ELECTRICAL INSTALLATION CONDITION REPORT

FT/EICR 419866

for Industrial/Commercial Premises

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

A. Details of the Installation

Client	Lancashire County Council	Installation	Accrington Union Street Office Main Building
Address	PO Box 78 County Hall Preston Lancashire	Address	Accrington Union Street Office 44 Union Street Accrington Lancashire
Postcode	PR1 8XJ	Postcode	BB5 1PL

B. Reason for Producing this Report

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

The main purpose of periodic inspection and testing is to detect as far as is practicable, and to report on, any factors impairing or likely **--Please see Continuation Page--**

Date(s) on which the inspection and testing were carried out 01/07/2022 to 01/07/2022

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

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

Estimated age of the wiring system 20 years

Evidence of alterations or addition Yes ☑ No ☐ Not apparent ☐ if 'Yes', estimated 5 years

Records of installation available Yes ☑ No ☐ Records held by Quartz Elec

Date of last inspection 05/09/2018 Electrical Installation Certificate No. or previous Inspection Report No. 11113421

D. Extent of Electrical Installation Covered by this Report:

A fixed wire test of all sub-mains and all lighting and power final circuits. With a visual inspection within the constraints of the limitations.

Agreed Limitations and Operational Limitations (Regulations 653.2)

Agreed Limitations:
Unable to access the sealed incoming device. Ze and Ipf was taken at the nearest accessible live point to the origin of the supply.
Where an electrical installation can't be isolated from the supply, the protective and main bonding conductors must NOT be disconnected as under fault conditions the exposed and extraneous conductive parts could be raised to a dangerous level above earth potential.
Circuits not located within a reasonable amount of time designated as " Circuit not found " with limitations of any live testing and **--Please see Continuation Page--**

Agreed with: Paul Standish

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

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

E. Summary of the Condition of the Installation

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

The origin of supply is located within the hallway store by the ground floor disabled toilet at the front of the building. This is a three phase four wire supply with a TN/S earthing configuration. Supply conductors are 50mm. Ze and Ipf were ascertained from the load side of the main switch. The main **--Please see Continuation Page--**

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

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

F. Recommendations

Where the overall assessment of the suitability of the installation for continued use above is stated as UNSATISFACTORY I/we recommend that any observations classified as *'Danger present'* **(code C1)** or *'Potential dangerous'* **(code C2)** are acted upon as a matter of urgency. Investigation without delay is recommended for observations identified as *'Further Investigation required'* **(code FI)**. Observations classified as *'Improvement recommended'* **(code C3)** should be given due consideration. Subject to the necessary remedial action being taken, I/we recommend that the installation is further inspected and tested by 01/07/2027 (date)

G. Declaration

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

			Inspected and tested by	Authorised for issue by
Company	Lantei Ltd	Name:	Matthew Parkinson	Rob Walsh
Address	Lantei Business Centre, 55 Guildhall Street, Preston,	Signature:		
Postcode	PR1 3NU			
Branch No.		Position:	Electrical Test Engineer	Qualified Supervisor
Scheme No.	502303	Date:	01/07/2022	06/07/2022

ELECTRICAL INSTALLATION CONDITION REPORT

FT/EICR 419866

for Industrial/Commercial Premises

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

H. Schedule(s)

2 schedule(s) of inspection and 7 schedule(s) of test results are attached.

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

I. Supply Characteristics and Earthing Arrangements

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

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

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

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

Prospective fault current, I_{pf} (2) 4.50 kA External loop impedance, Z_e (2) 0.10 Ω

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

No. of Additional Supplies N/A

J. Particulars of Installation Referred to in this Report

Means of Earthing

Details of installation Earth Electrode (where applicable) Type (e.g. rod(s), tape etc) Distributors facility ☑ Installation Earth Electrode ☐

Location Electrode resistance to earth Ω Maximum Demand (load) N/A Amps ☐ KVA ☐

	Main Protective Conductors	Material	csa		(✓) or Value			(✓) or Value	
Earthing Conductor	Steel	6	Continuity Verified	☑	0.01	Ω	Connection Verified	☑	Ω
Protective Bonding Conductor (to extraneous-conductive-parts)	Copper	16	Continuity Verified	☑	0.02	Ω	Connection Verified	☑	0.04 Ω

Main Supply Conductor Copper 50

Main Switch Location Hallway store by the ground floor dis toilet

Fuse/device rating or setting 200 A Voltage rating 400 V

If RCD main switch: Rated residual operating current I Δn N/A mA

BS(EN) 5419 Isolator No. of Poles 4 Current Rating 200 A Rated time delay N/A ms Measured operating trip time N/A ms

(connection / continuity)	(✓) or Value		(✓) or Value	
Water installation	☑ 0.01	Ω	To structural steel	NA N/A Ω
Gas installation pipes	☑ 0.02	Ω	To lightning protection	NA N/A Ω
Oil installation pipes	NA N/A	Ω	Other Heating	☑ 0.02 Ω

K. Observations

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

☐ No remedial work required

☑ The following observations are made

Explanation of codes

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

Item No.	Observations	Code
1	Observation: There are redundant accessories/cables on site, these should be removed to avoid confusion. I have checked to see if the cables are live and they are dead at the time of testing. Location: DB1 Regulation: 464.2	C3
2	Observation: There are no visible warning labels near the MET connection. Location: MET, gas bond, water bond Regulation: 514.13.1	C3
3	Observation: Electrical accessories have not been labelled up correctly. Location: Various electrical accessories Regulation: 514.8 – 537.3.36	C3
4	Observation: No additional protection by means of an RCD with a rated residual operating current not exceeding 30 mA, is being provided for socket circuits with a rated current not exceeding 32A. Location: DB1 6L1, 6L2, 6L3, 7L1, 8L1, 8L2, 8L3, 13L3 Regulation: 411.3.3 & 415.1	C2
5	Observation: Untraced circuits should have their circuit designations verified. All readings taken at the light switch below DB1. Location: DB1 15L3 Regulation: 514.8.1	FI
6	Observation: Untraced circuits should have their circuit designations verified. All readings taken at the light switch below DB1. Location: DB2 8L3 Regulation: 514.8.1	FI
7	Observation: Socket face plate is cracked/smashed. Socket is in very poor condition. Location: Socket in corridor by ANTE room 6 Regulation: 416.2 & 651.1	C2
8	Observation: Type AC RCD are being used to supply accessories where there is a presence of DC components. Advised to upgrade due to amendment 2 of BS 7671 to type A or B. Location: Installation Regulation: 531.3.3, 411.3.2.1, 411.3.3	NA

9	Observation: 2 different types of protective devices have been used within the DB. This is fine as they both fit correctly within the DB. There are no signs of thermal damage or distress to the cables, protective devices, and the DB itself. All devices fit correctly within the consumer unit; no issues are present. Location: DB2 6L3 Regulation: 536.4.203 - 134.1.1	C3
10	Observation: Undersized main earth conductor (6mm) for TNS earthing arrangements and bonding conductors. This is the DNOs main earthing conductor connected to the MET from the supply cable. I have contacted the DNO and they are coming to investigate. Location: Main cpc Location: 6mm main earthing conductor Regulation: 544.1.1 Table 54.7	N/A
11	Observation:Distribution equipment cover is not fully secured- safety is not impaired/live parts can not be accessed Location: DB1 Regulation:134.1.1	C3
12	Observation: No additional protection by means of an RCD with a rated residual operating current not exceeding 30 mA, is being provided for socket circuits with a rated current not exceeding 32A. Location: DB2 4L2, 4L3, 5L2, 5L3, 7L1 Regulation: 411.3.3 & 415.1	C2
13	Observation: Light fitting is missing the front cover which is exposing live parts. Location: Wall light at HL by the back staircase Regulation: 416.2 & 651.1	C2

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

C1 Danger present. Risk of Injury. Immediate remedial action required.	0
C2 Potentially dangerous. Urgent remedial action required.	4
C3 Improvement recommended.	5
FI Further Investigation required without delay	2

