ELECTRICAL INSTALLATION CONDITION REPORT

FT/ 419866

iromonto for Ele	atriaal Installations					
	ectrical Installations Viring Regulations					Lar
etails of the Ins	stallation					
Client	Lancashire	County Council	Insta	llation	Accrington	Union Street Office Main Buildin
Address	PO Box 78 County Hall Preston Lancashire		Addr	ess	Accrington 44 Union S Accrington Lancashire	
Postcode	PR1 8XJ		Post	code	BB5 1PL	
eason for Proc	lucing this Repor	rt This form is to be use	d only for ronarti	ing on the condition of	on ovicting i	notallation
						likelyPlease see Continuation Pag
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		ting were carried out 01/07/2		to 01/07/2022		
		e Subject of this Repo				
Description of prer			Industrial	Other (please specify	y)	
Estimated age of the		20	years	if Vac' actimated		
Evidence of alterat		Yes V No	Not apparent	if 'Yes', estimated 5	yea	rs
Records of installa		Yes V No	Records held by	Quartz Elec		
Date of last inspec	tion 05/09/2018	Electrical Ins	stallation Certificate	No. or previous Inspection	Report No.	11113421
xtent of Electri	cal Installation C	overed by this Report				
A fixed wire test o	of all sub-mains and all	l lighting and power final circu	lits. With a visual in	spection within the constra	ints of the limita	ations.
Agreed Limitatio	ns and Operational L	imitations (Regulations 653	3.2)			
Agreed Limitation		imitations (Regulations 653	3.2)			
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Agreed Limitation Unable to access Where an electric exposed and extri Circuits not locate Agreed with: Pau The inspection ar amended to 202 It should be noted th unless specifically ag ummary of the General condition The origin of supp earthing configura Overall assessme *An UNSATISFAC Commendatio Where the overal classified as 'Dar observations ider consideration. Sul eclaration I/we being the per above, having exe and the attached s of this report. Company	s: the sealed incoming d al installation can't be aneous conductive par d within a reasonable ul Standish ad testing detailed with 0 at cables concealed with greed between the client Condition of the s of the installation (in obly is located within the tation. Supply conducto ant of the installation in troRY assessment ind assessment of the s anger present' (code C ntified as 'Further Inve object to the necessary son(s) responsible for precised reasonable skil schedules, provides ar Lantei Ltd Lantei Business Ce	device. Ze and Ipf was taken a isolated from the supply, the rts could be raised to a dange amount of time designated a hin this report and accompar- in trunkings and conduits, under and inspector prior to the inspect Installation terms of electrical safety) a hallway store by the ground rs are 50mm. Ze and Ipf were terms of its suitability for con licates that dangerous (code C suitability of the installation fo c) or 'Potential dangerous' (estigation required' (code FI) remedial action being taken, the inspection and testing of II and care when carrying out n accurate assessment of the	at the nearest access protective and main rous level above ex- s " Circuit not founce mying schedule has floors, in roof spaces tion. An inspection sho floor disabled toilet e ascertained from the tinued use C1), or potentially da pr continued use al (code C2) are acte). Observations cla l/we recommend the the electrical install the inspection and c condition of the electrical install the inspection and the electrical install the electrical install the inspection and the electrical install the electrical install the inspection and the electrical install the	n bonding conductors must arth potential. " with limitations of any liv s been carried out in accord and generally within the fabric ould be made within an access at the front of the building. the load side of the main sy ngerous (code C2), Further bove is stated as UNSATI: d upon as a matter of urgo ssified as <i>'Improvement re</i> at the installation is further lation (as indicated by my/or testing hereby declare that corrical installation taking in Inspected and teste	NOT be disco e testing and - rdance with BS of the building o sible roof space h . This is a three witch. The main SATISFACT investigation (c SFACTORY I/ ency. Investigate commended' inspected and bur signatures h the informatio to account the	A section without delay is recommended A section without delay A section
Agreed Limitation Unable to access Where an electric exposed and extra Circuits not locate Agreed with: Pau The inspection ar amended to 202 It should be noted th unless specifically ag ummary of the General condition The origin of supp earthing configura Overall assessme *An UNSATISFAC ecommendatio Where the overal classified as 'Dar observations ider consideration. Sul eclaration I/we being the per above, having exe and the attached so of this report. Company Address	s: the sealed incoming d al installation can't be aneous conductive par d within a reasonable ul Standish ad testing detailed with 0 at cables concealed with greed between the client Condition of the s of the installation (in bly is located within the tation. Supply conducto int of the installation in TORY assessment ind the installation in TORY assessment of the s <i>nger present'</i> (code C ntified as <i>'Further Inve</i> bject to the necessary son(s) responsible for ercised reasonable skill schedules, provides ar Lantei Ltd Lantei Business Ce Preston,	device. Ze and Ipf was taken a isolated from the supply, the rts could be raised to a dange amount of time designated a hin this report and accompar- in trunkings and conduits, under and inspector prior to the inspect Installation terms of electrical safety) a hallway store by the ground rs are 50mm. Ze and Ipf were terms of its suitability for con licates that dangerous (code C suitability of the installation fo c) or 'Potential dangerous' (estigation required' (code FI) remedial action being taken, the inspection and testing of II and care when carrying out n accurate assessment of the	at the nearest access protective and main rous level above ex- s " Circuit not founce mying schedule has floors, in roof spaces tion. An inspection sho floor disabled toilet e ascertained from the tinued use C1), or potentially da pr continued use al (code C2) are acte). Observations cla l/we recommend the the electrical install the inspection and c condition of the electrical install the inspection and the electrical install the electrical install the inspection and the electrical install the electrical install the inspection and the electrical install the	n bonding conductors must arth potential. " with limitations of any liv s been carried out in accord and generally within the fabric ould be made within an access at the front of the building. the load side of the main sy ngerous (code C2), Further bove is stated as UNSATI: d upon as a matter of urgo ssified as <i>'Improvement re</i> at the installation is further lation (as indicated by my/or testing hereby declare that corrical installation taking in Inspected and teste	NOT be disco e testing and - rdance with BS of the building o sible roof space h . This is a three witch. The main SATISFACT investigation (c SFACTORY I/ ency. Investigate commended' inspected and bur signatures h the informatio to account the	Innected as under fault conditions the -Please see Continuation Page S 7671: 2018 (IET Wiring Regulation or underground have NOT been inspected housing other electrical equipment. In -Please four wire supply with a TN/S inPlease see Continuation Page TORY UNSATISFACTORY Code FI) conditions have been identified we recommend that any observation ation without delay is recommended (code C3) should be given due I tested by 01/07/2027 (d) below), particulars of which are descriated extent and limitations in section Authorised for issue by Rob Walsh

