

ELECTRICAL INSTALLATION CONDITION REPORT

Requirements For Electrical Installations - BS 7671 IET Wiring Regulations

Report Reference:

HX-5981

1 DETAILS OF THE PERSON ORDERING THE REPORT

Client: JEBB AVENUE MANAGEMENT COMPANY LIMITED

Address: Jebb Avenue, London, SW2 5XL

2 REASON FOR PRODUCING THIS REPORT

Reason for producing this report:

ASSESSMENT OF THE FIXED WIRING, ACCESSORIES AND SWITCHGEAR TO CHECK THE INSTALLATION WITH RESPECT TO CONTINUED USE AS REQUESTED BY CLIENT.

Date(s) on which inspection and testing was carried out: 08/11/2020

3 DETAILS OF THE INSTALLATION WHICH IS THE SUBJECT OF THIS REPORT

Installation Address: Jebb Avenue, London, SW2 5XL

Description of premises: Domestic ☐ N/A Commercial ☐ Industrial ☒ N/A other: ☐ N/A

Estimated age of wiring system: 70 years Evidence of additions/alterations: Yes if yes, estimated age: 5 years

Installation records available? (Regulation 651.1) No Date of last inspection: N/A

4 EXTENT AND LIMITATIONS OF INSPECTION AND TESTING

Extent of the electrical installation covered by this report:

FIXED WIRE TESTING OF ONLY THE COMMUNAL AREAS ONLY IN THE FOLLOWING BUILDINGS - BLOCK 52-55, BLOCK 56-59, BLOCK 48-51, BLOCK 36-47, BLOCK 60-63, BLOCK 64-67, BLOCK 76-81, BLOCK 82-87, BLOCK 88-93, BLOCK 94-99.
NO TESTING OF THE SUPPLIES TO INDIVIDUAL FLATS OR EMERGENCY LIGHTING SYSTEMS.
MINIMUM OF 10 PERCENT OF OUTLETS REMOVED FOR INTERNAL INSPECTION.
SAMPLING IN ACCORDANCE WITH BS7671 AND GUIDANCE NOTE 3.

Agreed limitations including the reasons (see Regulation 653.2):

NO IR TESTING BETWEEN LIVE AND NEUTRAL CONDUCTORS WHERE ELECTRONIC/ VULNERABLE EQUIPMENT IS CONNECTED TO CIRCUITS. EXPOSED CONDUCTIVE PARTS, TESTED VIA R2 METHOD.
IR TESTING BETWEEN PHASES TO EARTH, CARRIED OUT WHEN PERMISSIBLE TO ISOLATE THE CIRCUIT AND WHERE NO SPDs EXIST. NO TESTING TO HIGH LEVEL EQUIPMENT (as per gn3) OR TESTED AT LOW LEVEL SWITCH POSITION IF AVAILABLE.
TEST TO FINAL OUTLETS ONLY, NOT CONNECTED ACCESSORIES OR APPLIANCES. NO TESTING TO ALARMS/ TELECOMMUNICATIONS SYSTEMS OR ANY CIRCUITS THAT DO NOT FALL UNDER THE SCOPE OF BS7671.
UNABLE TO VERIFY SUPPLY OVER CURRENT DEVICE. ZE TAKEN AT DB WITH MAIN EARTH STILL CONNECTED.
CABLES INSTALLED WITHIN PRESCRIBED ZONES OR WITHIN MECHANICAL PROTECTION IF IN WALLS & LESS THAN 50MM CHECKED DURING 10% ACCESSORY SAMPLING.

Agreed with: Client

Operational limitations including the reasons:

DEAD TESTING ONLY AND CALCULATED ZS FOR LIGHTING CIRCUITS AS UNABLE TO OBTAIN EARTH LOOP READING DUE TO LIGHTING CONTROL.

The inspection and testing detailed in this report and accompanying schedules have been carried out in accordance with BS 7671:2018 (IET Wiring Regulations) as amended to 2018.

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

5 SUMMARY OF THE CONDITION OF THE INSTALLATION

See page 3 for a summary of the general condition of the installation in terms of electrical safety.

Overall assessment of the installation in terms of its suitability for continued use*:

UNSATISFACTORY

* An unsatisfactory assessment indicates that dangerous (Code C1) and/or potentially dangerous (Code C2) conditions have been identified.

6 RECOMMENDATIONS

Where the overall assessment of the suitability of the installation for continued use on page 1 is stated as 'UNSATISFACTORY', I/we recommend that any observations classified as 'Code 1 - Danger Present' or 'Code 2 - Potentially dangerous' are acted upon as a matter of urgency.

Investigation without delay is recommended for observations identified as 'FI - Further Investigation Required'.

Observations classified as 'Code 3 - Improvement recommended' should be given due consideration.

Subject to the necessary remedial action being taken, I/we recommend that the installation is further inspected and tested by:

5 Years

Note: The proposed date for the next inspection should take into consideration the frequency and quality of maintenance that the installation can reasonably be expected to receive during its intended life. The period should be agreed between relevant parties.

7 OBSERVATIONS AND RECOMMENDATIONS FOR ACTIONS TO BE TAKEN

Referring to the attached schedules of inspection and test results, and subject to the limitations specified on page 1 of this report under 'Extent of the Installation and Limitations of Inspection and Testing':

☐ N/A There are no items adversely affecting electrical safety

or

☒ The following observations and recommendations are made

Item No	Observations	Classification Code
1	Inspection Schedule Item 3.1.6: Adequacy and location of main protective bonding conductor connections (543.3.2; 544.1.2) is recommended for improvement.	C3
2	Inspection Schedule Item 7.17: Condition of accessories including socket-outlets, switches and joint boxes (651.2) is in a potentially dangerous condition. Urgent remedial action is required.	C2
3	Inspection Schedule Item 7.4: Non-sheathed cables protected by enclosure in conduit, ducting or trunking (521.10.1) is in a potentially dangerous condition. Urgent remedial action is required.	C2
4	Inspection Schedule Item 7.5: Suitability of containment systems for continued use (including flexible conduit) (Section 522) is in a potentially dangerous condition. Urgent remedial action is required.	C2
5	Inspection Schedule Item 6.12: Coordination between conductors and overload protective devices (433.1; 533.2.1) is in a potentially dangerous condition. Urgent remedial action is required.	C2
6	Inspection Schedule Item 5.1: Adequacy of working space/accessibility to equipment (132.12; 513.1) is in a potentially dangerous condition. Urgent remedial action is required.	C2
7	Inspection Schedule Item 7.10: Wiring system(s) appropriate for the type and nature of the installation and external influences (Section 522) is recommended for improvement.	C3

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

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

☐ **C2** Potentially dangerous
Urgent remedial action required

☐ **C3** Improvement recommended

☐ **FI** Further investigation required without delay

Immediate remedial action required for items:

N/A

Urgent remedial action required for items:

2, 3, 4, 5, 6

Improvement recommended for items:

1, 7

Further investigation required for items:

N/A

8 GENERAL CONDITION OF THE INSTALLATION

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

The installation is unsatisfactory. All C2s need rectifying to be compliant.

Parts of the wiring are in very old VRI cables contained within metallic conduit. We recommend that all VRI cabling is removed and replaced. The VRI cabling seems limited to the lighting circuits in Blocks 52-55, 56-59, 48-51, 36-47, 60-63, 64-67 but a survey should be conducted prior to any scheme of upgrade to ensure all VRI cabling is replaced with modern new wiring. The VRI cabling should not be worked on (unless for urgent repairs) so as to avoid deterioration. We also recommend the lighting control systems and light fittings are upgraded at the same time as the rewiring as they are showing signs of age and wear and tear.

