	0.37	28.4	18.8	✓	N/A
6/L2	Sem Room 6 Lights	А	E	8	1.5	1	0.4	61009 RCD/RCBO	С	10	10	30	1.75	N/A	N/A	N/A	N/A	0.15	N/A	250	LIM	>299	✓	0.42	32.2	22.0	✓	N/A
6/L3	Sem Room 5 Lights	А	E	10	1.5	1	0.4	61009 RCD/RCBO	С	10	10	30	1.75	N/A	N/A	N/A	N/A	0.20	N/A	250	LIM	>299	<b>✓</b>	0.39	30.4	22.0	✓	N/A
7/L1	IT & Mains Room Lights	А	E	4	1.5	1	0.4	61009 RCD/RCBO	С	10	10	30	1.75	N/A	N/A	N/A	N/A	0.24	N/A	250	LIM	>299	✓	0.44	40.2	18.8	✓	N/A
7/L2	PC Lab Room 4 Lights	А	E	10	1.5	1	0.4	61009 RCD/RCBO	С	10	10	30	1.75	N/A	N/A	N/A	N/A	0.21	N/A	250	LIM	>299	✓	0.41	25.4	20.4	✓	N/A
7/L3	Lobby & WC Lights	А	E	27	1.5	1	0.4	61009 RCD/RCBO	С	10	10	30	1.75	N/A	N/A	N/A	N/A	0.10	N/A	250	LIM	>299	✓	0.35	28.2	20.4	✓	N/A
8/L1	Sem Room 2 Lights	А	E	8	1.5	1	0.4	61009 RCD/RCBO	С	10	10	30	1.75	N/A	N/A	N/A	N/A	0.22	N/A	250	LIM	>299	✓	0.44	37.0	18.8	✓	N/A
8/L2	Sem Room 1 Lights	А	E	12	1.5	1	0.4	61009 RCD/RCBO	С	10	10	30	1.75	N/A	N/A	N/A	N/A	0.19	N/A	250	LIM	>299	✓	0.37	29.4	22.0	✓	N/A
Details o	f circuits and/or installed e	quip	nent v	ulnera	able to	damage	when	testing	Dat	e(s) c	lead t	esting	06/07/	/2022	То	06/07/2	022	Date	e(s) live	testing		06/07/20	)22	T	0	06/07	/2022	
																			Się	gnature	/_	1	/	7.				
Tested b	y: Name (capital letters)	TF	RE LEVE	ER			P	osition Electr	ical T	est En	gineer			Date 0	6/07/202	2					-12	1/1	<					
Wiring Types. A	A PVC/PVC, <b>B</b> PVC cables in metallic Conduit, <b>C</b>	PVC ca	bles in non-	metallic C	onduit, <b>D</b> PV0	cables in me	tallic trunkin	g, <b>E</b> PVC cables in non	-metallio	trunking,	F PVC/SV	VA cables	G SWA/XPLE	cables, H M	ineral Insulate	ed, <b>MW</b> Metal	Work, FN	l Ferrous Me	tal, O Other									
A/A1 - Single 90°C rated (4	Core PVC Cables (4D1A), A/A2 - Multi- E2A), G/G1 - Single-core armoured XL	core PV PE cabl	C Cables	(4D2A), C rated (	F/F1 - Sing	gle-core arm 32 - Multi-co	noures PV re armour	C SWA Cables (4E	3A), F.	/F2 - PV ated (48	C SWA (	Cables (	4D4A), A/A3	- PVC Twin	. & Earth (4 1A)	D5), O/O1	- LSF si	ngle core c	ables 90°C	rated (4E	1A), O/O2	- Multi-core	e LSF ca	bles				

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

			CI	RCU	IT DE	TAILS													TE	ST RE	SUL	rs						
C and	Distribution board Designation	Туре	Į,	No.		onductors (mm²)	disc	Overcurrent device		ctive	Breaking capacity	RCD operating	BS 7671 Max.		(	Circuit imp	edance	Ω			ation resis		Pol	Ma Meas	RCD	testing	Manu button o	
Circuit and Line	DB/LL1/L	▮ 으	Ref. me	의 의			Maximum connection		Type	Rating (A)	acity	RCD	Zs Other		final circu ured end-		Fig 8	complet	its to be ed using	Test voltage	L/L, L/N	L/E, N/E	Polarity	Max. Measured	Above 30mA	30mA or below	RCD	AF D
N N	Circuit designation	wiring	method	points	Z	CPC	mum	BS EN Number	, Z	ing	(KA)	(mA)	80% (Ω)	r1	rn	r2	(~)	R1R2 or R	2, not both	V	Μ(Ω)	M(Ω)	(√)	Zs (Ω)	IΔn ms	5 IΔn ms	(√)	(,
3/L3	Sem Room 3 Lights	Α	E	8	1.5	1	0.4	61009 RCD/RCBO	С	10	10	30	1.75	N/A	N/A	N/A	N/A	0.20	N/A	250	LIM	>299	✓	0.35	19.8	18.8	✓	N
/L1	Corridor Lights	А	E	20	1.5	1	0.4	61009 RCD/RCBO	С	10	10	30	1.75	N/A	N/A	N/A	N/A	0.17	N/A	250	LIM	>299	✓	0.29	22.4	20.4	✓	N
/L2	Corridor Lights	А	E	18	1.5	1	0.4	61009 RCD/RCBO	С	10	10	30	1.75	N/A	N/A	N/A	N/A	0.15	N/A	250	LIM	>299	✓	0.30	25.3	18.4	✓	N
/L3	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N
0/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
I1/TP	Sem recond Lights																											
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
12/L2	Gound Lobby Lights	А	E	8	1.5	1	0.4		С	10	10	30	1.75	N/A	N/A	N/A	N/A	0.20	N/A	250	LIM	>299	✓	0.39	29.4	18.4	✓	N
12/L3	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	١
	of circuits and/or installed by: Name (capital letters)				able to	damage	_					testino					022	Date	` '	_		06/07/20	022	т	) D	06/07	7/2022	<u>_</u>

A/A1 - Single Core PVC Cables (4D1A), A/A2 - Multicore PVC Cables (4D2A), F/F1 - Single-core armoures PVC SWA Cables (4D3A), F/F2 - PVC SWA Cables (4D4A), A/A3 - PVC Twin & Earth (4D5), O/O1 - LSF single core cables 90°C rated (4E1A), O/O2 - Multi-core LSF cables 90°C rated (4E2A), G/G1 - Single-core armoured XLPE cables or 90°C rated (4E3A), G/G2 - Multi-core armoured XLPE cables or 90°C rated (4E4A), H/H1 - MICC exposed to touch (4G1A)

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			CII	RCU	T DET	ΓAILS													TE	ST RE	SULT	S						
and	Distribution board Designation	Тур	Ref	Z	Circuit co	onductors (mm²)	disc	Overcurrent devi		tive	Brea cap	opera	BS 7671 Max.		С	Circuit imp	edance	Ω			ation resis d lower re		Pol	Max. Measure	RCD	testing		ial test operation
ircuit Line	DB/LL1/L	e of w	ef. met	o, of po	_		Maximum	DO EN	Туре	Ratir (A)	aking pacity	RCD	zs Other		inal circui ured end-		Fig 8		its to be ed using	Test voltage	L/L, L/N	L/E, N/E	arity	Fred Xs	Above 30mA IΔn	30mA or below 5 IΔn	RCD	AFDD
<u>8</u> 8	Circuit designation	ring	thod	oints	ž	CPC	tion	BS EN Number	o.	- ng	(KA)	(mA)	(Ω)	r1	rn	r2	(√)	R1 + R2	R2	V	Μ(Ω)	M(Ω)	(~)	(Ω)	ms	ms	(√)	(√)
Details o	of circuits and/or installed e	quipr	ment v	ulnera	able to d	damage	when	testing	Dat	e(s) d	lead t	estino	06/07/	2022	То	06/07/2	2022	Date	` '	testing gnature		06/07/20	)22	To	)	06/07	7/2022	司
Tested b	y: Name (capital letters)	TF	RE LEVE	ER			P	osition Elect	rical T	est En	gineer			Date 06	6/07/202	2		j			-12	7/2						
Wiring Types.	A PVC/PVC, B PVC cables in metallic Conduit, C	PVC cal	bles in non-	metallic Co	onduit, <b>D</b> PVC	cables in me	etallic trunking	g, E PVC cables in no	on-metallic	trunking,	F PVC/SV	VA cables	, <b>G</b> SWA/XPLE	cables, <b>H</b> Mir	neral Insulate	ed, MW Meta	l Work, FN	Ferrous Me	tal, O Other									
	e Core PVC Cables (4D1A), A/A2 - Multio 4E2A), G/G1 - Single-core armoured XLI															1D5), O/O1	- LSF si	ngle core c	ables 90°C	rated (4E1	1A), O/O2 -	Multi-core	e LSF cal	bles				