ELECTRICAL INSTALLATION CONDITION REPORT

FT/ 419866 EICR

for Industrial/	Commercial Premises	
	for Electrical Installations (IET Wiring Regulations 18th Edition)	intei
H. Schedule(s)	
	edule(s) of inspection and 7 schedule(s) of test results are attached.	
The attach	ned schedule(s) are part of this document and this report is valid only when they are attached to it.	
I. Supply Cha	aracteristics 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 polarit	.у 🗸
Pro	spective fault current, $I_{pf}^{(2)}$ 4.50 kA External loop impedance, $Z_e^{(2)}$ 0.10 Ω	
	Protective Device BS (EN) LIM Type LIM Rated Current LIM A	
No. of Add	litional Supplies N/A	
J. Particulars	s 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	ode
Location	Electrode resistance to earth Ω Maximum Demand (load) N/A Amps H	KVA 🗌
	Main Protective Conductors Material csa (\checkmark) or Value (\checkmark) or Value	lue
	Earthing Conductor Steel 6 Continuity Verified V 0.01 Ω Connection Verified V	Ω
Protective Bond	ding Conductor (to extraneous-conductive-parts) Copper 16 Continuity Verified V 0.02 Ω Connection Verified V 0.04	Ω
Main Suppl	Image: Solution productor Copper 50 (connection / continuity) (\checkmark) or Value (\checkmark) or Value	Value
Main Switc	h Location Hallway store by the ground floor dis Water installation V 0.01 Ω To structural steel NA N/A	AΩ
Fuse/device	e rating or setting 200 A Voltage rating 400 V Gas installation pipes \checkmark 0.02 Ω To lightning protection MA N/A	AΩ
If RCD main		
BS(EN) 54	19 Isolator No. of Poles 4 Current Rating 200 A Rated time delay N/A ms Measured operating trip time N/A	ms
K. Observatio	Explanation of codes	
	to the attached schedule of inspection and test results, and subject to the Danger present. Risk of Injury. Immediate remedial action req	uired.
limitations	at Section D. OPtion D. Potentially dangerous. Urgent remedial action required.	
No re	emedial work required Improvement recommended.	
▼ The	following observations are made	
	·	
Item No.	Observations 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	Code
1	and they are dead at the time of testing. Location: DB1 Regulation: 464.2	G
	Observation: There are no visible warning labels near the MET connection.	G
2	Location: MET, gas bond, water bond Regulation: 514.13.1	
	Observation: Electrical accessories have not been labelled up correctly.	B
3	Location: Various electrical accessories Regulation: 514.8 – 537.3.36	
	Observation: No additional protection by means of an RCD with a rated residual operating current not exceeding 30 mA, is being provided for socket	0
4	circuits with a rated current not exceeding 32A. Location: DB1 6L1, 6L2, 6L3, 7L1, 8L1, 8L2, 8L3, 13L3	
	Regulation: 411.3.3 & 415.1	
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	(1)
	Observation: Untraced circuits should have their circuit designations verified. All readings taken at the light switch below DB1.	•
6	Location: DB2 8L3 Regulation: 514.8.1	
	Observation: Socket face plate is cracked/smashed. Socket is in very poor condition.	0
7	Location: Socket in corridor by ANTE room 6 Regulation: 416.2 & 651.1	-
	Observation: Type AC RCD are being used to supply accessories where there is a presence of DC components. Advised to upgrade due to	
8	amendment 2 of BS 7671 to type A or B. Location: Installation Regulation: 531.3.3, 411.3.2.1, 411.3.3	