9 DECLARATION

I/We, being the person(s) responsible for the inspection and testing of the electrical installation (as indicated by my/our signatures below), particulars of which are described above, having exercised reasonable skill and care when carrying out the inspection and testing, hereby declare that the information in this report, including the observations and the attached schedules, provides an accurate assessment of the condition of the electrical installation taking into account the stated extent and limitations in section 4 of this report.

Trading Title:	Hexo Limited		
Address:	Kemp House 160 City Road London	Registration Number (if applicable):	NAPI34239
		Telephone Number:	0207 315 4151
	Postcode:	EC1V 2NX	

For the INSPECTION, TESTING AND ASSESSMENT of the report:

Name: A. Thorburn Position: Electrical Inspector Signature:  Date: 10/11/2020

10 SUPPLY CHARACTERISTICS AND EARTHING ARRANGEMENTS

Earthing Arrangements		Number and Type of Live Conductors						Nature of Supply Parameters				Supply Protective Device			
TN-S	✓	1-phase (2 wire):	ac: ✓ N/A	1-phase (3 wire):	dc: N/A N/A	2 pole:	N/A	Nominal voltage(s):	U: 400 V	Uo: 230 V	BS(EN):	LIM			
TN-C-S	N/A	2-phase (3 wire):	N/A			3 pole:	N/A	Nominal frequency, f:	50 Hz		Type:	LIM			
TNC	N/A	3-phase (3 wire):	N/A	3-phase (4 wire):	✓	other:	N/A	Prospective fault current, Ipf:	0.92 kA		Rated current:	LIM	A		
TT	N/A	other:	N/A					External earth fault loop impedance, Ze:	0.24 Ω		Short-circuit capacity:	LIM	kA		
IT	N/A	Confirmation of supply polarity:						✓	Number of supplies:		10				

11 PARTICULARS OF INSTALLATION REFERRED TO IN THE CERTIFICATE

Means of Earthing	Details of Installation Earth Electrode (where applicable)		
Distributor's facility:	✓	Type:	N/A
Installation earth electrode:	N/A	Resistance to Earth:	N/A Ω
		Location:	N/A
		Method of measurement:	N/A
Maximum Demand (Load):	LIM Amps	Protective measure(s) against electric shock:	ADS
Main Switch / Switch-Fuse / Circuit-Breaker / RCD Type	60947-3 Isolator		
BS(EN):	3	Current rating:	125 A
Number of poles:		Fuse/device rating or setting:	125 A
		Voltage rating:	400 V
Supply conductors material:	Copper	Supply conductors csa:	25 mm ²
If RCD main switch:	Rated residual operating current (IΔn): N/A mA		
	Rated time delay: N/A ms		
	Measured operating time (at IΔn): N/A ms		
Earthing and Protective Bonding Conductors	Bonding of extraneous-conductive parts		
Earthing conductor	To water installation pipes: N/A		
Conductor material:	Copper	Connection/continuity verified:	✓
Conductor csa:	16 mm ²		
Main protective bonding conductors	To oil installation pipes: N/A		
Conductor material:	Copper	Connection/continuity verified:	✓
Conductor csa:	10 mm ²		
	To structural steel: N/A		
	To gas installation pipes: N/A		
	To lightning protection: N/A		
	To other service(s): N/A		

12 INSPECTION SCHEDULE

Item	Description	Comment	Outcome
1.0	EXTERNAL CONDITION OF INTAKE EQUIPMENT (VISUAL INSPECTION ONLY)		
1.1	Service cable	N/A	✓
1.2	Service head	N/A	✓
1.3	Earthing arrangements	N/A	✓
1.4	Meter tails	N/A	✓
1.5	Metering equipment	N/A	✓
1.6	Isolator (where present)	N/A	N/A
2.0	PRESENCE OF ADEQUATE ARRANGEMENTS FOR PARALLEL OR SWITCHED ALTERNATIVE SOURCES		
2.1	Adequate arrangements where a generating set operates as a switched alternative to the public supply (551.6)	N/A	N/A
2.2	Adequate arrangements where a generating set operates in parallel with the public supply (551.7)	N/A	N/A
3.0	AUTOMATIC DISCONNECTION OF SUPPLY		
3.1	Main earthing/bonding arrangements (411.3; Chap 54):		
3.1.1	Presence of distributor's earthing arrangement (542.1.2.1; 542.1.2.2), or presence of installation earth electrode arrangement (542.1.2.3)	N/A	✓
3.1.2	Adequacy of earthing conductor size (542.3; 543.1.1)	N/A	✓
3.1.3	Adequacy of earthing conductor connections (542.3.2)	N/A	✓
3.1.4	Accessibility of earthing conductor connections (543.3.2)	N/A	✓
3.1.5	Adequacy of main protective bonding conductor sizes (544.1)	N/A	✓
3.1.6	Adequacy and location of main protective bonding conductor connections (543.3.2; 544.1.2)	N/A	C3
3.1.7	Accessibility of all protective bonding connections (543.3.2)	N/A	✓
3.1.8	Provision of earthing/bonding labels at all appropriate locations (514.13)	N/A	✓
3.2	FELV - requirements satisfied (411.7; 411.7.1)	N/A	N/A
4.0	OTHER METHODS OF PROTECTION (where any of the methods listed below are employed details should be provided on separate sheets)		
4.1	Non-conducting location (418.1)	N/A	N/A
4.2	Earth-free local equipotential bonding (418.2)	N/A	N/A
4.3	Electrical separation (Section 413; 418.3)	N/A	N/A
4.4	Double insulation (Section 412)	N/A	N/A
4.5	Reinforced insulation (Section 412)	N/A	N/A
5.0	DISTRIBUTION EQUIPMENT		
5.1	Adequacy of working space/accessibility to equipment (132.12; 513.1)	N/A	C2
5.2	Security of fixing (134.1.1)	N/A	✓
5.3	Condition of insulation of live parts (416.1)	N/A	✓
5.4	Adequacy/security of barriers (416.2)	N/A	✓
5.5	Condition of enclosure(s) in terms of IP rating etc (416.2)	N/A	✓
5.6	Condition of enclosure(s) in terms of fire rating etc (421.1.6; 421.1.201; 526.5)	N/A	✓
5.7	Enclosure not damaged/deteriorated so as to impair safety (651.2)	N/A	✓
5.8	Presence and effectiveness of obstacles (417.2)	N/A	N/A
5.9	Presence of main switch(es), linked where required (462.1; 462.1.201; 462.2)	N/A	✓
OUTCOMES			
Acceptable condition	TICK	Unacceptable condition	C1 or C2
Improvement recommended	C3	Further investigation	FI
Not verified	N/V	Limitation	LIM
Not applicable	N/A		