The above values are a total count of Observation per outcome

Outcomes

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

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

6.1	Identification of conductors (514.3.1)	C3
6.2	Cables correctly supported throughout their run (521.10.202; 522.8.5)	C3
6.3	Condition of insulation of live parts (416.1)	✓
6.4	Non-sheathed cables protected by enclosure in conduit, ducting or trunking. Integrity of containment (521.10.1)	✓
6.5	Suitability of containment systems for continued use (including flexible conduit) (Section 522)	✓
6.6	Cables correctly terminated in enclosures (Section 526)	✓
6.7	Confirmation that ALL conductor connections, including connections to busbars, are correctly located in terminals and are tight and secure (526.1)	✓
6.8	Examination of cables for signs of unacceptable thermal or mechanical damage/deterioration (421.1; 522.6)	✓
6.9	Adequacy of cables for current-carrying capacity with regard for the type and nature of installation (Section 523)	✓
6.10	Adequacy of protective devices: type and rated current for fault protection (411.3)	✓
6.11	Presence and adequacy of circuit protective conductors (411.3.1.1; 543.1)	✓
6.12	Coordination between conductors and overload protective devices (433.1; 533.2.1)	✓
6.13	Cable installation methods/practices with regard to the type and nature of installation and external influences (Section 522)	✓
6.14	Where exposed to direct sunlight, cable of a suitable type (522.11.1)	✓
6.15	**Cables concealed under floors, above ceilings, in walls/partitions less than 50 mm from a surface, and in partitions containing metal parts**	
6.15.1	Installed in prescribed zones (see Section D. Extent and limitations) (522.6.202) or	✓
6.15.2	Incorporating earthed armour or sheath, or run within earthed wiring system, or otherwise protected against mechanical damage by nails, screws and the like (see Section D. Extent and limitations) (522.6.204)	✓
6.16	Provision of fire barriers, sealing arrangements and protection against thermal effects (Section 527)	✓
6.17	Band II cables segregated/separated from Band I cables (528.1)	✓
6.18	Cables segregated/separated from non-electrical services (528.3)	✓
6.19	Condition of circuit accessories (651.2)	✓
6.20	Suitability of circuit accessories for external influences (512.2)	✓
6.21	Single-pole switching or protective devices in line conductors only (132.14.1; 530.3.3)	✓
6.22	Adequacy of connections, including cpc's, within accessories and to fixed and stationary equipment – identify/record numbers and locations of items inspected (Section 526)	✓
6.23	Presence, operation and correct location of appropriate devices for isolation and switching (Chapter 46; 537)	✓
6.24	General condition of wiring systems (651.2)	✓
6.25	Temperature rating of cable insulation (522.1.1; Table 52.1)	✓

Inspector's Name: Matthew Parkinson

Signature: 

Date: 01/07/2022

ELECTRICAL INSTALLATION CONDITION REPORT - Schedule of Tests

for Industrial/Commercial Premises

FT/ EICR 419866

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

Company Name	Lantei Ltd	**Company Address**	Lantei Business Centre	**Postcode**	PR1 3NU	**Branch No.**	**Scheme No.** 502303
Client	Lancashire County Council	**Installation Address**	Accrington Union Street Office Main Building, Accrington Union Street Office, 44 Union Street, Accrington, Lancashire	**Postcode**	BB5 1PL		

Distribution board details - Complete in every case

Location: Hallway store by the GF dis toilet (Dorman Smith)
Designation: Main switch
Num. of ways: 2 Num. of phases: 3
Supply polarity confirmed: ☑ Phase sequence confirmed: ☑

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

Supply to distribution board is from: N/A
Overcurrent protective device for the distribution circuit: BS(EN) N/A Type N/A Rating N/A A Voltage 400/230 V

Characteristics at this distribution board

Associated RCD(if any): BS (EN) N/A
Z_d 0.10 Ω No. of poles N/A
I_{pf} 4.50 kA IΔn N/A
Time delay (if applicable) N/A
Above 30mA (if applicable)
Operating at 1 IΔn N/A ms
30mA or below
Operating at 5 IΔn N/A ms

Test instrument serial number(s)

Loop impedance 1008123102125400
Insulation resistance 1008123102125400
Continuity 1008123102125400
RCD 1008123102125400

CIRCUIT DETAILS / TEST RESULTS

Circuit No. and Line No.	Distribution board Designation / Circuit designation	Type of wiring	Ref. method	No. of points	Circuit conductors csa (mm²) L / N	Circuit conductors csa (mm²) CPC	Maximum disconnection	Overcurrent protective devices BS EN Number	Type No.	Rating (A)	Breaking capacity (KA)	RCD operating (mA)	BS 7671 Max. permitted Zs Other 100% (Ω)	Circuit impedance Ω Ring final circuits only (measured end-to-end) r1	rn	r2	Fig 8 check (✓)	All circuits to be completed using R1R2 or R2, not both R1 + R2	R2	Insulation resistance (Record lower reading) Test voltage V	L/L, L/N M(Ω)	L/E, N/E M(Ω)	Polarity (✓)	Max. Measured Zs (Ω)	RCD testing Above 30mA IΔn ms	30mA or below 5 IΔn ms	Manual test button operation RCD (✓)	AFDD (✓)
1/TP	Sub Mains(SB1)	D	D	1	50	25	5	88-2 HRC	gG	200	80	N/A	0.18	N/A	N/A	N/A	N/A	0.01	N/A	500	>200	>200	✓	0.10	N/A	N/A	N/A	N/A
2/L1	Sub Mains(MSFI Fire)	H	D	1	1.5	5.3	5	88-2 HRC	gG	200	80	N/A	0.18	N/A	N/A	N/A	N/A	0.01	N/A	500	>200	>200	✓	0.11	N/A	N/A	N/A	N/A
2/L2	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
2/L3	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

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

Date(s) dead testing 01/07/2022 To 01/07/2022

Date(s) live testing 01/07/2022 To 01/07/2022

Signature

Tested by: Name (capital letters) MATTHEW PARKINSON Position Electrical Test Engineer Date 01/07/2022

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

ELECTRICAL INSTALLATION CONDITION REPORT - Schedule of Tests

for Industrial/Commercial Premises

FT/ EICR 419866

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

Company Name	Lantei Ltd	**Company Address**	Lantei Business Centre	**Postcode**	PR1 3NU	**Branch No.**	**Scheme No.** 502303
Client	Lancashire County Council	**Installation Address**	Accrington Union Street Office Main Building, Accrington Union Street Office, 44 Union Street, Accrington, Lancashire	**Postcode**	BB5 1PL		

Distribution board details - Complete in every case

Location: Hallway store by the GF dis toilet (Dorman Smith)
Designation: SB1
Num. of ways: 6 Num. of phases: 3
Supply polarity confirmed: ✓ Phase sequence confirmed: ✓

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

Supply to distribution board is from: Sub Mains(Main switch, 1/TP)
Overcurrent protective device for the distribution circuit: BS(EN) 88-2 HRC gG Type gG Rating 200 A Voltage 400 V

Characteristics at this distribution board

Associated RCD(if any): BS (EN) N/A
Z_d 0.10 Ω No. of poles N/A
I_{pf} 4.50 kA IΔn N/A
Time delay (if applicable) N/A
Operating at 1 IΔn N/A ms
Operating at 5 IΔn N/A ms
Above 30mA 30mA or below (if applicable)

Test instrument serial number(s)

Loop impedance 1008123102125400
Insulation resistance 1008123102125400
Continuity 1008123102125400
RCD 1008123102125400