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### Requirements for Electrical Installations BS 7671:2018 (IET Wiring Regulations 18<sup>th</sup> Edition)

Company	Name PHS Compliance				c	ompan	y Addr	ess Kid Glove	Roa	d					Postco	de WA3	3GR		Bran	ch No.				Schem	ie No.			
Client U	PP Residential Services Ltd					Installa	tion A					ay Cam , Swan	pus - Nanl sea	nyfer 12,	Reception	n - Grour	nd Floo	r Tower	Informati	on Centr	e, Fabiar	Po	ostco	de SA1	8EN			
Distributio	n board details - Complete in	every	case					the distribution	n boa	rd is r	ot cor	nected	directly	Cha	acterist	ics at this	distri	bution	ooard			Те	st inst	rument	serial n	umber(s	.)	
Location	Level 3 Kitchen LHS (Schneide	or)				_		e installation								CD(if any):	BS (EN		o .:	Al	oove 30m/	A (Fi	Loop i	mpedano	e 10211	8371		
Designation	`	51)				,		n board is from						N/A		<u>Ω</u> No.	of poles		Operating	_		S.   III	sulation	resistano	e 10211	8371		$\neg$
Num. of wa		nhaca	c .			vercurrent	(55 546)	BS(EN) 88-2 H	IRC								N/A		Dperating a	_	A or belov	ᇎᅵ		Continui	ty 10211	8371		
	polarity confirmed Phase se		1.	ed		otective de e distributi		T 0		ing 63	Α	Voltag	e 230	<u> </u>		applicable			operating t	a. o 1211 [	N/A ms			RC	D 10211	8371		
			CI	RCU	IT DE	ΓAILS													TE	ST RE	SULT	rs						
Circuit and Line	Distribution board Designation	Туре	Ref.	N <sub>O</sub> .		onductors (mm²)	disc	Overcurrent device		ctive	Breaking capacity	RCD operating	BS 7671 Max.		(	Circuit impe	edance	Ω			ation resis		Polarity	Max. Measured	RCD	testing	Manua button o	operation
ircui: Line	DB/CL5		ef. m	으			Maximum disconnection		Τyp	<sub>⊊ R</sub> a	king	ting	Zs Other		final circu		Fig 8	comple	uits to be ted using	Test voltage	L/L, L/N	L/E, N/E	arity	red ×	Above 30mA	30mA or below	RCD	AFDD
N N	Circuit designation	of wiring	method	points	Z	СРС	ction	BS EN Number	Type No.	(A)	(KA)	(mA)	80% (Ω)	r1	rn	r2	(√)	R1R2 or F	R2, not both	Vollage	M(Ω)	M(Ω)	(~)	Zs (Ω)	l∆n ms	5 l∆n ms	(√)	()
1/L2	Common Room Lights	A	E	9	1.5	1	0.4	61009 RCD/RCBO	С	10	10	30	1.75	N/A	N/A	N/A	N/A	0.20	N/A	250	LIM	>299	<b>✓</b>	0.39	28.7	28.6	<b>✓</b>	N/A
2/L2	Lights Rooms 3,4,5	А	E	18	1.5	1	0.4	61009 RCD/RCBO	С	10	10	30	1.75	N/A	N/A	N/A	N/A	0.33	N/A	250	LIM	>299	✓	0.50	28.7	28.7	<b>✓</b>	N/A
3/L2	Lights Rooms 1,2	А	E	12	1.5	1	0.4	61009 RCD/RCBO	С	10	10	30	1.75	N/A	N/A	N/A	N/A	0.27	N/A	250	LIM	>299	✓	0.44	29.7	28.6	✓	N/A
4/L2	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
5/L2	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	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	Ring Main Rooms 1,2	А	E	18	2x2.5	2x1.5	0.4	61009 RCD/RCBO	С	32	10	30	0.54	0.33	0.34	0.43	✓	0.19	N/A	250	LIM	>299	✓	0.40	28.7	29.7	✓	N/A
7/L2	Ring Main Rooms 3,4,5	А	E	21	2x2.5	2x1.5	0.4	61009 RCD/RCBO	С	32	10	30	0.54	0.36	0.36	0.49	✓	0.21	N/A	250	LIM	>299	✓	0.49	28.6	28.7	✓	N/A
8/L2	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
9/L2	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10/L2	Ring Main Common Room 1	А	E	6	2x2.5	2x1.5	0.4	61009 RCD/RCBO	С	32	10	30	0.54	0.42	0.41	0.59	✓	0.25	N/A	250	LIM	>299	✓	0.48	38.7	28.5	✓	N/A
11/L2	Ring Main Common Room 2	А	E	9	2x2.5	2x1.5	0.4	61009 RCD/RCBO	С	32	10	30	0.54	0.30	0.30	0.43	✓	0.18	N/A	250	LIM	>299	✓	0.38	28.7	28.7	✓	N/A
12/L2	Hob	А	E	1	6	2.5	0.4	61009 RCD/RCBO	С	32	10	30	0.54	N/A	N/A	N/A	N/A	0.07	N/A	250	LIM	>299	✓	0.25	29.7	28.7	✓	N/A
13/L2	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Details of	f circuits and/or installed e	quipr	nent v	ulner	able to	damage	when	testing	Da	te(s) o	dead t	esting	07/07	/2022	То	07/07/2	022	Date	e(s) live	testing		07/07/2	022	Т	0	07/07	7/2022	$\neg$
										. ,								i	Si	gnature		1 1		<u> </u>				
Tested by	y: Name (capital letters)	TF	RE LEVI	ER			F	osition	ical T	est En	gineer			Date 0	7/07/202	2		j			-12	7/1	_ <					
Wiring Types. A	PVC/PVC, <b>B</b> PVC cables in metallic Conduit, 0	PVC cal	bles in non-	metallic C	onduit, <b>D</b> PV0	cables in me	etallic trunkir	g, <b>E</b> PVC cables in no	n-metalli	c trunking	, F PVC/S	WA cables,	G SWA/XPLE	cables, H N	lineral Insula	ted, MW Metal	Work, FN	l Ferrous Me	tal, O Other									
A/A1 - Single	Core PVC Cables (4D1A), A/A2 - Multi	core PV	C Cables	(4D2A).	F/F1 - Sino	le-core arr	noures P\	C SWA Cables (41	D3A), F	/F2 - P\	C SWA	Cables (	4D4A), A/A3	- PVC Twi	n & Earth (	4D5), O/O1	- LSF sii	nale core o	ables 90°C	rated (4E	1A). O/O2	- Multi-con	e LSF ca	bles				

90°C rated (4E2A), G/G1 - Single-core armoured XLPE cables or 90°C rated (4E3A), G/G2 - Multi-core armoured XLPE cables or 90°C rated (4E4A), H/H1 - MICC exposed to touch (4G1A)