13 INSPECTION SCHEDULE (CONTINUED)

Item	Description	Comment	Outcome
5.10	Operation of main switch(es) (functional check) (643.10)	N/A	✓
5.11	Manual operation of circuit-breakers and RCDs to prove disconnection (643.10)	N/A	✓
5.12	Confirmation that integral test button/switch causes RCD(s) to trip when operated (functional check) (643.10)	N/A	✓
5.13	RCD(s) provided for fault protection – includes RCB0s (411.4.204; 411.5.2; 531.2)	N/A	N/A
5.14	RCD(s) provided for additional protection/requirements, where required – includes RCB0s (411.3.3; 415.1)	N/A	✓
5.15	Presence of RCD six-monthly test notice at or near equipment, where required (514.12.2)	N/A	✓
5.16	Presence of diagrams, charts or schedules at or near equipment, where required (514.9.1)	N/A	✓
5.17	Presence of non-standard (mixed) cable colour warning notice at or near equipment, where required (514.14)	N/A	✓
5.18	Presence of alternative supply warning notice at or near equipment, where required (514.15)	N/A	N/A
5.19	Presence of next inspection recommendation label (514.12.1)	N/A	✓
5.20	Presence of other required labelling (please specify) (Section 514)	N/A	✓
5.21	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)	N/A	✓
5.22	Single-pole switching or protective devices in line conductors only (132.14.1; 530.3.3)	N/A	✓
5.23	Protection against mechanical damage where cables enter equipment (522.8.1; 522.8.5; 522.8.11)	N/A	✓
5.24	Protection against electromagnetic effects where cables enter ferromagnetic enclosures (521.5.1)	N/A	✓
6.0	DISTRIBUTION CIRCUITS		
6.1	Identification of conductors (514.3.1)	N/A	✓
6.2	Cables correctly supported throughout their run (521.10.202; 522.8.5)	N/A	✓
6.3	Condition of insulation of live parts (416.1)	N/A	✓
6.4	Non-sheathed cables protected by enclosure in conduit, ducting or trunking (521.10.1)	N/A	✓
6.5	Suitability of containment systems for continued use (including flexible conduit) (Section 522)	N/A	✓
6.6	Cables correctly terminated in enclosures (Section 526)	N/A	✓
6.7	Confirmation that ALL conductor connections, including connections to busbars, are correctly located in terminals and are tight and secure	N/A	✓
6.8	Examination of cables for signs of unacceptable thermal or mechanical damage/deterioration (421.1; 522.6)	N/A	✓
6.9	Adequacy of cables for current-carrying capacity with regard for the type and nature of installation (Section 523)	N/A	✓
6.10	Adequacy of protective devices: type and rated current for fault protection (411.3)	N/A	✓
6.11	Presence and adequacy of circuit protective conductors (411.3.1.1; 543.1)	N/A	✓
6.12	Coordination between conductors and overload protective devices (433.1; 533.2.1)	N/A	C2

OUTCOMES													
Acceptable condition	TICK	Unacceptable condition	C1 or C2	Improvement recommended	C3	Further investigation	FI	Not verified	N/V	Limitation	LIM	Not applicable	N/A

14 INSPECTION SCHEDULE (CONTINUED)

Item	Description	Comment	Outcome
6.13	Cable installation methods/practices with regard to the type and nature of installation and external influences (Section 522)	N/A	✓
6.14	Where exposed to direct sunlight, cable of a suitable type (522.11.1)	N/A	✓
6.15	Cables concealed under floors, above ceilings, in walls/partitions less than 50 mm from a surface, and in partitions containing metal parts:		
6.15.1	Installed in prescribed zones (see Section 4. Extent and limitations) (522.6.202) or	N/A	N/A
6.15.2	Incorporating earthed armour or sheath, or run within earthed wiring system, or otherwise protected against mechanical damage by nails, screws and the like (see Section 4. Extent and limitations) (522.6.204)	10% minimum internal inspection of outlets	✓
6.16	Provision of fire barriers, sealing arrangements and protection against thermal effects (Section 527)	N/A	✓
6.17	Band II cables segregated/separated from Band I cables (528.1)	N/A	✓
6.18	Cables segregated/separated from non-electrical services (528.3)	N/A	✓
6.19	Condition of circuit accessories (651.2)	N/A	✓
6.20	Suitability of circuit accessories for external influences (512.2)	N/A	✓
6.21	Single-pole switching or protective devices in line conductors only (132.14.1; 530.3.3)	N/A	✓
6.22	Adequacy of connections, including cpcs, within accessories and to fixed and stationary equipment – identify/record numbers and locations of items inspected (Section 526)	10% minimum internal inspection of outlets	✓
6.23	Presence, operation and correct location of appropriate devices for isolation and switching (Chapter 46; Section 537)	N/A	✓
6.24	General condition of wiring systems (651.2)	N/A	✓
6.25	Temperature rating of cable insulation (522.1.1; Table 52.1)	N/A	✓
7.0	FINAL CIRCUITS		
7.1	Identification of conductors (514.3.1)	N/A	✓
7.2	Cables correctly supported throughout their run (521.10.202; 522.8.5)	N/A	✓
7.3	Condition of insulation of live parts (416.1)	N/A	✓
7.4	Non-sheathed cables protected by enclosure in conduit, ducting or trunking (521.10.1)	N/A	C2
7.5	Suitability of containment systems for continued use (including flexible conduit) (Section 522)	N/A	C2
7.6	Adequacy of cables for current-carrying capacity with regard for the type and nature of installation (Section 523)	N/A	✓
7.7	Adequacy of protective devices: type and rated current for fault protection (411.3)	N/A	✓
7.8	Presence and adequacy of circuit protective conductors (411.3.1.1; 543.1)	N/A	✓
7.9	Co-ordination between conductors and overload protective devices (433.1; 533.2.1)	N/A	✓
7.10	Wiring system(s) appropriate for the type and nature of the installation and external influences (Section 522)	N/A	C3
7.11	Cables concealed under floors, above ceilings, in walls/partitions, adequately protected against damage (522.6.201; 522.6.202; 522.6.203; 522.6.204):		
7.11.1	Installed in prescribed zones (see Section 4. Extent and limitations) (522.6.202)	N/A	N/A
7.11.2	Incorporating earthed armour or sheath, or run within earthed wiring system, or otherwise protected against mechanical damage by nails, screws and the like (see Section 4. Extent and limitations) (522.6.201; 522.6.204)	10% minimum internal inspection of outlets	✓
OUTCOMES			
Acceptable condition	TICK	Unacceptable condition	C1 or C2
		Improvement recommended	C3
		Further investigation	FI
		Not verified	N/V
		Limitation	LIM
		Not applicable	N/A