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ELECTRICAL INSTALLATION CONDITION REPORT

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Requirements for Electrical Installations

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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	
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	
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	
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	
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	

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.

O Danger present. Risk of Injury. Immediate remedial action required.	0										
Potentially dangerous. Urgent remedial action required.	4										
Improvement recommended.											
Further Investigation required without delay	2										
The above values are a total cou	unt of Observation per outcome										

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for Industrial/Commercial Premises

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

Outcomes															
	Ceptable Indition: Unacceptable condition: State Improvement recommended: Further Investigation: Not Verified: Limitation: Not Applicable: Improvement Improvement recommended: Improvement Investigation: File Improvement Not Applicable: Improvement Improvement Improvement File Improvement Improvement Improvement Improvement File Improvement Improvement Improvement Improvement File Improvement Improvement Improvement Improvement File Improvement Improvement Improvement Improvement File Improvement Improvement Improvement Improvement File Improvement Improvement Improvement Improvement Improvement Improvement Improvement Improvement Improvement Improvement														
						Δ									
Item No.	Descri	ption	·	· · · · · · · · · · · · · · · · · · ·				Outcome							
		•	ipment (Visual Ins	paction Only) Who		are encountered	it is recommende								
person or	dering th	e report informs t	he appropriate aut	hority		are encountered,	it is recommende								
1.1	Servic	e cable													
1.2	Servic	e head													
1.3	_	ng arrangement													
1.4	Meter														
1.5	_	ng equipment													
1.6	_	or (where present)	Sources Of Supply												
2.0 Parane			where a generating		witched alternative	to the public supp	lv (551 6)								
2.2	_		where a generating												
		connection Of Sup				11 9 ()									
3.1	Main e	arthing/bonding ar	rangements (411.3;	Chap 54)											
3.1.1	Prese	nce of distributor's e	earthing arrangeme	nt (542.1.2.1; 542.1	.2.2)										
3.1.2	Preser	nce of installation e	arth electrode arran	gement (542.1.2.3)											
3.1.3		, ,	nductor size (542.3;	,											
3.1.4	Adequacy of earthing conductor connections (542.3.2) Accessibility of earthing conductor connections (543.3.2) Adequacy of main protective bonding conductor sizes (544.1)														
3.1.5	Adequacy of main protective bonding conductor sizes (544.1)														
3.1.6	Adequacy of main protective bonding conductor sizes (544.1) Adequacy and location of main protective bonding conductor connections (543.3.2; 544.1.2)														
3.1.7	Adequacy and location of main protective bonding conductor connections (543.3.2; 544.1.2) Accessibility of all protective bonding connections (543.3.2)														
3.1.0	Accessibility of all protective bonding connections (543.3.2)														
3.1.9															
		•	here any of the me	,	vare employed det	tails should be p	rovided on separa	te sheets)							
4.1		onducting location													
4.2	-	-	ntial bonding (418.2))											
4.3	Electri	cal separation (Sec	ction 413; 418.3)												
4.4	_	e insulation (Sectio	/												
4.5		rced insulation (Se	ction 412)												
5.0 Distrib	_	-													
5.1		, 01	ce/accessibility to e	quipment (132.12;	513.1)										
5.2		ty of fixing (134.1.1	,												
5.3 5.4		tion of insulation of acy/security of bar	,												
5.5		, ,	in terms of IP rating	1 etc (416 2)											
5.6	_		in terms of fire ratin		.1.201: 526.5)										
5.7	_		deteriorated so as to												
5.8			ess of obstacles (41												
5.9	Prese	nce of main switch(es), linked where re	quired (462.1; 462.	1.201; 462.2)										
5.10	Opera	tion of main switch	(es) (functional cheo	k) (643.10)											
5.11	_		it-breakers and RCI												
5.12	_		test button/switch c				643.10)								
5.13	-		protection – include												
5.14	<u> </u>	, 1	tional protection / re	•	•	() (3; 415.1)								
5.15 5.16	_		nthly test notice at o narts or schedules a												
5.16	_	-	d (mixed) cable colo				(514 14)								
5.18			upply warning notice	-			(~ · · · · /)								
5.19	_		on recommendation		.,	(,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,									
5.20	_	•	ed labelling (please s	· /	4)										
5.21	Comp	atibility of protective	e device, base and c eating) (411.3.2; 411	other components;	correct type and rat		nacceptable therma								
5.22	1		protective devices in												
5.23	_	-	nical damage where												
5.24		-	magnetic effects wh	nere cables enter fe	rromagnetic enclos	ures (521.5.1)									
6.0 Distrib	ution Ci	rcuits													