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			CI	RCU	IT DE	TAILS													TE	ST RE	SULT	S						
Ci	Distribution board Designation	Туре		N <sub>o</sub>	Circuit o	onductors (mm²)	<u>d</u> i	Overcurrent device		tive	Brea	opera	BS 7671 Max.		(	Circuit impe	edance	Ω			ation resis d lower re		Po	Meas	RCD	testing	Manua button o	
ircuit	DB/CL5	be of wiring	Ref. me	으			Maximum sconnection		Туре	Rating (A)	Breaking capacity	RCD operating	permitted Zs Other		final circu sured end-		Fig 8	complet	its to be ed using	Test voltage	L/L, L/N	L/E, N/E	Polarity	Max. s	Above 30mA IΔn	30mA or below 5 I∆n	RCD	AFDD
<u>N</u> 0.	Circuit designation	iring	method	points	ż	СРС	num	BS EN Number	O	ng	(KA)	(mA)	(Ω)	r1	rn	r2	(\sigma)	R1 + R2	R2, not both	V	M(Ω)	M(Ω)	(~)	(Ω)	ms	ms	(√)	(√)
14/L2	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
15/L2	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
16/L2	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
17/L2	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
18/L2	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
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							<u> </u>																					
Details o	of circuits and/or installed	equip	ment v	/ulner	able to	damage	when	testing	Dat	e(s)	lead t	esting	07/07/	2022	То	07/07/2	022	Date	e(s) live	testing		07/07/20	)22	To	o 🗌	07/07	7/2022	
																			Si	gnature	/_	1	/	7.				
Tested b	y: Name (capital letters)	TI	RE LEV	ER			F	Position	rical T	est En	gineer			Date 0	7/07/202	2		]			-12	1/1	<					
Wiring Types.	A PVC/PVC, B PVC cables in metallic Conduit,	C PVC ca	ables in non	-metallic C	onduit, <b>D</b> PV	C cables in m	etallic trunkir	ng, <b>E</b> PVC cables in no	n-metalli	trunking,	F PVC/S\	VA cables,	G SWA/XPLE	cables, H M	ineral Insulat	ted, MW Metal	Work, FN	l Ferrous Met	tal, <b>O</b> Other									
A/A1 - Single 90°C rated (4	e Core PVC Cables (4D1A), A/A2 - Mult 4E2A), G/G1 - Single-core armoured XL	icore P\ .PE cabl	/C Cables les or 90°	(4D2A) C rated	, F/F1 - Sin (4E3A), G/0	gle-core am 32 - Multi-c	moures P\ ore armou	/C SWA Cables (4) red XLPE cables o	D3A), F r 90°C	/F2 - PV rated (4	C SWA E4A), H/I	Cables (4	4D4A), A/A3 C exposed to	- PVC Twin touch (4G	n & Earth (4 1A)	4D5), O/O1	- LSF si	ngle core c	ables 90°C	rated (4E	1A), O/O2 -	- Multi-core	e LSF ca	ables				

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			CI	RCU	IT DE	ΓAILS													TE	ST RE	SULT	S						
and C	Distribution board Designation	Тур	Ref	Z	Circuit c	onductors (mm²)	] dis	Overcurrent device	•	tive	Brea capa	opera	BS 7671 Max.		С	Circuit impe	edance	Ω			ation resis d lower re		Pola	Max. Measure	RCD	testing		al test operation
ircuit	DB/CL5	e of w	ef. me	o, of po	_		Maxir	PO 511	Туре	Ratii (A)	king	RCD	permitted Zs Other		inal circui ured end-		Fig 8	All circu complete R1R2 or R	ed using	Test voltage	L/L, L/N	L/E, N/E	arity	red Xs	Above 30mA IΔn	30mA or below 5 I∆n	RCD	AFDD
<u> </u>	Circuit designation	iring	thod	oints	ž	СРС	aximum	BS EN Number	<u>Z</u> 0.		(KA)	(mA)	(Ω)	r1	rn	r2	(<)	R1 + R2	R2	V	Μ(Ω)	M(Ω)	(√)	(Ω)	ms	ms	(√)	(√)
Details o	tails of circuits and/or installed equipment vulnerable to damage when testing Date(s) dead testing 07/07/2022 To 07/07/2022 Date(s) live testing 07/07/2022 To 07/07/2022																											
													_						Si	gnature	4	5/2	/	/-				
Tested b	y: Name (capital letters)	TF	RE LEVI	ER			_  P	osition Electr	rical Te	est Eng	gineer			Date 07	7/07/202	2					-71	1/1						
Wiring Types.	A PVC/PVC, B PVC cables in metallic Conduit, 0	PVC cal	bles in non-	metallic C	onduit, <b>D</b> PVC	cables in me	etallic trunkin	g, E PVC cables in nor	n-metallic	trunking,	F PVC/SV	/A cables,	G SWA/XPLE	cables, <b>H</b> Mir	neral Insulate	ed, MW Metal	Work, FN	Ferrous Met	al, O Other									
	e Core PVC Cables (4D1A), A/A2 - Multi 4E2A), G/G1 - Single-core armoured XL															ID5), O/O1	- LSF si	ngle core ca	ables 90°C	rated (4E1	1A), O/O2 -	Multi-core	e LSF cat	bles				

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### Requirements for Electrical Installations BS 7671:2018 (IET Wiring Regulations 18<sup>th</sup> Edition)