15 INSPECTION SCHEDULE (CONTINUED)

Item	Description	Comment	Outcome
7.12	Provision of additional protection by 30 mA RCD:		
7.12.1	For all socket-outlets of rating 32A or less unless exempt (411.3.3) *	N/A	✓
7.12.2	For the supply of mobile equipment not exceeding 32A rating for use outdoors (411.3.3) *	N/A	✓
7.12.3	For cables concealed in walls at a depth of less than 50 mm (522.6.202, 522.6.203) *	10% minimum internal inspection of outlets	N/A
7.12.4	For cables concealed in walls/partitions containing metal parts regardless of depth (522.6.203) *	10% minimum internal inspection of outlets	N/A
7.12.5	For final circuits supplying luminaires within domestic (household) premises (411.3.4) *	N/A	N/A
* Note: Older installations designed prior to BS 7671:2018 may not have been provided with RCDs for additional protection.			
7.13	Provision of fire barriers, sealing arrangements and protection against thermal effects (Section 527)	N/A	✓
7.14	Band II cables segregated/separated from Band I cables (528.1)	N/A	✓
7.15	Cables segregated/separated from non-electrical services (528.3)	N/A	✓
7.16	Termination of cables at enclosures – identify/record numbers and locations of items inspected (Section 526):		
7.16.1	Connections under no undue strain (526.6)	N/A	✓
7.16.2	No basic insulation of a conductor visible outside enclosure (526.8)	N/A	✓
7.16.3	Connections of live conductors adequately enclosed (526.5)	N/A	✓
7.16.4	Adequately connected at point of entry to enclosure (glands, bushes etc.) (522.8.5)	N/A	✓
7.17	Condition of accessories including socket-outlets, switches and joint boxes (651.2)	N/A	C2
7.18	Suitability of accessories for external influences (512.2)	N/A	✓
7.19	Single-pole switching or protective devices in line conductors only (132.14.1, 530.3.3)	N/A	✓
8.0	ISOLATION AND SWITCHING		
8.1	Isolators (Sections 460; 537):		
8.1.1	Presence and condition of appropriate devices (Section 462; 537.2.7)	N/A	✓
8.1.2	Acceptable location – state if local or remote from equipment in question (Section 462; 537.2.7)	N/A	✓
8.1.3	Capable of being secured in the OFF position (462.3)	N/A	✓
8.1.4	Correct operation verified (643.10)	N/A	N/A
8.1.5	Clearly identified by position and/or durable marking (537.2.6)	N/A	N/A
8.1.6	Warning label posted in situations where live parts cannot be isolated by the operation of a single device (514.11.1; 537.1.2)	N/A	N/A
8.2	Switching off for mechanical maintenance (Section 464; 537.3.2):		
8.2.1	Presence and condition of appropriate devices (464.1; 537.3.2)	N/A	✓
8.2.2	Acceptable location – state if local or remote from equipment in question (537.3.2.4)	N/A	✓
8.2.3	Capable of being secured in the OFF position (462.3)	N/A	N/A
8.2.4	Correct operation verified (643.10)	N/A	N/A
8.2.5	Clearly identified by position and/or durable marking (537.3.2.4)	N/A	N/A

OUTCOMES													
Acceptable condition	TICK	Unacceptable condition	C1 or C2	Improvement recommended	C3	Further investigation	FI	Not verified	N/V	Limitation	LIM	Not applicable	N/A

16 INSPECTION SCHEDULE (CONTINUED)

Item	Description	Comment	Outcome
8.3	Emergency switching/stopping (Section 465; 537.3.3):		
8.3.1	Presence and condition of appropriate devices (Section 465; 537.3.3; 537.4)	N/A	N/A
8.3.2	Readily accessible for operation where danger might occur (537.3.3.6)	N/A	N/A
8.3.3	Correct operation verified (643.10)	N/A	N/A
8.3.4	Clearly identified by position and/or durable marking (537.3.3.6)	N/A	N/A
8.4	Functional switching (Section 463; 537.3.1):		
8.4.1	Presence and condition of appropriate devices (537.3.1.1; 537.3.1.2)	N/A	✓
8.4.2	Correct operation verified (537.3.1.1; 537.3.1.2)	N/A	✓
9.0	CURRENT-USING EQUIPMENT (PERMANENTLY CONNECTED)		
9.1	Condition of equipment in terms of IP rating etc (416.2)	N/A	✓
9.2	Equipment does not constitute a fire hazard (Section 421)	N/A	✓
9.3	Enclosure not damaged/deteriorated so as to impair safety (134.1.1; 416.2; 512.2)	N/A	✓
9.4	Suitability for the environment and external influences (512.2)	N/A	✓
9.5	Security of fixing (134.1.1)	N/A	✓
9.6	Cable entry holes in ceiling above luminaires, sized or sealed so as to restrict the spread of fire: List number and location of luminaires inspected (separate page) (527.2)	N/A	N/A
9.7	Recessed luminaires (downlighters):		
9.7.1	Correct type of lamps fitted (559.3.1)	N/A	N/A
9.7.2	Installed to minimise build-up of heat by use of 'fire rated' fittings, insulation displacement box or similar (421.1.2)	N/A	N/A
9.7.3	No signs of overheating to surrounding building fabric (559.4.1)	N/A	N/A
9.7.4	No signs of overheating to conductors/terminations (526.1)	N/A	N/A
10.0	LOCATION(S) CONTAINING A BATH OR SHOWER		
10.1	Additional protection for all low voltage (LV) circuits by RCD not exceeding 30mA (701.411.3.3)	N/A	N/A
10.2	Where used as a protective measure, requirements for SELV or PELV met (701.414.4.5)	N/A	N/A
10.3	Shaver sockets comply with BS EN 61558-2-5 formerly BS 3535 (701.512.3)	N/A	N/A
10.4	Presence of supplementary bonding conductors, unless not required by BS 7671:2018 (701.415.2)	N/A	N/A
10.5	Low voltage (e.g. 230 volt) socket-outlets sited at least 3m from zone 1 (701.512.3)	N/A	N/A
10.6	Suitability of equipment for external influences for installed location in terms of IP rating (701.512.2)	N/A	N/A
10.7	Suitability of accessories and controlgear etc. for a particular zone (701.512.3)	N/A	N/A
10.8	Suitability of current-using equipment for particular position within the location (701.55)	N/A	N/A
11.0	OTHER PART 7 SPECIAL INSTALLATIONS OR LOCATIONS List all other special installation or locations present, if any. (Record separately the results of particular inspections)		
11.1	N/A	N/A	N/A
11.2	N/A	N/A	N/A
11.3	N/A	N/A	N/A
OUTCOMES			
Acceptable condition	TICK	Unacceptable condition	C1 or C2
		Improvement recommended	C3
		Further investigation	FI
		Not verified	N/V
		Limitation	LIM
		Not applicable	N/A

17 SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Distribution board designation:

D.B. Block 52-55

Location:

Cupboard Block 52-55

Circuit number and phase	Circuit designation	Type of wiring	Reference Method	Number of points served	Circuit conductors: CSA			Overcurrent protective devices					RCD	Maximum Z _s permitted by BS7671	Circuit impedances (Ohms)					Insulation resistance			Polarity	Maximum measured earth fault loop impedance Z _s	RCD		AFDD
					Live mm ²	cpc mm ²	Max disconnect time permitted by BS7671 s	BS(EN)	Type No	Rating A	Capacity kA	Operating current, I _{Δn} mA			Ring final circuits only (measured end to end)			All circuits (one column to be completed)		Live - Live MΩ	Live - Earth MΩ	Test voltage V			Disconnection time ms	Test button operation ✓	
															r ₁ (Line)	r _n (Neutral)	r ₂ (cpc)	R ₁ +R ₂	R ₂								
1	RCD Socket adjacent	A	B	1	2.5	1.5	0.4	60898	B	16	10	30	2.73	N/A	N/A	N/A	0.02	N/A	N/A	200	500	✓	0.26	24.2	✓	N/A	
2	Lighting	0	B	9	1.5	MW	0.4	60898	B	6	10	N/A	7.28	N/A	N/A	N/A	0.81	N/A	N/A	1.1	250	✓	1.06	N/A	N/A	N/A	
3	Door entry	A	B	1	1.5	1	0.4	60898	B	6	10	N/A	7.28	N/A	N/A	N/A	0.02	N/A	N/A	200	500	✓	0.26	N/A	N/A	N/A	
4		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	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		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	