CIRCUIT DETAILS / TEST RESULTS

Circuit No. and Line No.	Distribution board Designation: SB1 / Circuit designation	Type of wiring	Ref. method	No. of points	Circuit conductors csa (mm²) L / N	Circuit conductors csa (mm²) CPC	Maximum disconnection	Overcurrent protective devices BS EN Number	Type No.	Rating (A)	Breaking capacity (KA)	RCD operating (mA)	BS 7671 Max. permitted Zs Other 100% (Ω)	Circuit impedance Ω: Ring final circuits only (measured end-to-end) r1	rn	r2	Fig 8 check (✓)	All circuits to be completed using R1R2 or R2, not both: R1 + R2	R2	Insulation resistance (Record lower reading): Test voltage V	L/L, L/N M(Ω)	L/E, N/E M(Ω)	Polarity (✓)	Max. Measured Zs (Ω)	RCD testing: Above 30mA IΔn ms	30mA or below 5 IΔn ms	Manual test button operation: RCD (✓)	AFDD (✓)
1/TP	Sub Mains(MSFI Boiler panel)	F	C	1	10	SWA	5	60947 MCCB	A	32	25	N/A	1.58	N/A	N/A	N/A	N/A	0.07	N/A	500	>200	>200	✓	0.22	N/A	N/A	N/A	N/A
2/L1	Sub Mains(DB 3 (Boiler))	F	C	1	16	SWA	5	60947 MCCB	A	40	25	N/A	1.25	N/A	N/A	N/A	N/A	0.04	N/A	500	>200	>200	✓	0.18	N/A	N/A	N/A	N/A
2/L2	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
2/L3	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
3/TP	Surge protection	D	B	1	16	16	5	60947 MCCB	A	63	25	N/A	0.80	N/A	N/A	N/A	N/A	0.01	N/A	500	>200	>200	✓	0.13	N/A	N/A	N/A	N/A
4/TP	Sub Mains(DB 2)	F	C	1	25	SWA	5	60947 MCCB	A	63	25	N/A	0.80	N/A	N/A	N/A	N/A	0.05	N/A	500	>200	>200	✓	0.18	N/A	N/A	N/A	N/A
5/TP	Sub Mains(DB 1)	D	B	1	25	16	5	60947 MCCB	A	63	25	N/A	0.80	N/A	N/A	N/A	N/A	0.01	N/A	500	>200	>200	✓	0.12	N/A	N/A	N/A	N/A
6/TP	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

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

Date(s) dead testing: 01/07/2022 To: 01/07/2022

Date(s) live testing: 01/07/2022 To: 01/07/2022

Tested by: Name (capital letters): MATTHEW PARKINSON Position: Electrical Test Engineer Date: 01/07/2022

Signature

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

ELECTRICAL INSTALLATION CONDITION REPORT - Schedule of Tests

for Industrial/Commercial Premises

FT/EICR 419866

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

Company Name	Lantei Ltd	**Company Address**	Lantei Business Centre	**Postcode**	PR1 3NU	**Branch No.**		**Scheme No.**	502303
Client	Lancashire County Council	**Installation Address**	Accrington Union Street Office Main Building, Accrington Union Street Office, 44 Union Street, Accrington, Lancashire	**Postcode**	BB5 1PL				

Distribution board details - Complete in every case

Location: Hallway store by the GF dis toilet (Dorman Smith)
Designation: DB 1
Num. of ways: 16 Num. of phases: 3
Supply polarity confirmed: ✓ Phase sequence confirmed: ✓

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

Supply to distribution board is from: Sub Mains(SB1, 5/TP)
Overcurrent protective device for the distribution circuit: BS(EN) 60947 MCCB Type A Rating 63 A Voltage 400 V

Characteristics at this distribution board

Associated RCD(if any): BS (EN) N/A
Z_d 0.12 Ω No. of poles N/A
I_{pf} 3.86 kA IΔn N/A
Time delay (if applicable) N/A
Operating at 1 IΔn N/A ms (Above 30mA if applicable)
Operating at 5 IΔn N/A ms (30mA or below if applicable)

Test instrument serial number(s)

Loop impedance 1008123102125400
Insulation resistance 1008123102125400
Continuity 1008123102125400
RCD 1008123102125400

CIRCUIT DETAILS / TEST RESULTS

Circuit No. and Line No.	Circuit designation	Type of wiring	Ref. method	No. of points	Circuit conductors csa (mm²) L / N	Circuit conductors csa (mm²) CPC	Maximum disconnection	Overcurrent protective devices BS EN Number	Type No.	Rating (A)	Breaking capacity (KA)	RCD operating (mA)	BS 7671 Max. permitted Zs Other 100% (Ω)	Circuit impedance Ω: Ring final circuits only (measured end-to-end) r1	rn	r2	Fig 8 check (✓)	All circuits to be completed using R1R2 or R2, not both: R1 + R2	R2	Insulation resistance (Record lower reading) Test voltage V	L/L, L/N M(Ω)	L/E, N/E M(Ω)	Polarity (✓)	Max. Measured Zs (Ω)	RCD testing: Above 30mA IΔn ms	30mA or below 5 IΔn ms	Manual test button operation: RCD (✓)	AFDD (✓)
1/L1	Disabled call alert	A	B	1	2.5	1.5	0.4	3871 MCB	2	16	9	N/A	1.95	N/A	N/A	N/A	N/A	0.20	N/A	500	>200	>200	✓	0.32	N/A	N/A	N/A	N/A
1/L2	Lighting reception area	A	B	5	1.5	1.0	0.4	3871 MCB	2	6	9	N/A	5.20	N/A	N/A	N/A	N/A	0.32	N/A	500	LIM	>200	✓	0.44	N/A	N/A	N/A	N/A
1/L3	Lighting corridor and customer care	A	B	7	1.5	1.0	0.4	3871 MCB	2	6	9	N/A	5.20	N/A	N/A	N/A	N/A	0.57	N/A	500	LIM	>200	✓	0.69	N/A	N/A	N/A	N/A
2/L1	Lighting store room	A	B	2	1.5	1.0	0.4	3871 MCB	2	6	9	N/A	5.20	N/A	N/A	N/A	N/A	0.65	N/A	500	LIM	>200	✓	0.77	N/A	N/A	N/A	N/A
2/L2	Lighting conference room	A	B	4	1.5	1.0	0.4	3871 MCB	2	6	9	N/A	5.20	N/A	N/A	N/A	N/A	0.25	N/A	500	LIM	>200	✓	0.37	N/A	N/A	N/A	N/A
2/L3	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
3/L1	Lighting main office	A	B	10	1.5	1.0	0.4	3871 MCB	2	6	9	N/A	5.20	N/A	N/A	N/A	N/A	0.33	N/A	500	LIM	>200	✓	0.45	N/A	N/A	N/A	N/A
3/L2	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
3/L3	Lighting kitchen, toilet and fan	A	B	4	1.5	1.0	0.4	3871 MCB	2	6	9	N/A	5.20	N/A	N/A	N/A	N/A	0.88	N/A	500	LIM	>200	✓	1.00	N/A	N/A	N/A	N/A
4/L1	Lightng main office	A	B	8	1.5	1.0	0.4	3871 MCB	2	6	9	N/A	5.20	N/A	N/A	N/A	N/A	1.02	N/A	500	LIM	>200	✓	1.14	N/A	N/A	N/A	N/A
4/L2	Lightng main office	A	B	6	1.5	1.0	0.4	3871 MCB	2	6	9	N/A	5.20	N/A	N/A	N/A	N/A	1.01	N/A	500	LIM	>200	✓	1.13	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	Lighting stairwell and landing	A	B	8	1.5	1.0	0.4	3871 MCB	2	6	9	N/A	5.20	N/A	N/A	N/A	N/A	0.41	N/A	500	LIM	>200	✓	0.53	N/A	N/A	N/A	N/A
5/L2	Lighting rear stairwell corridor and externals	A	B	12	1.5	1.0	0.4	3871 MCB	2	6	9	N/A	5.20	N/A	N/A	N/A	N/A	0.89	N/A	500	LIM	>200	✓	1.01	N/A	N/A	N/A	N/A
5/L3	Lighting leaflet room	A	B	6	1.5	1.0	0.4	3871 MCB	2	6	9	N/A	5.20	N/A	N/A	N/A	N/A	0.99	N/A	500	LIM	>200	✓	1.11	N/A	N/A	N/A	N/A
6/L1	Socket BT and store ceiling	A	B	2	4	1.5	0.4	3871 MCB	2	16	9	N/A	1.95	N/A	N/A	N/A	N/A	0.20	N/A	500	>200	>200	✓	0.35	N/A	N/A	N/A	N/A
6/L2	Sockets entrance and corridor	A	B	4	2.5	1.5	0.4	3871 MCB	2	20	9	N/A	1.56	N/A	N/A	N/A	N/A	0.34	N/A	500	>200	>200	✓	0.42	N/A	N/A	N/A	N/A