Company	/ Name PHS Compliance				c	ompany	y Addr	ess Kid Glove	Roa	d					Postco	de WA3	3GR		Bran	ch No.				Schem	e No.			
Client U	PP Residential Services Ltd					Installa	tion A						pus - Nanh	yfer 12,	Receptio	n - Grour	nd Floo	or Tower	Informati	on Centr	e, Fabiai	n Po	stco	de SA1	8EN			$\Box$
					1.				, - ,		urrows			1														
Distributio	n board details - Complete in	every	case					the distribution e installation	n boa	rd is r	not con	necte	d directly			cs at this			ooard			_				umber(s	)	
Location	Mains room [Schneider]				_	•		n board is from						Ass N/A		CD(if any):	BS (EN		Operating	_	N/A ms	୍ଥ		mpedanc				_
Designation	DB EXT 1					Sub Mains(	DB/M, 1	0/L1)						Z <sub>d</sub> O		Ω No.	of poles				A or below	⇒ l In:	sulation	resistanc				
Num. of wa	ys 10 Num. of	phase	s 1			vercurrent	i <b>6</b>	BS(EN) 60947	MCC	В				l <sub>pf</sub> 2		<sub>:A</sub> IΔn	N/A		Operating	at 5 l∆n [	N/A ms	s 😇		Continuit	1			
Supply	polarity confirmed Phase se	quence	e confirm	ied		rotective de ne distribution		Туре	Rati	ing 40	A	Voltag	je\	Time	delay (if a	applicable)	N/	Ά		_				RC	08040	3/5756		
			CI	RCU	IT DE	TAILS													TE	ST RE	SULT	rs						
ano	Distribution board Designation	Туре	<sub>ZD</sub>	No.		onductors (mm²)	dis	Overcurrent device		tive	Breaking capacity	RCD operating	BS 7671 Max.		C	Circuit impe	edance	Ω			ation resis		Po	Max. Measured	RCD	testing	Manua button o	
Circuit and Line	DB EXT 1	of of	Ref. n	). of			_ May		Ϋ́	رچ	king acity	RCD	permitted Zs Other		final circui sured end-		Fig 8 check		uits to be ted using	Test	L/L,	L/E, N/E	Polarity	ured .	Above 30mA	30mA or below	RCD	AFDD
e No No	Circuit designation	of wiring	methoc	of points	L ×	CPC	Maximum disconnection	BS EN Number	Type No.	Rating (A)	(KA)	(mA)	80% (Ω)	r1	rn	r2		R1R2 or F	R2, not both	voltage	L/N		(<)	Zs (Ω)	IΔn ms	5 I∆n	(√)	( </td
1/L1	ссту	G	D	3	4	4	0.4	60898 MCB	В	10	10	N/A	1.75	N/A	N/A	N/A	(√) N/A	R1 + R2	R2 N/A	250	M(Ω)	M(Ω)	LIM	LIM	N/A	ms N/A	N/A	N/A
2/L1	EXT Lighting 1	G	D	4	6	6	0.4	60898 MCB	С	10	10	N/A	1.75	N/A	N/A	N/A	N/A	LIM	N/A	250	LIM	>299	LIM	LIM	N/A	N/A	N/A	N/A
3/L1	EXT Lighting 2	G	D	6	6	6	0.4	60898 MCB	С	10	10	N/A	1.75	N/A	N/A	N/A	N/A	LIM	N/A	250	LIM	>299	LIM	LIM	N/A	N/A	N/A	N/A
4/L1	Isolated	G	D	LIM	6	6	0.4	60898 MCB	С	10	10	N/A	1.75	N/A	N/A	N/A	N/A	LIM	N/A	250	LIM	>299	LIM	LIM	N/A	N/A	N/A	N/A
5/L1	EXT Lighting 4	G	D	4	6	6	0.4	60898 MCB	С	10	10	N/A	1.75	N/A	N/A	N/A	N/A	LIM	N/A	250	LIM	>299	LIM	LIM	N/A	N/A	N/A	N/A
6/L1	Isolated	G	D	LIM	6	6	0.4	60898 MCB	С	10	10	N/A	1.75	N/A	N/A	N/A	N/A	LIM	N/A	250	LIM	>299	LIM	LIM	N/A	N/A	N/A	N/A
7/L1	SPD	D	В	1	16	16	0.4	60898 MCB	С	63	10	N/A	0.28	N/A	N/A	N/A	N/A	0.02	N/A	250	LIM	>299	✓	0.15	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
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	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
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																												<u> </u>
Details o	f circuits and/or installed e	quip	ment v	ulnera	able to	damage	when	testing	Dat	te(s)	dead t	testing	06/07/	2022	То	06/07/2	022	Date	e(s) live	testing		06/07/2	022	T	o 🗌	06/07	7/2022	
																			Si	gnature	4	5/-	/	7.				
	y: Name (capital letters)		RE LEV				_	Position Electr							6/07/202						71	//4						
Wiring Types.	A PVC/PVC, <b>B</b> PVC cables in metallic Conduit, <b>C</b>	PVC ca	bles in non-	metallic C	onduit, <b>D</b> PV0	C cables in me	tallic trunkir	ng, E PVC cables in nor	n-metalli	c trunking	, F PVC/S\	NA cables	, <b>G</b> SWA/XPLE	cables, H N	lineral Insulat	ed, <b>MW</b> Metal	Work, FN	/ Ferrous Me	tal, O Other									
A/A1 - Single 90°C rated (4	Core PVC Cables (4D1A), A/A2 - Multi E2A), G/G1 - Single-core armoured XL	core PV PE cabl	C Cables	(4D2A), C rated (	F/F1 - Sing 4E3A), G/C	gle-core arm 32 - Multi-co	noures PV re armou	C SWA Cables (40 red XLPE cables or	D3A), F r 90°C	/F2 - P\ rated (4	/C SWA E4A), H/I	Cables ( H1 - MIC	4D4A), A/A3 C exposed to	- PVC Twin	n & Earth (4 1A)	D5), O/O1	- LSF si	ngle core o	ables 90°C	rated (4E	1A), O/O2	- Multi-cor	e LSF ca	bles				

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			CII	RCU	IT DET	<b>TAILS</b>													TE	ST RE	SULT	S						
C and	Distribution board Designation	Тур	Ref	N <sub>o</sub>	Circuit co	onductors (mm²)	disc	Overcurrent device		tive	Brea cap	opera	BS 7671 Max.		C	Circuit imp	edance	Ω			ation resis d lower re		Pola	Max Measu	RCD t	testing	Manua button o	al test operation
ircuit	DB EXT 1	e of w	ef. met	o. of po	_		Maxin	DO EN	Type	Ratir (A)	king	RCD	zs Other		inal circui ured end-		Fig 8	All circu complete R1R2 or R	ed using	Test voltage	L/L, L/N	L/E, N/E	arity	ured Zs	Above 30mA IΔn	30mA or below 5 IΔn	RCD	AFDD
N N	Circuit designation	wiring	thod	oints	ž	СРС	ction	BS EN Number	<u>N</u>	ng	(KA)	(mA)	(Ω)	r1	rn	r2	(~)	R1 + R2	R2	V	Μ(Ω)	Μ(Ω)	(√)	(Ω)	ms	ms	(√)	(√)
Details o	of circuits and/or installed e	equipr	nent v	ulnera	able to o	damage	when	testing	Dat	te(s) d	lead t	esting	06/07/	2022	То	06/07/2	2022	Date	` '	testing gnature		06/07/20	022	т	o	06/07	7/2022	司
Tested b	y: Name (capital letters)	TF	RE LEVE	ER			P	osition Electr	ical T	est En	gineer			Date 06	6/07/202	2			·	-	-12	7/1	_ <					
Wiring Types.	A PVC/PVC, B PVC cables in metallic Conduit,	C PVC cat	oles in non-	metallic Co	onduit, <b>D</b> PVC	cables in me	tallic trunking	g, E PVC cables in nor	n-metallic	c trunking,	F PVC/SV	VA cables	, <b>G</b> SWA/XPLE	cables, H Mir	neral Insulat	ed, <b>MW</b> Meta	l Work, FM	Ferrous Met	al, O Other									
	e Core PVC Cables (4D1A), A/A2 - Multi 4E2A), G/G1 - Single-core armoured XL															ID5), O/O1	- LSF sii	ngle core ca	ables 90°C	rated (4E1	1A), O/O2	- Multi-core	e LSF cal	oles				