CODES FOR TYPE OF WIRING	A	B	C	D	E	F	G	H	0 - Other	
	Thermoplastic insulated/sheathed cables	Thermoplastic cables in metallic conduit	Thermoplastic cables in non metallic conduit	Thermoplastic cables in metallic trunking	Thermoplastic cables in non metallic trunking	Thermoplastic /SWA cables	Thermosetting /SWA cables	Mineral insulated cables	VRI	

18 BOARD CHARACTERISTICS

APPLIES WHEN THE BOARD IS NOT CONNECTED TO THE ORIGIN OF THE INSTALLATION

Supply to this distribution board is from:		N/A	No of phases:		N/A	Confirmation of supply polarity:				N/A
Overcurrent protective device for the distribution circuit:	BS(EN):	N/A	Rating:	N/A A	Nominal Voltage:	N/A V	Zs:	N/A Ω	lpf:	N/A kA
	BS(EN):	N/A		N/A		N/A mA	Disconnection time at In:	N/A ms	Disconnection time at 5In:	N/A ms

19 DETAILS OF TEST INSTRUMENTS

Details of Test Instruments used (state serial and/or asset numbers):

Multi-functional:	Megger1711 -SN 1008121101838216	Insulation resistance:	N/A	Continuity:	N/A
Earth electrode resistance:	N/A	Earth fault loop impedance:	N/A	RCD:	N/A

20 TESTED BY

Name:	A. Thorburn	Position:	Electrical Inspector	Signature:		Date:	08/11/2020
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SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Distribution board designation:

D.B. Block 56-59

Location:

Cupboard Block 56-59

Circuit number and phase	Circuit designation	Type of wiring	Reference Method	Number of points served	Circuit conductors: csa		Max disconnect time permitted by BS7671 s	Overcurrent protective devices					RCD	Maximum Zs permitted by BS7671 Ω	Circuit impedances (Ohms)					Insulation resistance			Polarity	Maximum measured earth fault loop impedance Zs Ω ms	RCD		AFDD	
					Live mm ²	cpc mm ²		BS(EN)	Type No	Rating A	Capacity kA	Operating current, IΔn mA			Ring final circuits only (measured end to end)			All circuits (one column to be completed)		Live - Live MΩ	Live - Earth MΩ	Test voltage V			Disconnection time ms	Test button operation ✓		Test button operation ✓
															r1 (Line)	rn (Neutral)	r2 (cpc)	R1+R2	R2									
1	RCD Socket adjacent	A	B	1	2.5	1.5	0.4	60898	B	16	10	30	2.73	N/A	N/A	N/A	0.02	N/A	N/A	200	500	✓	0.26	25.1	✓	N/A		
2	Lighting	0	B	9	1.5	MW	0.4	60898	B	6	10	N/A	7.28	N/A	N/A	N/A	0.95	N/A	N/A	1.2	250	✓	1.20	N/A	N/A	N/A		
3	Door entry	A	B	1	1.5	1	0.4	60898	B	6	10	N/A	7.28	N/A	N/A	N/A	0.02	N/A	N/A	200	500	✓	0.26	N/A	N/A	N/A		
4		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	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		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A		

CODES FOR TYPE OF WIRING	A	B	C	D	E	F	G	H	0 - Other	
	Thermoplastic insulated/sheathed cables	Thermoplastic cables in metallic conduit	Thermoplastic cables in non metallic conduit	Thermoplastic cables in metallic trunking	Thermoplastic cables in non metallic trunking	Thermoplastic /SWA cables	Thermosetting /SWA cables	Mineral insulated cables	VRI	

BOARD CHARACTERISTICS

APPLIES WHEN THE BOARD IS NOT CONNECTED TO THE ORIGIN OF THE INSTALLATION

Supply to this distribution board is from :		N/A	No of phases:		N/A	Confirmation of supply polarity:				N/A	
Overcurrent protective device for the distribution circuit:	BS(EN):	N/A	Rating:	N/A A	Nominal Voltage:	N/A V	Zs:	N/A Ω	lpf:	N/A kA	
	RCD	BS(EN):	N/A	No of poles:		N/A	Rating:	N/A mA	Disconnection time at In:	N/A ms	Disconnection time at 5In:

DETAILS OF TEST INSTRUMENTS

Details of Test Instruments used (state serial and/or asset numbers):

Multi-functional:		Megger1711 -SN 1008121101838216	Insulation resistance:		N/A	Continuity:		N/A
Earth electrode resistance:		N/A	Earth fault loop impedance:		N/A	RCD:		N/A

TESTED BY

Name:	A. Thorburn	Position:	Electrical Inspector	Signature:		Date:	08/11/2020
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SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Distribution board designation: **D.B. Block 48-51**

Location: **Cupboard Block 48-51**

Circuit number and phase	Circuit designation	Type of wiring	Reference Method	Number of points served	Circuit conductors: csa			Overcurrent protective devices					RCD	Maximum Z _s permitted by BS7671	Circuit impedances (Ohms)					Insulation resistance			Polarity	Maximum measured earth fault loop impedance Z _s	RCD		AFDD								
					Live	cpc	Max disconnect time permitted by BS7671	BS(EN)	Type No	Rating	Capacity	Operating current, I _{Δn}			Ring final circuits only (measured end to end)			All circuits (one column to be completed)		Live - Live	Live - Earth	Test voltage			Disconnection time	Test button operation									
															m m ²	m m ²	s	m m ²	A									kA	mA	Ω	r ₁	r _n	r ₂	R ₁ +R ₂	R ₂
1	RCD Socket adjacent	A	B	1	2.5	1.5	0.4	60898	B	16	10	30	2.73	N/A	N/A	N/A	0.02	N/A	N/A	200	500	✓	0.26	26.2	✓	N/A									
2	Lighting	0	B	9	1.5	MW	0.4	60898	B	6	10	N/A	7.28	N/A	N/A	N/A	0.70	N/A	N/A	1.5	250	✓	0.95	N/A	N/A	N/A									
3	Door entry	A	B	1	1.5	1	0.4	60898	B	6	10	N/A	7.28	N/A	N/A	N/A	0.02	N/A	N/A	200	500	✓	0.26	N/A	N/A	N/A									
4		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	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		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A									

CODES FOR TYPE OF WIRING	A	B	C	D	E	F	G	H	0 - Other	
	Thermoplastic insulated/sheathed cables	Thermoplastic cables in metallic conduit	Thermoplastic cables in non metallic conduit	Thermoplastic cables in metallic trunking	Thermoplastic cables in non metallic trunking	Thermoplastic /SWA cables	Thermosetting /SWA cables	Mineral insulated cables	VRI	

BOARD CHARACTERISTICS

APPLIES WHEN THE BOARD IS NOT CONNECTED TO THE ORIGIN OF THE INSTALLATION

Supply to this distribution board is from :		N/A	No of phases:		N/A	Confirmation of supply polarity:				N/A
Overcurrent protective device for the distribution circuit:	BS(EN):	N/A	Rating:	N/A A	Nominal Voltage:	N/A V	Zs:	N/A Ω	lpf:	N/A kA
	RCD	BS(EN):	N/A	No of poles:		N/A	Rating:	N/A mA	Disconnection time at In:	N/A ms

DETAILS OF TEST INSTRUMENTS

Details of Test Instruments used (state serial and/or asset numbers):

Multi-functional:		Megger1711 -SN 1008121101838216	Insulation resistance:		N/A	Continuity:		N/A
Earth electrode resistance:		N/A	Earth fault loop impedance:		N/A	RCD:		N/A