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

Date(s) dead testing: 01/07/2022 To 01/07/2022

Date(s) live testing: 01/07/2022 To 01/07/2022

Tested by: Name (capital letters): MATTHEW PARKINSON Position: Electrical Test Engineer Date: 01/07/2022

Signature

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

ELECTRICAL INSTALLATION CONDITION REPORT - Schedule of Tests

for Industrial/Commercial Premises

FT/EICR 419866

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

CIRCUIT DETAILS / TEST RESULTS

Circuit No. and Line No.	Distribution board Designation: DB 1 / Circuit designation	Type of wiring	Ref. method	No. of points	Circuit conductors csa (mm²) L / N	Circuit conductors csa (mm²) CPC	Maximum disconnection	Overcurrent protective devices BS EN Number	Overcurrent protective devices Type No.	Overcurrent protective devices Rating (A)	Breaking capacity (KA)	RCD operating (mA)	BS 7671 Max. permitted Zs Other 100% (Ω)	Circuit impedance Ω: Ring final circuits only (measured end-to-end) r1	rn	r2	Fig 8 check (✓)	All circuits to be completed using R1R2 or R2, not both: R1 + R2	R2	Insulation resistance (Record lower reading) Test voltage V	L/L, L/N M(Ω)	L/E, N/E M(Ω)	Polarity (✓)	Max. Measured Zs (Ω)	RCD testing: Above 30mA IΔn ms	30mA or below 5 IΔn ms	Manual test button operation: RCD (✓)	AFDD (✓)
6/L3	Socket leaflet room	A	B	4	2.5	1.5	0.4	3871 MCB	2	20	9	N/A	1.56	N/A	N/A	N/A	N/A	0.80	N/A	500	>200	>200	✓	0.91	N/A	N/A	N/A	N/A
7/L1	Sockets reception area	A	B	6	2.5	1.5	0.4	3871 MCB	2	20	9	N/A	1.56	N/A	N/A	N/A	N/A	0.78	N/A	500	LIM	>200	✓	0.84	N/A	N/A	N/A	N/A
7/L2	Door access	A	B	1	2.5	1.5	0.4	3871 MCB	2	16	9	N/A	1.95	N/A	N/A	N/A	N/A	0.30	N/A	500	>200	>200	✓	0.42	N/A	N/A	N/A	N/A
7/L3	Water heater disabled toilet	A	B	1	2.5	1.5	0.4	3871 MCB	2	16	9	N/A	1.95	N/A	N/A	N/A	N/A	0.15	N/A	500	>200	>200	✓	0.27	N/A	N/A	N/A	N/A
8/L1	RFC sockets conference room and corridor	A	B	8	2.5	1.5	0.4	3871 MCB	2	32	9	N/A	0.97	1.14	1.14	1.97	✓	0.76	N/A	500	>200	>200	✓	0.83	N/A	N/A	N/A	N/A
8/L2	RFC sockets main office floor sockets	A	B	12	2.5	1.5	0.4	3871 MCB	2	32	9	N/A	0.97	0.52	0.52	0.92	✓	0.41	N/A	500	LIM	>200	✓	0.50	N/A	N/A	N/A	N/A
8/L3	RFC sockets main office and fans	A	B	10	2.5	1.5	0.4	3871 MCB	2	32	9	N/A	0.97	0.88	0.88	1.33	✓	0.43	N/A	500	>200	>200	✓	0.51	N/A	N/A	N/A	N/A
9/L1	Door access	A	B	1	2.5	1.5	0.4	3871 MCB	2	16	9	N/A	1.95	N/A	N/A	N/A	N/A	0.20	N/A	500	>200	>200	✓	0.32	N/A	N/A	N/A	N/A
9/L2	Water heater staff toilet	A	B	1	2.5	1.5	0.4	3871 MCB	2	16	9	N/A	1.95	N/A	N/A	N/A	N/A	0.34	N/A	500	>200	>200	✓	0.46	N/A	N/A	N/A	N/A
9/L3	Water heater kitchen	A	B	1	2.5	1.5	0.4	3871 MCB	2	16	9	N/A	1.95	N/A	N/A	N/A	N/A	0.41	N/A	500	>200	>200	✓	0.53	N/A	N/A	N/A	N/A
10/L1	Water heater disabled toilet	A	B	1	2.5	1.5	0.4	3871 MCB	2	16	9	N/A	1.95	N/A	N/A	N/A	N/A	0.27	N/A	500	>200	>200	✓	0.39	N/A	N/A	N/A	N/A
10/L2	Data cab	A	B	1	2.5	1.5	0.4	3871 MCB	2	16	9	N/A	1.95	N/A	N/A	N/A	N/A	0.48	N/A	500	>200	>200	✓	0.60	N/A	N/A	N/A	N/A
10/L3	Water heater kitchen	A	B	1	2.5	1.5	0.4	3871 MCB	2	16	9	N/A	1.95	N/A	N/A	N/A	N/A	0.30	N/A	500	>200	>200	✓	0.42	N/A	N/A	N/A	N/A
11/L1	Lighting service area toilets and alarm	A	B	8	1.5	1.0	0.4	3871 MCB	2	6	9	N/A	5.20	N/A	N/A	N/A	N/A	0.55	N/A	500	LIM	>200	✓	0.67	N/A	N/A	N/A	N/A
11/L2	Panic alarm	A	B	1	2.5	1.5	0.4	3871 MCB	2	20	9	N/A	1.56	N/A	N/A	N/A	N/A	0.31	N/A	500	>200	>200	✓	0.43	N/A	N/A	N/A	N/A
11/L3	Water boiler kitchen	A	B	1	2.5	1.5	0.4	3871 MCB	2	16	9	N/A	1.95	N/A	N/A	N/A	N/A	0.38	N/A	500	>200	>200	✓	0.50	N/A	N/A	N/A	N/A
12/L1	Alarm panel store room	A	B	1	2.5	1.5	0.4	3871 MCB	2	16	9	N/A	1.95	N/A	N/A	N/A	N/A	0.37	N/A	500	>200	>200	✓	0.49	N/A	N/A	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	Hand dryer kitchen	A	B	1	2.5	1.5	0.4	3871 MCB	2	16	9	N/A	1.95	N/A	N/A	N/A	N/A	0.63	N/A	500	>200	>200	✓	0.75	N/A	N/A	N/A	N/A
13/L1	Lighting external lighting panel	A	B	1	2.5	1.5	0.4	3871 MCB	2	6	9	N/A	5.20	N/A	N/A	N/A	N/A	0.03	N/A	500	>200	>200	✓	0.15	N/A	N/A	N/A	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
13/L3	RFC sockets kitchen	A	B	4	2.5	1.5	0.4	3871 MCB	2	32	9	N/A	0.97	0.74	0.74	1.24	✓	0.50	N/A	500	>200	>200	✓	0.57	N/A	N/A	N/A	N/A
14/L1	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
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

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

Date(s) dead testing 01/07/2022 To 01/07/2022

Date(s) live testing 01/07/2022 To 01/07/2022

Tested by: Name (capital letters) MATTHEW PARKINSON Position Electrical Test Engineer Date 01/07/2022