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Company	Name PHS Compliance					Compan	y Addı	ress Kid Glove	Roa	d					Postco	de WA3	3GR		Bran	ch No.				Schem	e No.			
Client U	PP Residential Services Ltd					Installa	tion A					ay Cam s, Swan	pus - Nani sea	hyfer 12,	Reception	n - Grou	nd Floo	r Tower	Informati	on Centr	e, Fabiar	Po	ostco	de SA1	8EN			
Distributio	n board details - Complete in	ever	/ case		-	Complete	only if	the distribution						Char	acteristi	cs at thi	s distr	bution l	board			Te	st inst	rument	serial n	umber(s	;)	
					_			e installation					-	Ass	ociated R	CD(if any):	BS (EN			Al	oove 30m/			mpedanc	_	`		$\neg$
Location	Ground Floor Plant Room (Sch	neider	·)					n board is from						N/A					Operating	at 1 l∆n	N/A ms	s 🛱 In:	sulation	resistanc	e 10211	8371		=
Designation						Sub Mains	(DB/M, 3							_			of poles				A or below	v 율			v 10211			$\dashv$
Num. of wa	ys 12 Num. of	phase	es 3			Overcurrent protective de	evice for	BS(EN) 60947	-					I <sub>pf</sub> 3	.02 I	kA I∆r	N/A		Operating	at 5 l∆n	N/A ms	; <sup>@</sup>			D 10211			
Supply	polarity confirmed Phase se	quenc	e confirm	ed 🗸	']   t	he distributi	on circuit	: Type	Rat	ing 100	ΔΑ	Voltag	je 400	V   Time	delay (if	applicable	) NA	١						RU	0 10211	0371		
			CI	RCU	IT DE	TAILS													TE	ST RE	SULT	ſS						
ano	Distribution board Designation	Туре	77	N <sub>O</sub>		conductors (mm²)	dis	Overcurrent device		ctive	Breaking capacity	RCD operating	BS 7671 Max.		(	Circuit imp	edance	Ω			ation resis		Po	Meas	RCD	testing	Manua button o	
Circuit No. and Line No.	DB/LL1/P	of of	Ref. n	0. of			Maximum disconnection			٦_ ٦	aking	RCD	permitted Zs Other		final circu		Fig 8		uits to be	Test	L/L,	L/E,	Polarity	Max. Measured	Above 30mA	30mA or below	RCD	AFDD
ō ≓ ZZ	Circuit designation	of wiring	method	of points	L Z	CPC	lection Ximu	BS EN	Type No.	Rating (A)	(KA)		80%	<del>  `                                  </del>	sured end-	T			ted using R2, not both	voltage	L/N	N/E	1, ,	Zs	IΔn	5 I∆n	, ,	( / )
9 9	On cuit designation		<u>8</u>	is	Z	<u>č</u>	3 3	Number	.0	1 4	(KA)	(IIIA)	(Ω)	r1	rn	r2	(√)	R1 + R2	R2	V	M(Ω)	M(Ω)	(~)	(Ω)	ms	ms	(√)	( \ )
1/L1	Sem Room 7	Α	E	7	6	6	5	61009 RCD/RCBO	С	32	10	30	0.54	LIM	LIM	LIM	LIM	LIM	N/A	LIM	LIM	LIM	LIM	LIM	LIM	LIM	LIM	N/A
1/L2	Sem Room 6	А	E	6	2X2.5	2X1.5	0.4	61009 RCD/RCBO	С	32	10	30	0.54	0.70	0.72	1.21	✓	0.48	N/A	250	LIM	>299	✓	0.46	28.5	18.4	<b>/</b>	N/A
1/L3	Sem Room 5	А	E	6	2X2.5	2X1.5	0.4	61009 RCD/RCBO	С	32	10	30	0.54	0.61	0.60	0.98	<b>✓</b>	0.40	N/A	250	LIM	>299	✓	0.71	32.5	20.4	✓	N/A
2/L1	Sem Room 4	А	E	5	2X2.5	2X1.5	0.4	61009 RCD/RCBO	С	32	10	30	0.54	0.42	0.40	0.72	✓	1.12	N/A	250	LIM	>299	LIM	LIM	33.0	22.0	✓	N/A
2/L2	Sem Room 3	А	E	6	2X2.5	2X1.5	0.4	61009 RCD/RCBO	С	32	10	30	0.54	1.01	1.02	1.62	✓	0.66	N/A	250	LIM	>299	LIM	LIM	32.5	19.2	✓	N/A
2/L3	Sem Room 2	А	E	6	2X2.5	2X1.5	0.4	61009 RCD/RCBO	С	32	10	30	0.54	1.02	1.01	1.64	✓	0.67	N/A	250	LIM	>299	LIM	LIM	28.4	18.8	✓	N/A
3/L1	Sem Room 1	А	E	7	2X2.5	2X1.5	0.4	61009 RCD/RCBO	С	32	10	30	0.54	1.25	1.27	1.87	✓	0.78	N/A	250	LIM	>299	✓	0.75	44.5	26.2	✓	N/A
3/L2	Stairwell Sockets	А	E	2	2X2.5	2X1.5	0.4	61009 RCD/RCBO	С	32	10	30	0.54	0.39	0.38	0.55	✓	0.24	N/A	250	LIM	>299	✓	0.49	20.6	12.4	✓	N/A
3/L3	Corridor Sockets	А	E	4	2X2.5	2X1.5	0.4	61009 RCD/RCBO	С	32	10	30	0.54	0.91	0.92	1.47	✓	0.60	N/A	250	LIM	>299	✓	0.77	26.4	14.2	✓	N/A
4/L1	IT & Mains Room Sockets	А	E	2	2X2.5	2X1.5	0.4	61009 RCD/RCBO	С	32	10	30	0.54	LIM	LIM	LIM	LIM	LIM	N/A	LIM	LIM	LIM	✓	0.38	LIM	LIM	LIM	N/A
4/L2	Handryer	А	E	1	2.5	1.5	0.4	61009 RCD/RCBO	С	16	10	30	1.09	N/A	N/A	N/A	N/A	0.12	N/A	250	LIM	>299	✓	0.33	22.8	16.4	✓	N/A
4/L3	Auto Door	А	E	1	2.5	1.5	0.4	61009 RCD/RCBO	С	16	10	30	1.09	N/A	N/A	N/A	N/A	LIM	N/A	250	LIM	>299	LIM	LIM	32.4	19.2	✓	N/A
Details o	f circuits and/or installed e	quip	ment v	ulner	able to	damage	when	testing	Da	te(s)	dead	testing	06/07	/2022	То	06/07/2	022	Date	e(s) live	testing		06/07/2	022	T	0	06/07	7/2022	
																			Si	gnature	2	1	/	7.				
Tested b	y: Name (capital letters)	Т	RE LEV	ER			F	Position Electi	ical 1	est Er	gineer			Date 0	6/07/202	2					-12	1/1	<					
Wiring Types. A	PVC/PVC, <b>B</b> PVC cables in metallic Conduit, <b>C</b>	PVC ca	ables in non-	metallic C	onduit, <b>D</b> PV	'C cables in me	tallic trunkir	ng, <b>E</b> PVC cables in not	n-metall	ic trunking	, F PVC/S	WA cables	, <b>G</b> SWA/XPLE	E cables, <b>H</b> M	lineral Insulat	ed, <b>MW</b> Meta	l Work, FN	l Ferrous Me	etal, O Other									
A/A1 - Single 90°C rated (4	Core PVC Cables (4D1A), A/A2 - Multi E2A), G/G1 - Single-core armoured XL	core P\	/C Cables	(4D2A),	, F/F1 - Sir (4E3A), G/	ngle-core arn G2 - Multi-co	noures P\	/C SWA Cables (4I	D3A), F	F/F2 - P	/C SWA E4A). H/	Cables (	4D4A), A/A3	- PVC Twir	n & Earth (4	4D5), O/O1	- LSF si	ngle core	cables 90°C	rated (4E	1A), O/O2 ·	- Multi-cor	e LSF ca	bles				