TESTED BY

Name: **A. Thorburn** Position: **Electrical Inspector** Signature:  Date: **08/11/2020**

SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Distribution board designation: **D.B. Block 36-47**

Location: **Cupboard Block 36-47**

Circuit number and phase	Circuit designation	Type of wiring	Reference Method	Number of points served	Circuit conductors: CSA			Max disconnect time permitted by BS7671	Overcurrent protective devices				RCD	Maximum Z _s permitted by BS7671	Circuit impedances (Ohms)					Insulation resistance			Polarity	Maximum measured earth fault loop impedance Z _s	RCD		AFDD													
					Live	cpc	BS(EN)		Type No	Rating	Capacity	Operating current, I _{Δn}			Ring final circuits only (measured end to end)			All circuits (one column to be completed)		Live - Live	Live - Earth	Test voltage			Disconnection time	Test button operation														
															m m ²	m m ²	s	m A	Ω									r ₁	r _n	r ₂	R ₁ +R ₂	R ₂	MΩ	MΩ	V	✓	Ω	ms	✓	✓
1	RCD Socket adjacent	A	B	1	2.5	1.5	0.4	60898	B	16	10	30	2.73	N/A	N/A	N/A	0.02	N/A	N/A	200	500	✓	0.26	24.2	✓	N/A														
2	Lighting Outside	F	C	2	1.5	1.5	0.4	60898	B	6	10	N/A	7.28	N/A	N/A	N/A	0.45	N/A	N/A	2	250	✓	0.70	N/A	N/A	N/A														
3	Door entry	A	B	1	1.5	1	0.4	60898	B	6	10	N/A	7.28	N/A	N/A	N/A	0.02	N/A	N/A	200	500	✓	0.26	N/A	N/A	N/A														
4	Lighting	O	B	12	1.5	MW	0.4	60898	B	6	10	N/A	7.28	N/A	N/A	N/A	0.99	N/A	N/A	1.1	250	✓	1.24	N/A	N/A	N/A														
5	Lighting Emergency	H	C	20	1.5	MW	0.4	60898	B	6	10	N/A	7.28	N/A	N/A	N/A	1.12	N/A	N/A	1.1	250	✓	1.37	N/A	N/A	N/A														

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

BOARD CHARACTERISTICS

APPLIES WHEN THE BOARD IS NOT CONNECTED TO THE ORIGIN OF THE INSTALLATION

Supply to this distribution board is from :		N/A	No of phases:		N/A	Confirmation of supply polarity:				N/A	
Overcurrent protective device for the distribution circuit:	BS(EN):	N/A	Rating:	N/A A	Nominal Voltage:	N/A V	Zs:	N/A Ω	lpf:	N/A kA	
	RCD	BS(EN):	N/A	No of poles:		N/A	Rating:	N/A mA	Disconnection time at In:	N/A ms	Disconnection time at 5In:

DETAILS OF TEST INSTRUMENTS

Details of Test Instruments used (state serial and/or asset numbers):

Multi-functional:		Megger1711 -SN 1008121101838216	Insulation resistance:		N/A	Continuity:		N/A
Earth electrode resistance:		N/A	Earth fault loop impedance:		N/A	RCD:		N/A

TESTED BY

Name: **A. Thorburn** Position: **Electrical Inspector** Signature:  Date: **08/11/2020**

SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Distribution board designation:

D.B. Block 60-63

Location:

Cupboard Block 60-63

Circuit number and phase	Circuit designation	Type of wiring	Reference Method	Number of points served	Circuit conductors: csa			Max disconnect time permitted by BS7671 s	Overcurrent protective devices					RCD	Maximum Zs permitted by BS7671 Ω	Circuit impedances (Ohms)					Insulation resistance			Polarity	Maximum measured earth fault loop impedance Zs Ω ms	RCD		AFDD
					Live mm ²	cpc mm ²	BS(EN)		Type No	Rating A	Capacity kA	Operating current, In mA	Ring final circuits only (measured end to end)			All circuits (one column to be completed)		Live - Live MΩ	Live - Earth MΩ	Test voltage V								
													r1 (Line)			rn (Neutral)	r2 (cpc)				R1+R2	R2						
1	RCD Socket adjacent	A	B	1	2.5	1.5	0.4	60898	B	16	10	30	2.73	N/A	N/A	N/A	0.02	N/A	N/A	200	500	✓	0.26	23.1	✓	N/A		
2	Lighting	A	B	9	1.5	MW	0.4	60898	B	6	10	N/A	7.28	N/A	N/A	N/A	0.90	N/A	N/A	1.1	250	✓	1.15	N/A	N/A	N/A		
3	Door entry	A	B	1	1.5	1	0.4	60898	B	6	10	N/A	7.28	N/A	N/A	N/A	0.02	N/A	N/A	200	500	✓	0.26	N/A	N/A	N/A		
4		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	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		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A		

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

BOARD CHARACTERISTICS

APPLIES WHEN THE BOARD IS NOT CONNECTED TO THE ORIGIN OF THE INSTALLATION

Supply to this distribution board is from :		N/A	No of phases:		N/A	Confirmation of supply polarity:				N/A
Overcurrent protective device for the distribution circuit:	BS(EN):	N/A	Rating:	N/A A	Nominal Voltage:	N/A V	Zs:	N/A Ω	lpf:	N/A kA
	RCD	BS(EN):	N/A	No of poles:	N/A	Rating:	N/A mA	Disconnection time at In:	N/A ms	Disconnection time at 5In:

DETAILS OF TEST INSTRUMENTS

Details of Test Instruments used (state serial and/or asset numbers):

Multi-functional:	Megger1711 -SN 1008121101838216	Insulation resistance:	N/A	Continuity:	N/A
Earth electrode resistance:	N/A	Earth fault loop impedance:	N/A	RCD:	N/A

TESTED BY

Name:	A. Thorburn	Position:	Electrical Inspector	Signature:		Date:	08/11/2020
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SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Distribution board designation: **D.B. Block 64-67**

Location: **Cupboard Block 64-67**

Circuit number and phase	Circuit designation	Type of wiring	Reference Method	Number of points served	Circuit conductors: csa		Max disconnect time permitted by BS7671	Overcurrent protective devices					RCD	Maximum Zs permitted by BS7671	Circuit impedances (Ohms)					Insulation resistance			Polarity	Maximum measured earth fault loop impedance Zs	RCD		AFDD													
					Live	cpc		BS(EN)	Type No	Rating	Capacity	Operating current, In			Ring final circuits only (measured end to end)			All circuits (one column to be completed)		Live - Live	Live - Earth	Test voltage			Disconnection time	Test button operation														
															mm ²	mm ²	s	mA	Ω									r ₁	r _n	r ₂	R ₁ +R ₂	R ₂	MΩ	MΩ	V	✓	Ω	ms	✓	✓
1	RCD Socket adjacent	A	B	1	2.5	1.5	0.4	60898	B	16	10	30	2.73	N/A	N/A	N/A	0.02	N/A	N/A	200	500	✓	0.27	21.3	✓	N/A														
2	Lighting	0	B	9	1.5	MW	0.4	60898	B	6	10	N/A	7.28	N/A	N/A	N/A	0.71	N/A	N/A	1.1	250	✓	0.96	N/A	N/A	N/A														
3	Door entry	A	B	1	1.5	1	0.4	60898	B	6	10	N/A	7.28	N/A	N/A	N/A	0.02	N/A	N/A	200	500	✓	0.26	N/A	N/A	N/A														
4		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	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		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A														