Signature

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

ELECTRICAL INSTALLATION CONDITION REPORT - Schedule of Tests

for Industrial/Commercial Premises

FT/EICR: 419866

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

CIRCUIT DETAILS / TEST RESULTS

Circuit No. and Line No.	Distribution board Designation: DB 1 / Circuit designation	Type of wiring	Ref. method	No. of points	Circuit conductors csa (mm²): L / N	Circuit conductors csa (mm²): CPC	Maximum disconnection	Overcurrent protective devices: BS EN Number	Overcurrent protective devices: Type No.	Overcurrent protective devices: Rating (A)	Breaking capacity (KA)	RCD operating (mA)	BS 7671 Max. permitted Zs Other 100% (Ω)	Circuit impedance Ω: Ring final circuits only (measured end-to-end) r1	r1	rn	r2	Fig 8 check (✓)	All circuits to be completed using R1R2 or R2, not both: R1 + R2	R2	Insulation resistance (Record lower reading): Test voltage V	L/L, L/N M(Ω)	L/E, N/E M(Ω)	Polarity (✓)	Max. Measured Zs (Ω)	RCD testing: Above 30mA IΔn ms	30mA or below 5 IΔn ms	Manual test button operation: RCD (✓)	AFDD (✓)
14/L3	Cooker	A	B	1	10	4	5	3871 MCB	2	40	9	N/A	0.78	N/A	N/A	N/A	N/A	0.27	N/A	500	>200	>200	✓	0.39	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	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	N/A	N/A	N/A
15/L3	Untraced circuit	A	B	LIM	1.5	1.0	0.4	3871 MCB	2	6	9	N/A	5.20	N/A	N/A	N/A	N/A	LIM	LIM	500	LIM	>200	✓	LIM	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	N/A	N/A	N/A

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

Date(s) dead testing: 01/07/2022 To 01/07/2022

Date(s) live testing: 01/07/2022 To 01/07/2022

Tested by: Name (capital letters): MATTHEW PARKINSON

Position: Electrical Test Engineer

Date: 01/07/2022

Signature

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

ELECTRICAL INSTALLATION CONDITION REPORT - Schedule of Tests

for Industrial/Commercial Premises

FT/EICR: 419866

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

Company Name	Lantei Ltd	**Company Address**	Lantei Business Centre	**Postcode**	PR1 3NU	**Branch No.**		**Scheme No.**	502303
Client	Lancashire County Council	**Installation Address**	Accrington Union Street Office Main Building, Accrington Union Street Office, 44 Union Street, Accrington, Lancashire	**Postcode**	BB5 1PL				

Distribution board details - Complete in every case

Location: Landing store at the top of the stairs (Dorman Smith)
Designation: DB 2
Num. of ways: 12 Num. of phases: 3
Supply polarity confirmed: ✓ Phase sequence confirmed: ✓

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

Supply to distribution board is from: Sub Mains(SB1, 4/TP)
Overcurrent protective device for the distribution circuit: BS(EN) 60947 MCCB Type A Rating 63 A Voltage 400 V

Characteristics at this distribution board

Associated RCD(if any): BS (EN) N/A
Z_d 0.18 Ω No. of poles N/A
I_{pf} 3.64 kA IΔn N/A
Time delay (if applicable) N/A
Operating at 1 IΔn N/A ms
Operating at 5 IΔn N/A ms
Above 30mA 30mA or below (if applicable)

Test instrument serial number(s)

Loop impedance: 1008123102125400
Insulation resistance: 1008123102125400
Continuity: 1008123102125400
RCD: 1008123102125400

CIRCUIT DETAILS / TEST RESULTS

Circuit No. and Line No.	Distribution board Designation / Circuit designation	Type of wiring	Ref. method	No. of points	Circuit conductors csa (mm²) L / N	Circuit conductors csa (mm²) CPC	Maximum disconnection	Overcurrent protective devices BS EN Number	Type No.	Rating (A)	Breaking capacity (KA)	RCD operating (mA)	BS 7671 Max. permitted Zs Other 100% (Ω)	Circuit impedance Ω Ring final circuits only (measured end-to-end) r1	rn	r2	Fig 8 check (✓)	All circuits to be completed using R1R2 or R2, not both R1 + R2	R2	Insulation resistance (Record lower reading) Test voltage V	L/L, L/N M(Ω)	L/E, N/E M(Ω)	Polarity (✓)	Max. Measured Zs (Ω)	RCD testing Above 30mA IΔn ms	30mA or below 5 IΔn ms	Manual test button operation RCD (✓)	AFDD (✓)
1/L1	Lighting corridor	A	B	8	1.5	1.0	0.4	3871 MCB	2	6	9	N/A	5.20	N/A	N/A	N/A	N/A	0.57	N/A	500	LIM	>200	✓	0.75	N/A	N/A	N/A	N/A
1/L2	Lighting family support team	A	B	6	1.5	1.0	0.4	3871 MCB	2	6	9	N/A	5.20	N/A	N/A	N/A	N/A	0.50	N/A	500	LIM	>200	✓	0.68	N/A	N/A	N/A	N/A
1/L3	Lighting adult manager office	A	B	6	1.5	1.0	0.4	3871 MCB	2	6	9	N/A	5.20	N/A	N/A	N/A	N/A	0.56	N/A	500	LIM	>200	✓	0.74	N/A	N/A	N/A	N/A
2/L1	Lighting manager/family support office	A	B	8	1.5	1.0	0.4	3871 MCB	2	6	9	N/A	5.20	N/A	N/A	N/A	N/A	0.35	N/A	500	LIM	>200	✓	0.53	N/A	N/A	N/A	N/A
2/L2	Lighting physical disabled team	A	B	7	1.5	1.0	0.4	3871 MCB	2	6	9	N/A	5.20	N/A	N/A	N/A	N/A	0.46	N/A	500	LIM	>200	✓	0.64	N/A	N/A	N/A	N/A
2/L3	Lighting initial assesment team	A	B	4	1.5	1.0	0.4	3871 MCB	2	6	9	N/A	5.20	N/A	N/A	N/A	N/A	0.43	N/A	500	LIM	>200	✓	0.61	N/A	N/A	N/A	N/A
3/L1	Lighting rear corridor	A	B	5	1.5	1.0	0.4	3871 MCB	2	10	9	N/A	3.12	N/A	N/A	N/A	N/A	0.70	N/A	500	LIM	>200	✓	0.88	N/A	N/A	N/A	N/A
3/L2	Lighting physical disabled team	A	B	4	1.5	1.0	0.4	60898 MCB	B	6	10	N/A	7.28	N/A	N/A	N/A	N/A	0.40	N/A	500	LIM	>200	✓	0.58	N/A	N/A	N/A	N/A
3/L3	Lighting initial assesment team	A	B	4	1.5	1.0	0.4	3871 MCB	2	6	9	N/A	5.20	N/A	N/A	N/A	N/A	0.32	N/A	500	LIM	>200	✓	0.50	N/A	N/A	N/A	N/A
4/L1	RFC Door access	A	B	1	2.5	1.5	0.4	3871 MCB	2	16	9	N/A	1.95	0.36	0.36	0.55	✓	0.25	N/A	500	>200	>200	✓	0.31	N/A	N/A	N/A	N/A
4/L2	RFC Sockets family support team	A	B	6	2.5	1.5	0.4	3871 MCB	2	32	9	N/A	0.97	0.46	0.46	0.83	✓	0.34	N/A	500	>200	>200	✓	0.50	N/A	N/A	N/A	N/A
4/L3	Sockets family support team and corridor	A	B	8	2.5	1.5	0.4	3871 MCB	2	32	9	N/A	0.97	N/A	N/A	N/A	N/A	0.47	N/A	500	>200	>200	✓	0.61	N/A	N/A	N/A	N/A
5/L1	Hand dryer mens	A	B	1	2.5	1.5	0.4	3871 MCB	2	16	9	N/A	1.95	N/A	N/A	N/A	N/A	0.22	N/A	500	>200	>200	✓	0.40	N/A	N/A	N/A	N/A
5/L2	RFC sockets physical disabilities team	A	B	6	2.5	1.5	0.4	3871 MCB	2	32	9	N/A	0.97	0.40	0.40	0.67	✓	0.27	N/A	500	LIM	>200	✓	0.40	N/A	N/A	N/A	N/A
5/L3	RFC sockets initial assesment team and corridor	A	B	8	4	1.5	0.4	3871 MCB	2	32	9	N/A	0.97	0.38	0.38	0.67	✓	0.30	N/A	500	>200	>200	✓	0.45	N/A	N/A	N/A	N/A

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

Date(s) dead testing: 01/07/2022 To 01/07/2022
Date(s) live testing: 01/07/2022 To 01/07/2022