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

			CI	RCU	IT DE	TAILS													TE	ST RE	SULT	rs						
C and	Distribution board Designation	Туре	77	z		onductors (mm²)	dis	Overcurrent devic		tive	Bre	oper	BS 7671 Max.		(	Circuit impe	edance	Ω			ation resis		Po	Meas Meas	RCD	testing	Manua button o	al test operation
Circuit d Line	DB/LL1/P	으	Ref. m	No. of	034		May	dovice	Туре	٦	Breaking capacity	RCD operating	permitted Zs Other		final circu sured end-		Fig 8		its to be ed using	Test	L/L, L/N	L/E, N/E	Polarity	Max. Measured	Above 30mA	30mA or below	RCD	AFDD
e It No.	Circuit designation	wiring	method	points	ž	CPC	Maximum sconnection	BS EN Number	No.	(A)	(KA)	(mA)	80% (Ω)	r1	rn	r2	옷 ∞ (√)		R2, not both	voltage V	M(Ω)	M(Ω)	(~)	Zs (Ω)	IΔn ms	5 I∆n ms	(√)	(√)
5/L1	PC Lab Room 4	А	E	3	2X2.5	2X1.5	0.4	61009 RCD/RCBO	С	32	10	30	0.54	LIM	LIM	LIM	LIM	LIM	N/A	LIM	LIM	LIM	✓	LIM	LIM	LIM	LIM	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	Room 10 Sockets	А	E	LIM	2.5	1.5	0.4	61009 RCD/RCBO	В	20	10	30	1.75	N/A	N/A	N/A	N/A	LIM	N/A	LIM	LIM	LIM	LIM	LIM	LIM	LIM	LIM	N/A
7/L2 Room 10 Sockets A E LIM 2.5 1.5 0.4 61009 RCD/RCBO B 20 10 30 1.75 N/A N/A N/A N/A N/A LIM N/A 250 LIM >299 LIM LIM LIM LIM LIM 7/L3 Room 10 Sockets A E LIM 2.5 1.5 0.4 61009 RCD/RCBO B 20 10 30 1.75 N/A N/A N/A N/A N/A N/A LIM N/A 250 LIM >299 LIM LIM LIM LIM LIM LIM LIM LIM LIM N/A 250 LIM >299 LIM															LIM	LIM	N/A											
7/L3	Room 10 Sockets	А	E	LIM	2.5	1.5	0.4		В	20	10	30	1.75	N/A	N/A	N/A	N/A	LIM	N/A	250	LIM	>299	LIM	LIM	LIM	LIM	LIM	N/A
8/L1	Room 2 Sockets	А	E	N/A	2.5	1.5	0.4	61009 RCD/RCBO	В	20	10	30	1.75	N/A	N/A	N/A	N/A	LIM	N/A	250	LIM	>299	LIM	LIM	LIM	LIM	LIM	N/A
8/L2	8/L1 Room 2 Sockets A E N/A 2.5 1.5 0.4 61009 B 20 10 30 1.75 N/A N/A N/A N/A N/A LIM N/A 250 LIM >299 LIM															LIM	N/A											
8/L3	Room 2 Sockets	А	E	N/A	2.5	1.5	0.4	61009 RCD/RCBO	В	20	10	30	1.75	N/A	N/A	N/A	N/A	LIM	N/A	250	LIM	>299	LIM	LIM	LIM	LIM	LIM	N/A
9/L1	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
9/L2	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	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
10/L1	IT & Mains Room	А	E	2	2.5	1.5	0.4	61009 RCD/RCBO	С	16	10	30	1.09	N/A	N/A	N/A	N/A	LIM	N/A	250	LIM	>299	✓	0.34	LIM	LIM	N/A	N/A
10/L2	IT Cab	А	E	1	2.5	1.5	0.4	61009 RCD/RCBO	С	16	10	30	1.09	N/A	N/A	N/A	N/A	LIM	N/A	LIM	LIM	LIM	LIM	LIM	LIM	LIM	LIM	N/A
10/L3	Untraced Circuit	А	E	LIM	2.5	1.5	0.4	61009 RCD/RCBO	С	10	10	30	1.75	N/A	N/A	N/A	N/A	LIM	N/A	250	LIM	>299	LIM	LIM	LIM	LIM	N/A	N/A
11/L1	PC Lab Room 4	А	E	LIM	2.5	1.5	0.4	61009 RCD/RCBO	С	16	10	30	1.09	N/A	N/A	N/A	N/A	LIM	N/A	LIM	LIM	LIM	LIM	LIM	LIM	LIM	LIM	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
Details of	of circuits and/or installed	equip	ment v	ulner	able to	damage	when	testing	Dat	e(s) c	lead t	esting	06/07/	2022	То	06/07/2	022	Date	e(s) live	testing		06/07/20	)22	To	0	06/07	7/2022	
																			Się	gnature	4	5/2	/	7 -				
	by: Name (capital letters)		RE LEV				_	Position Electr						_	6/07/202						-71	7/2						
	A PVC/PVC, B PVC cables in metallic Conduit,							-		_														L				
	e Core PVC Cables (4D1A), A/A2 - Mult 4E2A), G/G1 - Single-core armoured XL															4D5), O/O1	- LSF si	ngle core c	ables 90°C	rated (4E	1A), O/O2	- Multi-core	ELSF ca	bles				

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

			CI	RCU	IT DE	TAILS													TE	ST RE	SULT	rs						
Ci	Distribution board Designation	Тур	Ref.	N <sub>O</sub>		onductors (mm²)	disc	Overcurrent device		tive	Breaking capacity	RCD operating	BS 7671 Max.		C	Circuit impe	edance	Ω			ation resis		Pol	Max. Measured	RCD	testing	Manu button o	ıal test operatio
rcuit Line	DB/LL1/P	Type of wiring	ef. method	으	_		Maximum disconnection	BS EN	Туре	Rating (A)	acity	ating	permitted Zs Other		final circui ured end-		Fig 8	complet	its to be ed using 2, not both	Test voltage	L/L, L/N	L/E, N/E	Polarity	Zs	Above 30mA I∆n	30mA or below 5 I∆n	RCD	AFDD
<u>8</u> 8	Circuit designation	ring	hod	points	Ľ Z	CPC	g H	Number	Ş Ö	g	(KA)	(mA)	(Ω)	r1	rn	r2	(~)	R1 + R2	R2	V	M(Ω)	Μ(Ω)	(~)	(Ω)	ms	ms	(~)	(√
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
12/L1	Untraced Circuit	А	E	LIM	2X2.5	2X1.5	0.4	61009 RCD/RCBO	С	32	10	30	0.54	LIM	LIM	LIM	LIM	LIM	N/A	250	LIM	>299	LIM	LIM	LIM	LIM	N/A	N/A
12/L2	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
12/L3	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
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Details o	of circuits and/or installed	equip	ment v	ulner	able to	damage	e when	testing	Dat	te(s)	dead	testing	06/07	2022	То	06/07/2	022	Date	e(s) live	-	2	06/07/20	)22	т	0	06/07	7/2022	
Tested b	by: Name (capital letters)	ТІ	RE LEV	ER			F	Position Electr	ical T	est En	gineer			Date 0	6/07/202	2		]	Si	gnature	1	Th	//	):				
	A PVC/PVC, B PVC cables in metallic Conduit,																	1				60						

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90°C rated (4E2A), G/G1 - Single-core armoured XLPE cables or 90°C rated (4E3A), G/G2 - Multi-core armoured XLPE cables or 90°C rated (4E4A), H/H1 - MICC exposed to touch (4G1A)

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			CII	RCU	IT DE	<b>TAILS</b>													TE	ST RE	SULT	S						
and	Distribution board Designation	Тур	Ref	N <sub>o</sub>	Circuit co	onductors (mm²)	disc	Overcurrer dev	t protec ices	tive	Brea cap	opera	BS 7671 Max.		С	Circuit impe	edance	Ω			ition resis d lower re		Pola	Max. Measure	RCD	testing	Manua button o	
ircuit Line	DB/LL1/P	e of w	ef. met	o. of po	_		Maxin	DO EN	Type	Ratir (A)	acity	RCD	permitted Zs Other		inal circui ured end-		Fig 8	All circu complet R1R2 or R		Test voltage	L/L, L/N	L/E, N/E	arity	ured Zs	Above 30mA IΔn	30mA or below 5 IΔn	RCD	AFDD
8 8 6 6	Circuit designation	ring	thod	oints	ž	СРС	aximum	BS EN Number	<u>8</u>	) ng	(KA)	(mA)	(Ω)	r1	rn	r2	(√)	R1 + R2	R2	V	M(Ω)	M(Ω)	(√)	(Ω)	ms	ms	(√)	(√)
Details o	of circuits and/or installed e	quip	ment v	ulnera	able to	damage	when	testing	Dat	e(s) d	lead t	esting	06/07/2	2022	То	06/07/2	022	Date	` '	testing anature	_	06/07/20	)22	To		06/07	7/2022	$\Box$
Tested b	y: Name (capital letters)	TF	RE LEVE	ER			P	osition Elec	trical T	est En	gineer			Date 06	6/07/202	2		j	·	•	1	7/1						
Wiring Types.	A PVC/PVC, B PVC cables in metallic Conduit,	PVC ca	bles in non-	metallic Co	onduit, <b>D</b> PVC	cables in me	etallic trunking	, E PVC cables in r	on-metallio	c trunking,	F PVC/SV	VA cables,	G SWA/XPLE	cables, H Mir	neral Insulate	ed, <b>MW</b> Metal	l Work, FM	Ferrous Met	al, O Other									
	e Core PVC Cables (4D1A), A/A2 - Multi 4E2A), G/G1 - Single-core armoured XL															ID5), O/O1	- LSF sii	ngle core c	ables 90°C	rated (4E1	A), O/O2 -	Multi-core	ELSF cat	oles				