CODES FOR TYPE OF WIRING	A	B	C	D	E	F	G	H	0 - Other	
	Thermoplastic insulated/sheathed cables	Thermoplastic cables in metallic conduit	Thermoplastic cables in non metallic conduit	Thermoplastic cables in metallic trunking	Thermoplastic cables in non metallic trunking	Thermoplastic /SWA cables	Thermosetting /SWA cables	Mineral insulated cables	VRI	

BOARD CHARACTERISTICS

APPLIES WHEN THE BOARD IS NOT CONNECTED TO THE ORIGIN OF THE INSTALLATION

Supply to this distribution board is from :		N/A	No of phases:	N/A	Confirmation of supply polarity:				N/A	
Overcurrent protective device for the distribution circuit:	BS(EN):	N/A	Rating:	N/A A	Nominal Voltage:	N/A V	Zs:	N/A Ω	lpf:	N/A kA
	RCD	BS(EN):	N/A	No of poles:	N/A	Rating:	N/A mA	Disconnection time at In:	N/A ms	Disconnection time at 5In:

DETAILS OF TEST INSTRUMENTS

Details of Test Instruments used (state serial and/or asset numbers):

Multi-functional:	Megger1711 -SN 1008121101838216	Insulation resistance:	N/A	Continuity:	N/A
Earth electrode resistance:	N/A	Earth fault loop impedance:	N/A	RCD:	N/A

TESTED BY

Name: **A. Thorburn** Position: **Electrical Inspector** Signature:  Date: **08/11/2020**

SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Distribution board designation:

D.B. Block 76-81

Location:

Cupboard Block 76-81

Circuit number and phase	Circuit designation	Type of wiring	Reference Method	Number of points served	Circuit conductors: csa		Max disconnect time permitted by BS7671 s	Overcurrent protective devices				RCD	Maximum Zs permitted by BS7671 Ω	Circuit impedances (Ohms)					Insulation resistance			Polarity	Maximum measured earth fault loop impedance Zs Ω	RCD		AFDD	
					Live mm ²	cpc mm ²		BS(EN)	Type No	Rating A	Capacity kA			Operating current, In mA	Ring final circuits only (measured end to end)			All circuits (one column to be completed)		Live - Live MΩ	Live - Earth MΩ			Test voltage V	Disconnection time ms		Test button operation
															r ₁ (Line)	r _n (Neutral)	r ₂ (cpc)	R ₁ +R ₂	R ₂								
1	RCD Socket adjacent	A	B	1	2.5	1.5	0.4	60898	B	16	10	30	2.73	N/A	N/A	N/A	0.02	N/A	N/A	200	500	✓	0.27	24.2	✓	N/A	
2	Door entry	A	B	1	1.5	1	0.4	60898	B	6	10	N/A	7.28	N/A	N/A	N/A	0.02	N/A	N/A	200	500	✓	0.26	N/A	N/A	N/A	
3	Lighting	A	B	9	1.5	MW	0.4	60898	B	6	10	N/A	7.28	N/A	N/A	N/A	0.55	N/A	N/A	5	250	✓	0.80	N/A	N/A	N/A	
4	Lighting	A	B	2	1.5	MW	0.4	60898	B	6	10	N/A	7.28	N/A	N/A	N/A	0.18	N/A	N/A	5	250	✓	0.43	N/A	N/A	N/A	
5		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	

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

BOARD CHARACTERISTICS

APPLIES WHEN THE BOARD IS NOT CONNECTED TO THE ORIGIN OF THE INSTALLATION

Supply to this distribution board is from :		N/A	No of phases:	N/A	Confirmation of supply polarity:				N/A	
Overcurrent protective device for the distribution circuit:	BS(EN):	N/A	Rating:	N/A A	Nominal Voltage:	N/A V	Zs:	N/A Ω	lpf:	N/A kA
RCD	BS(EN):	N/A	No of poles:	N/A	Rating:	N/A mA	Disconnection time at In:	N/A ms	Disconnection time at 5In:	N/A ms

DETAILS OF TEST INSTRUMENTS

Details of Test Instruments used (state serial and/or asset numbers):

Multi-functional:		Megger1711 -SN 1008121101838216	Insulation resistance:		N/A	Continuity:		N/A
Earth electrode resistance:		N/A	Earth fault loop impedance:		N/A	RCD:		N/A

TESTED BY

Name:	A. Thorburn	Position:	Electrical Inspector	Signature:		Date:	08/11/2020
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SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Distribution board designation: **D.B. Block 82-87**

Location: **Cupboard Block 82-87**

Circuit number and phase	Circuit designation	Type of wiring	Reference Method	Number of points served	Circuit conductors: csa		Max disconnect time permitted by BS7671 s	Overcurrent protective devices				RCD	Maximum Zs permitted by BS7671 Ω	Circuit impedances (Ohms)					Insulation resistance			Polarity	Maximum measured earth fault loop impedance Zs Ω	RCD		AFDD		
					Live mm ²	cpc mm ²		BS(EN)	Type No	Rating A	Capacity kA			Operating current, IΔn mA	Ring final circuits only (measured end to end)			All circuits (one column to be completed)		Live - Live MΩ	Live - Earth MΩ			Test voltage V	Disconnection time ms		Test button operation ✓	Test button operation ✓
															r1 (Line)	rn (Neutral)	r2 (cpc)	R1+R2	R2									
1	RCD Socket adjacent	A	B	1	2.5	1.5	0.4	60898	B	16	10	30	2.73	N/A	N/A	N/A	0.02	N/A	N/A	200	500	✓	0.27	24.2	✓	N/A		
2	Lighting	A	B	9	1.5	MW	0.4	60898	B	6	10	N/A	7.28	N/A	N/A	N/A	0.60	N/A	N/A	4	250	✓	0.85	N/A	N/A	N/A		
3	Lighting	A	B	2	1.5	MW	0.4	60898	B	6	10	N/A	7.28	N/A	N/A	N/A	0.12	N/A	N/A	4	250	✓	0.37	N/A	N/A	N/A		
4	Door entry	A	B	1	1.5	1	0.4	60898	B	6	10	N/A	7.28	N/A	N/A	N/A	0.02	N/A	N/A	200	500	✓	0.26	N/A	N/A	N/A		
5		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A		

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

BOARD CHARACTERISTICS

APPLIES WHEN THE BOARD IS NOT CONNECTED TO THE ORIGIN OF THE INSTALLATION

Supply to this distribution board is from:	N/A	No of phases:	N/A	Confirmation of supply polarity:	N/A
Overcurrent protective device for the distribution circuit:	BS(EN): N/A	Rating:	N/A A	Nominal Voltage:	N/A V
RCD	BS(EN): N/A	No of poles:	N/A	Rating:	N/A mA
				Zs:	N/A Ω
				Disconnection time at In:	N/A ms
				Disconnection time at 5In:	N/A ms

DETAILS OF TEST INSTRUMENTS

Details of Test Instruments used (state serial and/or asset numbers):

Multi-functional:	Megger1711 -SN 1008121101838216	Insulation resistance:	N/A	Continuity:	N/A
Earth electrode resistance:	N/A	Earth fault loop impedance:	N/A	RCD:	N/A