Tested by: Name (capital letters): MATTHEW PARKINSON Position: Electrical Test Engineer Date: 01/07/2022
Signature:

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

ELECTRICAL INSTALLATION CONDITION REPORT - Schedule of Tests

for Industrial/Commercial Premises

FT/ EICR 419866

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

CIRCUIT DETAILS / TEST RESULTS

Circuit No. and Line No.	Distribution board Designation: DB 2 / Circuit designation	Type of wiring	Ref. method	No. of points	Circuit conductors csa (mm²): L / N	Circuit conductors csa (mm²): CPC	Maximum disconnection	Overcurrent protective devices: BS EN Number	Overcurrent protective devices: Type No.	Overcurrent protective devices: Rating (A)	Breaking capacity (KA)	RCD operating (mA)	BS 7671 Max. permitted Zs Other 100% (Ω)	Circuit impedance Ω: Ring final circuits only (measured end-to-end) r1	rn	r2	Fig 8 check (✓)	All circuits to be completed using R1R2 or R2, not both: R1 + R2	R2	Insulation resistance (Record lower reading): Test voltage V	L/L, L/N M(Ω)	L/E, N/E M(Ω)	Polarity (✓)	Max. Measured Zs (Ω)	RCD testing: Above 30mA IΔn ms	30mA or below 5 IΔn ms	Manual test button operation: RCD (✓)	AFDD (✓)
6/L1	Water heater mens WC	A	B	1	2.5	1.5	0.4	3871 MCB	2	16	9	N/A	1.95	N/A	N/A	N/A	N/A	0.16	N/A	500	>200	>200	✓	0.34	N/A	N/A	N/A	N/A
6/L2	Water heater ladies WC	A	B	1	2.5	1.5	0.4	3871 MCB	2	16	9	N/A	1.95	N/A	N/A	N/A	N/A	0.40	N/A	500	>200	>200	✓	0.58	N/A	N/A	N/A	N/A
6/L3	AC unit	G	C	1	4	4	0.4	60898 MCB	C	32	10	N/A	0.68	N/A	N/A	N/A	N/A	0.20	N/A	500	>200	>200	✓	0.38	N/A	N/A	N/A	N/A
7/L1	RFC sockets disabilities team	A	B	4	2.5	1.5	0.4	3871 MCB	2	32	9	N/A	0.97	0.56	0.56	0.96	✓	0.41	N/A	500	>200	>200	✓	0.56	N/A	N/A	N/A	N/A
7/L2	Hand dryer ladies WC	A	B	1	2.5	1.5	0.4	3871 MCB	2	16	9	N/A	1.95	N/A	N/A	N/A	N/A	0.38	N/A	500	>200	>200	✓	0.56	N/A	N/A	N/A	N/A
7/L3	Water heater cleaners store	A	B	1	2.5	1.5	0.4	3871 MCB	2	16	9	N/A	1.95	N/A	N/A	N/A	N/A	0.61	N/A	500	>200	>200	✓	0.79	N/A	N/A	N/A	N/A
8/L1	L/H blank plate far corner of meeting room	A	B	1	2.5	1.5	0.4	3871 MCB	2	16	9	N/A	1.95	N/A	N/A	N/A	N/A	0.65	N/A	500	>200	>200	✓	0.83	N/A	N/A	N/A	N/A
8/L2	Untraced	A	B	LIM	2.5	1.5	0.4	3871 MCB	2	6	9	N/A	5.20	N/A	N/A	N/A	N/A	LIM	N/A	500	LIM	>200	LIM	LIM	N/A	N/A	N/A	N/A
8/L3	Lighting male WC	A	B	2	1.5	1.0	0.4	3871 MCB	2	6	9	N/A	5.20	N/A	N/A	N/A	N/A	0.38	N/A	500	LIM	>200	✓	0.56	N/A	N/A	N/A	N/A
9/L1	R/H blank plate far corner of meeting room	A	B	1	2.5	1.5	0.4	3871 MCB	2	16	9	N/A	1.95	N/A	N/A	N/A	N/A	0.70	N/A	500	>200	>200	✓	0.88	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/TP	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/TP	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
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 of circuits and/or installed equipment vulnerable to damage when testing

Date(s) dead testing 01/07/2022 To 01/07/2022

Date(s) live testing 01/07/2022 To 01/07/2022

Tested by: Name (capital letters) MATTHEW PARKINSON Position Electrical Test Engineer Date 01/07/2022

Signature

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

ELECTRICAL INSTALLATION CONDITION REPORT - Schedule of Tests

for Industrial/Commercial Premises

FT/ EICR 419866

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

Company Name	Lantei Ltd	**Company Address**	Lantei Business Centre	**Postcode**	PR1 3NU	**Branch No.**	**Scheme No.** 502303
Client	Lancashire County Council	**Installation Address**	Accrington Union Street Office Main Building, Accrington Union Street Office, 44 Union Street, Accrington, Lancashire	**Postcode**	BB5 1PL		

Distribution board details - Complete in every case

Location: Basement plant room (Dorman smith)
Designation: DB 3 (Boiler)
Num. of ways: 6 Num. of phases: 1
Supply polarity confirmed: ☑ Phase sequence confirmed: ☐

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

Supply to distribution board is from: Sub Mains(SB1, 2/L1)
Overcurrent protective device for the distribution circuit: BS(EN) 60947 MCCB Type A Rating 40 A Voltage 230 V

Characteristics at this distribution board

Associated RCD(if any): BS (EN) N/A
Z_d 0.18 Ω No. of poles N/A
I_{pf} 1.27 kA IΔn N/A
Time delay (if applicable) N/A
Operating at 1 IΔn N/A ms (Above 30mA)
30mA or below
Operating at 5 IΔn N/A ms (if applicable)

Test instrument serial number(s)

Loop impedance 1008123102125400
Insulation resistance 1008123102125400
Continuity 1008123102125400
RCD 1008123102125400

CIRCUIT DETAILS / TEST RESULTS

Circuit No. and Line No.	Distribution board Designation / Circuit designation	Type of wiring	Ref. method	No. of points	Circuit conductors csa (mm²) L / N	Circuit conductors csa (mm²) CPC	Maximum disconnection	Overcurrent protective devices BS EN Number	Type No.	Rating (A)	Breaking capacity (KA)	RCD operating (mA)	BS 7671 Max. permitted Zs Other 100% (Ω)	Circuit impedance Ω: Ring final circuits only (measured end-to-end) r1	rn	r2	Fig 8 check (✓)	All circuits to be completed using R1R2 or R2, not both: R1 + R2	R2	Insulation resistance (Record lower reading) Test voltage V	L/L, L/N M(Ω)	L/E, N/E M(Ω)	Polarity (✓)	Max. Measured Zs (Ω)	RCD testing: Above 30mA IΔn ms	30mA or below 5 IΔn ms	Manual test button operation: RCD (✓)	AFDD (✓)
1/L1	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	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/L1	RCD socket below DB	D	B	1	2.5	2.5	0.4	3871 MCB	2	16	10	30	1.95	N/A	N/A	N/A	N/A	0.01	N/A	500	>200	>200	✓	0.21	32.5	16.5	✓	N/A
3/L1	Pump supply	D	B	1	2.5	2.5	0.4	3871 MCB	2	16	10	N/A	1.95	N/A	N/A	N/A	N/A	0.10	N/A	500	>200	>200	✓	0.28	N/A	N/A	N/A	N/A
4/L1	Lighting plant room	D	B	6	1.5	1.5	0.4	3871 MCB	2	6	10	N/A	5.20	N/A	N/A	N/A	N/A	0.27	N/A	500	>200	>200	✓	0.55	N/A	N/A	N/A	N/A
5/L1	Gas isolation valve	D	B	1	1.5	1.5	0.4	3871 MCB	2	6	10	N/A	5.20	N/A	N/A	N/A	N/A	0.12	N/A	500	>200	>200	✓	0.30	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	N/A