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Company	y Name PHS Compliance				C	ompany	y Addr	ess Kid Glove	Roa	t					Postco	de WA3	3GR		Bran	ch No.				Schem	e No.			
Client ∪	PP Residential Services Ltd					Installa	tion A						pus - Nanl	nyfer 12,	Receptio	n - Grour	nd Floc	r Tower	Informati	on Centr	e, Fabiar	Po	stco	de SA1	8EN			
								Way	/, Cryı	mlyn E	Burrows	, Swan	sea															
Distribution	n board details - Complete in	every	case					the distribution	n boa	rd is	not con	nected	directly	Char	acteristi	cs at this	distri	bution l	ooard			Te	st inst	rument	serial n	umber(s	)	
Location	Level 5 Plant Room (Schneide	r)			_	•		e installation  n board is from								CD(if any):	BS (EN		Operating		ove 30m	m	Loop	impedanc	e 10211	8371		
Designation	· ·	.,				,		par 2, 16/TP)						N/A Z <sub>d</sub> 0	_	Ω No.	of poles		Operating	_	NA ms	⇒ I Ins	sulation	resistanc	e 10211	8371		
Num. of wa		nhaec	, c			vercurrent		BS(EN) 88-2 H	IRC at	3				l <sub>pf</sub> 2			N/A		Operating a					Continuit	y 10211	8371		
	polarity confirmed  Phase se		1.5	ed 🗸	р	rotective de ne distribution		T		ng 63	A	Voltag	e 400	., l –		applicable)			porumiy .	C	NA IIIs	,		RC	10211	8371		
			CI	RCU	IT DE	TAILS													TE	ST RE	SULT	S						
ω	Distribution board Designation					onductors		Overcurrent	protec	tive	о <u>в</u>	පි	BS 7671			Circuit impe	dance	0		Insul	ation resis	tance	_	<b>≤</b> _	PCD	testing	Manua	
Circuit No. and Line No.	Distribution board Designation DB/PL	Туре	Ref.	₽	csa	(mm²)	Maximum disconnection	devic		1	Breaking capacity	RCD operating	Max. permitted	Dina						<u> </u>	rd lower re		Polarity	Max. Measured	Above	30mA or	button o	
cuit	DB/PL	of ≽		of p	_	_	/laxii		Γ <sub>γρ</sub>	(A)	ı İ₹g	1 g Q	Zs Other 80%		final circui sured end-		Fig 8 check	comple	uits to be ted using	Test voltage	L/L, L/N	L/E, N/E	₹		30mA IΔn	below 5 I∆n	RCD	AFDD
No.	Circuit designation	of wiring	method	points	Z Z	СРС	num	BS EN Number	Type No.	) Ing	(KA)	(mA)	(Ω)	r1	rn	r2	(1/2)	R1R2 or I	R2, not both	V	M(Ω)	M(Ω)	(~)	Zs (Ω)	ms	ms	(√)	(🗸)
1/L1	EXT Fan 1	G	С	1	2.5	2.5	0.4	61009 RCD/RCBO	С	16	10	30	1.09	N/A	N/A	N/A		0.30	N/A	250	LIM	>299	<b>✓</b>	0.51	39.8	25.9	<b>✓</b>	N/A
1/L2	EXT Fan 2	G	С	1	2.5	2.5	0.4	61009 RCD/RCBO	С	16	10	30	1.09	N/A	N/A	N/A	N/A	0.31	N/A	250	LIM	>299	<b>✓</b>	0.50	38.9	29.8	✓	N/A
1/L3	EXT Fan 3	G	С	1	2.5	2.5	0.4	61009 RCD/RCBO	С	16	10	30	1.09	N/A	N/A	N/A	N/A	0.38	N/A	250	LIM	>299	✓	0.54	37.9	27.8	✓	N/A
2/L1	EXT Fan 4	G	С	1	2.5	2.5	0.4	61009 RCD/RCBO	С	16	10	30	1.09	N/A	N/A	N/A	N/A	0.41	N/A	250	LIM	>299	✓	0.61	39.9	28.9	<b>✓</b>	N/A
2/L2	EXT Fan 5	G	С	1	2.5	2.5	0.4	61009 RCD/RCBO	С	16	10	30	1.09	N/A	N/A	N/A	N/A	0.35	N/A	250	LIM	>299	✓	0.55	39.8	28.9	<b>✓</b>	N/A
2/L3	EXT Fan 6	G	С	1	2.5	2.5	0.4	61009 RCD/RCBO	С	16	10	30	1.09	N/A	N/A	N/A	N/A	0.41	N/A	250	LIM	>299	✓	0.62	39.9	28.7	✓	N/A
3/L1	EXT Fan 7	G	С	1	2.5	2.5	0.4	61009 RCD/RCBO	С	16	10	30	1.09	N/A	N/A	N/A	N/A	0.40	N/A	250	LIM	>299	✓	0.63	37.9	33.8	✓	N/A
3/L2	EXT Fan 8	G	С	1	2.5	2.5	0.4	61009 RCD/RCBO	С	16	10	30	1.09	N/A	N/A	N/A	N/A	0.38	N/A	250	LIM	>299	✓	0.54	39.7	37.8	✓	N/A
3/L3	EXT Fan 9	G	С	1	2.5	2.5	0.4	61009 RCD/RCBO	С	16	10	30	1.09	N/A	N/A	N/A	N/A	0.32	N/A	250	LIM	>299	✓	0.48	38.9	33.6	✓	N/A
4/L1	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
4/L2	HRU	А	В	1	2.5	2.5	0.4	61009 RCD/RCBO	С	16	10	30	1.09	N/A	N/A	N/A	N/A	0.27	N/A	250	LIM	>299	✓	0.46	39.8	29.8	✓	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 o	f circuits and/or installed e	quip	ment v	ulner	able to	damage	when	testing	Dat	e(s)	dead t	esting	08/07	/2022	То	08/07/2	022	Date	e(s) live	testing		08/07/20	)22	T	o 🗌	08/07	7/2022	
																			Si	gnature	/	1	/	7.				
Tested b	y: Name (capital letters)	TI	RE LEV	ER			P	osition Electr	ical T	est E	ngineer			Date 0	8/07/202	2					-12	1/1	<					
Wiring Types.	A PVC/PVC, <b>B</b> PVC cables in metallic Conduit, 0	C PVC ca	bles in non-	metallic C	onduit, <b>D</b> PV0	C cables in me	tallic trunkin	g, E PVC cables in nor	n-metalli	c trunkin	g, <b>F</b> PVC/SV	VA cables	G SWA/XPLE	cables, <b>H</b> M	lineral Insulate	ed, <b>MW</b> Metal	Work, FN	l Ferrous Me	tal, <b>O</b> Other									
A/A1 - Single 90°C rated (4	Core PVC Cables (4D1A), A/A2 - Multi E2A), G/G1 - Single-core armoured XL	core P\ PE cabl	C Cables	(4D2A), C rated (	F/F1 - Sing 4E3A), G/C	gle-core arm 32 - Multi-co	noures PV re armour	C SWA Cables (40 red XLPE cables or	03A), F	/F2 - P	VC SWA IE4A), H/I	Cables (	4D4A), A/A3 C exposed to	- PVC Twir	n & Earth (4 1A)	ID5), O/O1	- LSF si	ngle core o	cables 90°C	rated (4E	1A), O/O2	- Multi-core	LSF ca	ibles				