TESTED BY

Name: **A. Thorburn** Position: **Electrical Inspector** Signature:  Date: **08/11/2020**

SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Distribution board designation:

D.B. Block 88-93

Location:

Cupboard Block 88-93

Circuit number and phase	Circuit designation	Type of wiring	Reference Method	Number of points served	Circuit conductors: csa			Max disconnect time permitted by BS7671 s	Overcurrent protective devices					RCD	Maximum Z _s permitted by BS7671 Ω	Circuit impedances (Ohms)					Insulation resistance			Polarity	Maximum measured earth fault loop impedance Z _s Ω	RCD		AFDD
					Live mm ²	cpc mm ²	BS(EN)		Type No	Rating A	Capacity kA	Operating current, I _{Δn} mA	Ring final circuits only (measured end to end)			All circuits (one column to be completed)		Live - Live MΩ	Live - Earth MΩ	Test voltage V	Disconnection time ms	Test button operation ✓						
													r ₁ (Line)			r _n (Neutral)	r ₂ (cpc)						R ₁ +R ₂			R ₂		
1	RCD Socket adjacent	A	B	1	2.5	1.5	0.4	60898	B	16	10	30	2.73	N/A	N/A	N/A	0.02	N/A	N/A	200	500	✓	0.26	28.2	✓	N/A		
2	Door entry	A	B	1	1.5	1	0.4	60898	B	6	10	N/A	7.28	N/A	N/A	N/A	0.02	N/A	N/A	200	500	✓	0.26	N/A	N/A	N/A		
3	Lighting	A	B	9	1.5	MW	0.4	60898	B	6	10	N/A	7.28	N/A	N/A	N/A	0.83	N/A	N/A	4	250	✓	0.98	N/A	N/A	N/A		
4	Lighting	A	B	2	1.5	MW	0.4	60898	B	6	10	N/A	7.28	N/A	N/A	N/A	0.15	N/A	N/A	4	250	✓	0.40	N/A	N/A	N/A		
5		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A		

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

BOARD CHARACTERISTICS

APPLIES WHEN THE BOARD IS NOT CONNECTED TO THE ORIGIN OF THE INSTALLATION

Supply to this distribution board is from :		N/A	No of phases:		N/A	Confirmation of supply polarity:				N/A	
Overcurrent protective device for the distribution circuit:	BS(EN):	N/A	Rating:	N/A A	Nominal Voltage:	N/A V	Zs:	N/A Ω	lpf:	N/A kA	
	RCD	BS(EN):	N/A	No of poles:		N/A	Rating:	N/A mA	Disconnection time at In:	N/A ms	Disconnection time at 5In:

DETAILS OF TEST INSTRUMENTS

Details of Test Instruments used (state serial and/or asset numbers):

Multi-functional:		Megger1711 -SN 1008121101838216	Insulation resistance:		N/A	Continuity:		N/A
Earth electrode resistance:		N/A	Earth fault loop impedance:		N/A	RCD:		N/A

TESTED BY

Name:	A. Thorburn	Position:	Electrical Inspector	Signature:		Date:	08/11/2020
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SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Distribution board designation: **D.B. Block 94-99**

Location: **Cupboard Block 94-99**

Circuit number and phase	Circuit designation	Type of wiring	Reference Method	Number of points served	Circuit conductors: CSA			Max disconnect time permitted by BS7671	Overcurrent protective devices					RCD	Maximum Z _s permitted by BS7671	Circuit impedances (Ohms)					Insulation resistance			Polarity	Maximum measured earth fault loop impedance Z _s	RCD		AFDD															
					Live	cpc	BS(EN)		Type No	Rating	Capacity	Operating current, I _{Δn}	Ring final circuits only (measured end to end)			All circuits (one column to be completed)		Live - Live	Live - Earth	Test voltage	Disconnection time	Test button operation																					
													m m ²			m m ²	s						m m ²			A	kA		mA	Ω	r ₁	r _n	r ₂	R ₁ +R ₂	R ₂	MΩ	MΩ	V	✓	Ω	ms	✓	✓
1	RCD Socket adjacent	A	B	1	2.5	1.5	0.4	3036	N/A	16	4	30	N/A	N/A	N/A	N/A	0.02	N/A	N/A	200	500	✓	0.26	24.2	✓	N/A																	
2	Lighting	A	B	9	1.5	MW	0.4	3036	N/A	6	4	N/A	N/A	N/A	N/A	N/A	0.68	N/A	N/A	6	250	✓	0.93	N/A	N/A	N/A																	
3	Door entry	A	B	1	1.5	1	0.4	3036	N/A	6	4	N/A	N/A	N/A	N/A	N/A	0.02	N/A	N/A	200	500	✓	0.26	N/A	N/A	N/A																	
4		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	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		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A																	

CODES FOR TYPE OF WIRING	A Thermoplastic insulated/sheathed cables	B Thermoplastic cables in metallic conduit	C Thermoplastic cables in non metallic conduit	D Thermoplastic cables in metallic trunking	E Thermoplastic cables in non metallic trunking	F Thermoplastic /SWA cables	G Thermosetting /SWA cables	H Mineral insulated cables	0 - Other
									N/A

BOARD CHARACTERISTICS

APPLIES WHEN THE BOARD IS NOT CONNECTED TO THE ORIGIN OF THE INSTALLATION

Supply to this distribution board is from:	N/A	No of phases:	N/A	Confirmation of supply polarity:	N/A
Overcurrent protective device for the distribution circuit:	BS(EN): N/A	Rating:	N/A A	Nominal Voltage:	N/A V
RCD	BS(EN): N/A	No of poles:	N/A	Rating:	N/A mA
				Zs:	N/A Ω
				Disconnection time at 1n:	N/A ms
				Disconnection time at 5In:	N/A ms

DETAILS OF TEST INSTRUMENTS

Details of Test Instruments used (state serial and/or asset numbers):

Multi-functional:	Megger1711 -SN 1008121101838216	Insulation resistance:	N/A	Continuity:	N/A
Earth electrode resistance:	N/A	Earth fault loop impedance:	N/A	RCD:	N/A

TESTED BY

Name: **A. Thorburn** Position: **Electrical Inspector** Signature:  Date: **08/11/2020**

ELECTRICAL INSTALLATION CONDITION REPORT GUIDANCE FOR RECIPIENTS

(to be appended to the Report)

This Report is an important and valuable document which should be retained for future reference.

1. 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 5). The Report should identify any damage, deterioration, defects and/or conditions which may give rise to danger.
2. The person ordering the Report should have received the 'original' Report and the inspector should have retained a duplicate.
3. 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.
4. Where the installation incorporates a residual current device (RCD) there should be a notice at or near the device stating that it should be tested six-monthly. For safety reasons it is important that this instruction is followed.
5. Section 4 (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 (licensing authority, insurance company, mortgage provider and the like) before the inspection was carried out.
6. 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 4.
7. For items classified in Section 7 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.
8. For items classified in Section 7 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.
9. Where it has been stated in Section 7 that an observation requires further investigation (code FI) the inspection has revealed an apparent deficiency which may result in a code C1 or C2, and could not, due to the extent or limitations of the inspection, be fully identified. Such observations should be investigated without delay. A further examination of the installation will be necessary, to determine the nature and extent of the apparent deficiency (see Section 6).
10. 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 6 of the Report under 'Recommendations' and on a label at or near to the consumer unit/ distribution board.