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

Date(s) dead testing 01/07/2022 To 01/07/2022

Date(s) live testing 01/07/2022 To 01/07/2022

Tested by: Name (capital letters) MATTHEW PARKINSON Position Electrical Test Engineer Date 01/07/2022

Signature

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

ELECTRICAL INSTALLATION CONDITION REPORT - Schedule of Tests

for Industrial/Commercial Premises

FT/EICR 419866

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

Company Name	Lantei Ltd	**Company Address**	Lantei Business Centre	**Postcode**	PR1 3NU	**Branch No.**	**Scheme No.** 502303
Client	Lancashire County Council	**Installation Address**	Accrington Union Street Office Main Building, Accrington Union Street Office, 44 Union Street, Accrington, Lancashire	**Postcode**	BB5 1PL		

Distribution board details - Complete in every case

Location: Basement plant room (Dorman smith)
Designation: MSFI Boiler panel
Num. of ways: 1 Num. of phases: 3
Supply polarity confirmed: ✓ Phase sequence confirmed: ✓

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

Supply to distribution board is from: Sub Mains(SB1, 1/TP)
Overcurrent protective device for the distribution circuit: BS(EN) 60947-2 MCCB Type A Rating 32 A Voltage 400 V
Time delay (if applicable): N/A

Characteristics at this distribution board

Associated RCD(if any): BS (EN): N/A
Z_d 0.22 Ω No. of poles N/A
I_{pf} 1.88 kA IΔn N/A
Operating at 1 IΔn N/A ms
30mA or below
Operating at 5 IΔn N/A ms
(if applicable)

Test instrument serial number(s)

Loop impedance: 1008123102125400
Insulation resistance: 1008123102125400
Continuity: 1008123102125400
RCD: 1008123102125400

CIRCUIT DETAILS / TEST RESULTS

Circuit No. and Line No.	Distribution board Designation / Circuit designation	Type of wiring	Ref. method	No. of points	Circuit conductors csa (mm²) L / N	Circuit conductors csa (mm²) CPC	Maximum disconnection	Overcurrent protective devices BS EN Number	Type No.	Rating (A)	Breaking capacity (KA)	RCD operating (mA)	BS 7671 Max. permitted Zs Other 100% (Ω)	Circuit impedance Ω: Ring final circuits only (measured end-to-end) r1	rn	r2	Fig 8 check (✓)	All circuits to be completed using R1R2 or R2, not both: R1 + R2	R2	Insulation resistance (Record lower reading) Test voltage V	L/L, L/N M(Ω)	L/E, N/E M(Ω)	Polarity (✓)	Max. Measured Zs (Ω)	RCD testing: Above 30mA IΔn ms	30mA or below 5 IΔn ms	Manual test button operation: RCD (✓)	AFDD (✓)
1/TP	Boiler panel	D	B	1	10	10	5	88-2 HRC	gG	32	80	N/A	1.70	N/A	N/A	N/A	N/A	0.01	N/A	500	>200	>200	✓	0.24	N/A	N/A	N/A	N/A

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

Date(s) dead testing: 01/07/2022 To 01/07/2022

Date(s) live testing: 01/07/2022 To 01/07/2022

Signature

Tested by: Name (capital letters): MATTHEW PARKINSON Position: Electrical Test Engineer Date: 01/07/2022

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

ELECTRICAL INSTALLATION CONDITION REPORT - Schedule of Tests

for Industrial/Commercial Premises

FT/EICR 419866

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

Company Name	Lantei Ltd	**Company Address**	Lantei Business Centre	**Postcode**	PR1 3NU	**Branch No.**	**Scheme No.** 502303
Client	Lancashire County Council	**Installation Address**	Accrington Union Street Office Main Building, Accrington Union Street Office, 44 Union Street, Accrington, Lancashire	**Postcode**	BB5 1PL		

Distribution board details - Complete in every case

Location: Hallway store by the GF dis toilet
Designation: MSFI Fire
Num. of ways: 1 Num. of phases: 1
Supply polarity confirmed: ☑ Phase sequence confirmed: ☐

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

Supply to distribution board is from: Sub Mains(Main switch, 2/L1)
Overcurrent protective device for the distribution circuit: BS(EN) 88-2 HRC gG Type gG Rating 200 A Voltage 230 V

Characteristics at this distribution board

Associated RCD(if any): BS (EN) N/A
Z_d 0.11 Ω No. of poles N/A
I_{pf} 4.22 kA IΔn N/A
Time delay (if applicable) N/A
Operating at 1 IΔn N/A ms
Operating at 5 IΔn N/A ms
Above 30mA 30mA or below (if applicable)

Test instrument serial number(s)

Loop impedance 1008123102125400
Insulation resistance 1008123102125400
Continuity 1008123102125400
RCD 1008123102125400

CIRCUIT DETAILS / TEST RESULTS

Circuit No. and Line No.	Distribution board Designation / Circuit designation	Type of wiring	Ref. method	No. of points	Circuit conductors csa (mm²) L / N	Circuit conductors csa (mm²) CPC	Maximum disconnection	Overcurrent protective devices BS EN Number	Type No.	Rating (A)	Breaking capacity (KA)	RCD operating (mA)	BS 7671 Max. permitted Zs Other 100% (Ω)	Circuit impedance Ω Ring final circuits only (measured end-to-end) r1	rn	r2	Fig 8 check (✓)	All circuits to be completed using R1R2 or R2, not both R1 + R2	R2	Insulation resistance (Record lower reading) Test voltage V	L/L, L/N M(Ω)	L/E, N/E M(Ω)	Polarity (✓)	Max. Measured Zs (Ω)	RCD testing Above 30mA IΔn ms	30mA or below 5 IΔn ms	Manual test button operation RCD (✓)	AFDD (✓)
1/L1	Fire Alarm	H	C	1	1.5	5.4	0.4	88-2 HRC	gG	20	80	N/A	1.68	N/A	N/A	N/A	N/A	0.02	N/A	500	>200	>200	✓	0.13	N/A	N/A	N/A	N/A

Details of circuits and/or installed equipment vulnerable to damage when testing
Date(s) dead testing 01/07/2022 To 01/07/2022
Date(s) live testing 01/07/2022 To 01/07/2022

Tested by: Name (capital letters) MATTHEW PARKINSON Position Electrical Test Engineer Date 01/07/2022
Signature

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

Outcomes

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

In the outcome column use the codes above. Provide additional comment where appropriate. C1/C2/C3 and FI coded items to be recorded in section K of the condition report.