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

			CI	RCU	IT DE	TAILS													TE	ST RE	SULT	S						
and	Distribution board Designation	Туре	Δ̈	Z <sub>O</sub>		onductors (mm²)	disc	Overcurrent device		tive	Breaking capacity	RCD operating	BS 7671 Max.		C	ircuit impe	edance	Ω			ation resis d lower re		Pol	Max. Measured	RCD	testing	Manua button o	
Circuit and Line	DB/PL	으	Ref. m	으			Max		Туре	_ R <sub>a</sub>	king	ating	permitted Zs Other		final circui ured end-		Fig 8 check	All circu		Test voltage	L/L, L/N	L/E, N/E	Polarity	ured	Above 30mA	30mA or below	RCD	AFDD
NO P	Circuit designation	wiring	method	points	Z Z	CPC	Maximum disconnection	BS EN Number	No.	Rating (A)	(KA)	(mA)	80% (Ω)	r1	rn	r2	(√)	R1R2 or R	2, not both R2	V	Μ(Ω)	M(Ω)	(√)	Zs (Ω)	IΔn ms	5 IΔn ms	(√)	(√)
5/L1	Ring Main Plant Room	А	В	2	2.5	2.5	0.4	61009 RCD/RCBO	С	32	10	30	0.54	0.15	0.16	0.24	<b>✓</b>	0.09	N/A	250	LIM	>299	<b>✓</b>	0.24	39.9	29.9	<b>✓</b>	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	AOV	А	В	1	2.5	2.5	0.4	61009 RCD/RCBO	С	6	10	30	2.91	N/A	N/A	N/A	N/A	0.18	N/A	250	LIM	>299	✓	0.35	38.6	33.9	✓	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	Lighting	А	В	4	1.5	1.5	0.4	61009 RCD/RCBO	С	10	10	30	1.75	N/A	N/A	N/A	N/A	0.30	N/A	250	LIM	>299	✓	0.49	38.9	37.8	<b>✓</b>	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/TP	Mech Control Panel	G	С	1	16	16	5	60898 MCB	С	32	10	N/A	0.54	N/A	N/A	N/A	N/A	0.01	N/A	250	LIM	>299	✓	0.20	N/A	N/A	N/A	N/A
8/TP	P SPARE N/A															N/A	N/A	N/A										
9/TP																N/A	N/A	N/A	N/A									
10/TP																N/A	N/A	N/A										
11/TP																N/A	N/A											
12/TP																N/A	N/A	N/A										
13/TP	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
14/TP	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
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/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
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/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	of circuits and/or installed	equip	ment v	ulner	able to	damage	when	testing	Dat	e(s)	dead t	esting	08/07	2022	То	08/07/2	022	Date	(s) live	testing		08/07/20	)22	T	o 🗌	08/07	7/2022	$\Box$
	by: Name (capital letters)  A PVC/PVC, B PVC cables in metallic Conduit,		RE LEV				_	osition Electr							8/07/202			]		gnature	1	Ta		7: -				_

A/A1 - Single Core PVC Cables (4D1A), A/A2 - Multicore PVC Cables (4D2A), F/F1 - Single-core armoures PVC SWA Cables (4D3A), F/F2 - PVC SWA Cables (4D4A), A/A3 - PVC Twin & Earth (4D5), O/O1 - LSF single core cables 90°C rated (4E1A), O/O2 - Multi-core LSF cables

90°C rated (4E2A), G/G1 - Single-core armoured XLPE cables or 90°C rated (4E3A), G/G2 - Multi-core armoured XLPE cables or 90°C rated (4E4A), H/H1 - MICC exposed to touch (4G1A)

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

	CIRCUIT DETAILS																TE	ST RE	SUL	rs _								
anc	Distribution board Designation	Туре	70	N <sub>o</sub> .		conductors (mm²)	dis	Overcurrent devi		ctive	Brea	oper	BS 7671 Max.			Circuit imp	edance	Ω			ation resis		Po	Ma Meas	RCD	testing	Manual tes button opera	
Circuit	DB/PL	e of wiring	Ref. method	으	_		Maximum disconnection	PO 511	Туре	Rating (A)	Breaking capacity	RCD operating	permitted Zs Other		final circu sured end		Fig 8 check	comple	uits to be ted using R2, not both	Test voltage	L/L,	L/E, N/E	Polarity	Max. Volume	Above 30mA IΔn	30mA or below 5 IΔn	RCD	3 2
Z Z	Circuit designation	ring	thod	points	ž	СРС	ation m	BS EN Number	No.	- ng	(KA)	(mA)	(Ω)	r1	rn	r2	(~)	R1 + R2		V	M(Ω)	M(Ω)	(~)	(Ω)	ms	ms	(√)	(
/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	1
/TP	Surge Protection	D	В	1	16	16	5	60898 MCB	С	40	10	N/A	0.44	N/A	N/A	N/A	N/A	0.01	N/A	250	LIM	>299	✓	0.19	N/A	N/A	N/A	1
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stails of circuits and/or installed equipment vulnerable to damage when testing Date(s) dead testing									08/07/	2022	То	08/07/2	022	Date(s) live testing 08/07/2					2022 To 08/07				7/2022					
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Tested by: Name (capital letters)											gineer			Date 0	8/07/202	22					-12	7/1	(					
Types.	A PVC/PVC, B PVC cables in metallic Conduit	, C PVC ca	ables in non	-metallic C	onduit, <b>D</b> PV	C cables in me	etallic trunkin	ng, E PVC cables in no	n-metalli	ic trunking	, F PVC/S	NA cables,	G SWA/XPLE	cables, H M	ineral Insula	ted, MW Meta	l Work, FN	Ferrous Me	etal, O Other									

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### Requirements for Electrical Installations BS 7671:2018 (IET Wiring Regulations 18<sup>th</sup> Edition)

	CIRCUIT DETAILS														TEST RESULTS													
and	Distribution board Designation	Тур	Ref	N <sub>C</sub>	Circuit conductors csa (mm²)		disc	Overcurrent protective devices		l ää rea		9 _	BS 7671 Max.		C	Circuit impe	edance	Ω		Insulation resistance (Record lower reading)			Pol	Max. Measure	RCD	testing	Manua button o	
ircuit Line	DB/PL	e of w	ef. met	o. of po	_		Maxin	DO 511	Туре	Ratii (A)	king	RCD rating	permitted Zs Other	Ring final circuits only (measured end-to-end)		Fig 8	All circuits to be completed using R1R2 or R2, not both		Test voltage	L/L, L/N	L/E, N/E	arity	red Xs	Above 30mA IAn	30mA or below 5 IΔn	RCD	AFDD	
9 9 9 9	Circuit designation	ring	thod	bints	ž	СРС	aximum	BS EN Number	No.	g	(KA)	(mA)	(Ω)	r1	rn	r2	(~)	R1 + R2		V	Μ(Ω)	M(Ω)	(√)	(Ω)	ms	ms	(√)	(✓)
Details of	Details of circuits and/or installed equipment vulnerable to damage when testing Date(s) dead testing 08/07/2022 To 08/07/2022 Date(s) live												(s) live	ve testing 08/07/2022 To 08/07/202						7/2022								
Signature / 1																												
Tested by: Name (capital letters)  TRE LEVER  Position Electrical Test Engineer  Date 08/07/2022																												
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																												
	e Core PVC Cables (4D1A), A/A2 - Multi 4E2A), G/G1 - Single-core armoured XL															ID5), O/O1	- LSF si	ngle core c	ables 90°C	rated (4E1	1A), O/O2 -	Multi-core	e LSF cat	oles				

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### **ELECTRICAL INSTALLATION CONDITION REPORT**

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



110149905

#### **Generic Continuation**

#### General Conditions of the Electrical Installation:

Wiring Systems.

The wiring systems utilized for final circuit wiring in the installation are (A) PVC T&E Cables and (G) XLPE Cables.

Installation methods used are (E) Ran On Cable Tray.

The final circuits are protected by 60898 MCB's with 61009 RCD Protection.

Main Gas bond is located in the Gas Riser GF and is bonded with a 50mm Earthing Cable With warning labels attached.

The Main Water bond is located in the Plant room and is bonded with a 50mm Earthing Cable with warning labels attached.

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

overvoltage 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

overvoltage's or switching.

#### Overall Assessment

In general, the installation is a Un Satisfactory overall condition with the C2 Observations requiring Urgent Attention.

It is recommended a maximum 5-year period for the next inspection and test to be carried out.

Abbreviations possibly contained in this Report: -

RHS - Right Hand Side

LHS - Left Hand Side

BOH - Back Of House.

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

GF - Ground Floor

1F - First Floor

2F – Second Floor

3F – Third Floor

4F - Fourth Floor

### Remarks:

#### DB/M Remarks:

10/L3 - Fire Alarm Panel: fp200 cable