DB/CU Ref:	Entire Installation	DB/CU Location:	N/A

Item No.	Description	Outcome
1.0 CONSUMER UNIT/DISTRIBUTION BOARD(S)		
1.1	Adequacy of working space/accessibility to consumer unit/distribution board (132.12; 513.1)	✓
1.2	Security of fixing (134.1.1)	✓
1.3	Condition of enclosure(s) in terms of IP rating (Barriers etc) (416.2)	✓
1.4	Condition of enclosure(s) in terms of fire rating etc (421.1.6; 421.1.201; 526.5)	✓
1.5	Enclosure/obstacles not damaged/deteriorated so as to impair safety (651.2)	✓
1.5.1	Presence and effectiveness of obstacles (417.2)	✓
1.6	Presence of main linked switch (as required by 462.1.201)	✓
1.7	Operation of main switch (functional check) (643.10)	✓
1.8	Manual operation of circuit-breakers and RCD(s) (test button) to prove disconnection (643.10)	✓
1.9	Correct identification of circuit details and protective devices (514.8.1; 514.9.1)	✓
1.10	Presence of RCD six-monthly test notice at or near consumer unit/distribution board (514.12.2)	✓
1.11	Presence of non-standard (mixed) cable colour warning notice at or near equipment, where required (514.14)	✓
1.12	Presence of alternative supply warning notice at or consumer unit/distribution board (514.15)	N/A
1.13	Presence of other required labelling (Please specify) (Section 514)	N/A
1.14	Compatibility of protective devices, bases and other components; correct type and rating (no signs of unacceptable thermal damage, arcing or overheating) (411.3.2; 411.4; 411.5; 411.6; Sections 432; 433)	C3
1.15	Single-pole switching or protective devices in line conductors only (132.14.1, 530.3.3)	✓
1.16	Protection against mechanical damage where cables enter consumer unit/distribution board (132.14.1; 522.8.1; 522.8.5; 522.8.11)	✓
1.17	Protection against electromagnetic effects where cables enter ferromagnetic enclosures (521.5.1)	✓
1.18	RCD(s) provided for fault protection - includes RCBO(s)(411.4.204; 411.5.2; 531.2)	✓
1.19	RCD(s) provided for additional protection/requirements, where required - includes RCBO(s) (411.3.3; 415.1)	C2
1.20	Confirmation of indication that SPD is functional (651.4)	✓
1.21	Confirmation that ALL conductor connections, including connections to the busbars are correctly located in terminals and are tight and secure (526.1)	✓
1.22	Adequate arrangements where a generating set operates as a switched alternative to the public supply (551.6)	✓
1.23	Adequate arrangements where a generating set operates in parallel with the public supply (551.7)	N/A
2.0 FINAL CIRCUITS		
2.1	Identification of conductors (514.3.1)	C3
2.2	Cables correctly supported throughout their run (521.10.202; 522.8.5)	C3
2.3	Condition of insulation of live parts (416.1)	C2
2.4	Non-sheathed cables protected by enclosure in conduit, ducting or trunking. (521.10.1)	✓
2.4.1	To include the integrity of conduit and trunking systems (metallic and plastic)	✓
2.5	Adequacy of cables for current-carrying capacity with regard for the type and nature of installation (Section 523)	✓
2.6	Coordination between conductors and overload protective devices (433.1; 533.2.1)	✓
2.7	Adequacy of protective devices: type and rated current for fault protection (411.3)	✓
2.8	Presence and adequacy of circuit protective conductors (411.3.1; Section 543)	✓
2.9	Wiring system(s) appropriate for the type and nature of the installation and external influences (Section 522)	✓
2.10	Connected cables installed in prescribed zones (see Section D. Extent and limitations) (522.6.202)	✓
2.11	Cables concealed under floors, above ceilings or in walls/partitions, adequately protected against damage (522.6.204)	✓
2.12	**Provision of additional requirements for protection by RCD not exceeding 30 mA:**	
2.12.1	For all socket-outlets of rating 32 A or less unless exempt (4.11.3.3)	C2
2.12.2	For the supply of Mobile equipment not exceeding 32 A rating for use outdoors (411.3.3)	C2
2.12.3	For cables concealed in walls at a depth of less than 50 mm (522.6.202; 522.6.203)	C3
2.12.4	For cables concealed in walls/partitions containing metal parts regardless of depth (522.6.203)	✓
2.12.5	For circuits supplying luminaires within domestic (household) premises (411.3.4)	N/A
2.13	Provision of fire barriers, sealing arrangements and protection against thermal effects (Section 527)	✓
2.14	Band II cables segregated/separated from Band I cables (528.1)	✓
2.15	Cables segregated/separated from communications cabling (528.2)	✓
2.16	Cables segregated/separated from non-electrical services (528.3)	✓
2.17	**Termination of cables at enclosures - indicate extent of sampling in section d of the report (section 526)**	
2.17.1	Connections soundly made and under no undue strain (526.6)	✓

2.17.2	No basic insulation of a conductor visible outside enclosure (526.8)	C2
2.17.3	Connections of live conductors adequately enclosed (526.5)	C2
2.17.4	Adequately connected at point of entry to enclosure (glands, bushes etc.) (522.8.5)	✓
2.18	Condition of accessories including socket-outlets, switches and joint boxes (651.2 (v))	C2
2.19	Suitability of accessories for external influences (512.2)	✓
2.20	Adequacy or working space/accessibility to equipment (132.12; 513.1)	✓
2.21	Single-pole switching or protective devices in line conductors only (132.14.1; 530.3.3)	✓
3.0 ISOLATION AND SWITCHING		
3.1	**Isolators (Section 460; 537)**	
3.1.1	Presence and condition of appropriate devices (462; 537.2.7)	✓
3.1.2	Acceptable location - state if local or remote from equipment in question (462; 537.2.7)	✓
3.1.3	Capable of being secured in the OFF position (462.3)	✓
3.1.4	Correct operation verified (643.10)	✓
3.1.5	Clearly identified by position and/or durable marking (537.2.6)	✓
3.1.6	Warning label posted in situations where live parts cannot be isolated by the operation of a single device (514.11.1; 537.1.2)	✓
3.2	**Switching off for mechanical maintenance (Section 464; 537.3.2)**	
3.2.1	Presence and condition of appropriate devices (464.1; 527.3.2)	✓
3.2.2	Acceptable location - state if local or remote from equipment in question (537.3.2.4)	✓
3.2.3	Capable of being secured in the OFF position (462.3)	✓
3.2.4	Correct operation verified (643.10)	✓
3.2.5	Clearly identified by position and/or durable marking (537.3.2.4)	✓
3.3	**Emergency switching/stopping (465; 537.3.3)**	
3.3.1	Presence and condition of appropriate devices (Section 465; 537.3.3; 537.4)	✓
3.3.2	Readily accessible for operation where danger might occur (537.3.3.6)	✓
3.3.3	Correct operation verified (643.10)	✓
3.3.4	Clearly identified by position and/or durable marking (537.3.3.6)	C3
3.4	**Functional switching (section 463; 537.3.1)**	
3.4.1	Presence and condition of appropriate devices (537.3.1.1; 537.3.1.2)	✓
3.4.2	Correct operation verified (537.3.1.1; 537.3.1.2)	✓
4.0 CURRENT-USING EQUIPMENT (PERMANENTLY CONNECTED)		
4.1	Condition of equipment in terms of IP rating etc (416.2)	✓
4.2	Equipment does not constitute a fire hazard (Section 421)	✓
4.3	Enclosure not damaged/deteriorated so as to impair safety (134.1.1; 416.2; 512.2)	✓
4.4	Suitability for the environment and external influences (512.2)	✓
4.5	Security of fixing (134.1.1)	✓
4.6	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)	✓
4.7	**Recessed luminaires (downlighters)**	
4.7.1	Correct type of lamps fitted (559.3.1)	✓
4.7.2	Installed to minimize build-up of heat by use of "fire rated" fittings, insulation displacement box or similar (421.1.2)	✓
4.7.3	No signs of overheating to surrounding building fabric (559.4.1)	✓
4.7.4	No signs of overheating to conductors/terminations (526.1)	✓
5.0 PART 7 SPECIAL INSTALLATIONS OR LOCATIONS		
7.01	If any special installations or locations are present, list the particular inspections applied.	✓

Inspector's Name: Matthew Parkinson

Signature: 

Date: 01/07/2022

Generic Continuation

Reason for Producing this Report:
to impair the safety of an electrical installation.

Agreed limitations and operational limitations:
R1+R2.
Not every circuit final termination was accessible. Therefore some readings were ascertained at next most practical point in the circuit.
Insulation resistance of circuits was tested in accordance with regulation 643.3 on circuits where it was impracticable to disconnect the load.

Operational Limitations:
All testing/inspection carried out to BS 7671 amendment 1.

General Conditions of the Electrical Installation:
earth for the installation is provided by a 6mm conductor. The main water intake is located in the ground floor disabled toilet (room 3) under the sink and is bonded with a 16mm conductor. The main gas intake is located in the boiler room basement on the LHS wall and is bonded with a 16mm conductor.

The building is used for commercial purposes and should be subject to an Inspection and Test every 5 years in accordance with table 3.2 in guidance note 3.

The inspection comprised of looking for any breakages in cables. Identifying any wear and tear or deterioration. Identification of any signs of overheating on switch gear. Accessories and wiring systems were inspected to see if there were any missing parts i.e., covers or screws. Where possible any loose connections or fixings have been tightened or re terminated. I can confirm that access to switch gear was adequate. All Distribution Boards and switch gear were inspected, and all doors and enclosures were checked to make sure they were secure.

Electrical Installation Condition Report

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

Information for recipients:

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

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

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

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

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

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

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

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

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

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