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

6.1	Identification of conductors (514.3.1)	G										
6.2	Cables correctly supported throughout their run (521.10.202; 522.8.5)	3										
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)											
	numbers and locations of items inspected (Section 526) Presence, operation and correct location of appropriate devices for isolation and switching (Chapter 46; 537)											
6.23	Presence, operation and correct location of appropriate devices for isolation and switching (Chapter 46; 537)											
6.23 6.24	General condition of wiring systems (651.2)											
6.24	General condition of wiring systems (651.2) Temperature rating of cable insulation (522.1.1; Table 52.1)											

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for Industrial/Commercial Premises

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Company	/ Name Lantei Ltd				C	ompany	y Addr	ess Lantei Bu	sines	s Cent	re				Postco	de PR1	3NU		Bran	ch No.				Schem	ne No.	502303		
Client La	ancashire County Council					Installa	tion A				n Stree	et Office	e Main Buil	ding, Acc	rington L	Jnion Str	eet Offi	ce, 44 U	nion Stre	et, Accri	ngton,	Po	stcod	le BB5	1PL			
									cashir																			
Distributio	n board details - Complete in	every	case					the distribution le installation	n boa	rd is r	ot cor	nected	directly			cs at this			oard				st insti	rument	serial n	umber(s)	
Location	Hallway store by the GF dis to	ilet (Do	rman Srr	ith)		-		n board is from						Asso N/A		CD(if any):	BS (EN	l)	Operating	Al at 1 IAn	ove 30m	A if app	Loop i	mpedanc	e 10081	23102125	5400	
Designation						ν/A										Ω No.	of poles	-			A or belo					23102125		
Num. of wa		bhase	es 3			vercurrent		BS(EN) N/A						I _{pf} 4			N/A		perating a					Continuit	ty 10081	23102125	5400	
	polarity confirmed V Phase se		-	ed 🗸		rotective de le distributio		-	Rati	ing N/A	A	Voltag	e 400/23			applicable								RC	D 10081	23102125	5400	
cupp.j		squorio	0 0011111	••								0	0		, ,													
			CI	RCU	IT DE	TAILS													TE	ST RE	SUL	ГS						
ß	Distribution board Designation				Circuit c	onductors	0	Overcurrent		tive	Ω Φ	පි	BS 7671			Circuit impe	edance	0		Insul	ation resis	stance	-	Me_	RCD	testing	Manua	
Circuit and Line	ç	Type	Ref	No.	csa	(mm²)	disco	devid			Breaking capacity	RCD operating	Max. permitted	Diana							rd lower r	1	Polarity	Max. Aeasured	Above	30mA or	button o	
_ine	Main switch	9	me	of p			/axii		Type	(A)	lity	D Bu	Zs Other		final circui ured end-		Fig 8	All circu complet	ed using	Test voltage	L/L, L/N	L/E, N/E	rity	red 7	30mA I∆n	below 5 I∆n	RCD	AFDD
N NO	Circuit designation	wiring	Ref. method	of points	L'N	CPC	Maximum	BS EN Number	Type No.) ing	(KA)	(mA)	(Ω)	r1	rn	r2		R1R2 or R R1 + R2	2, not both R2	v	M(Ω)	M(Ω)	(~)	Zs (Ω)	ms	ms	(√)	(√)
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		N/A	500	>200	>200	✓	0.10	N/A	N/A	N/A	N/A
2/L1	Sub Mains(MSFI Fire)	н	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
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Details o	f circuits and/or installed e	equip	ment v	ulnera	able to o	damage	when	testing	Dat	te(s) d	dead t	testing	01/07	/2022	То	01/07/2	022	Date	(s) live	testing		01/07/20)22	T	o 🗌	01/07	/2022	
]	Si	gnature	9		MA	2		-		
Tested b	ted by: Name (capital letters) MATTHEW PARKINSON Position Electrical Test Engineer												Date 0	1/07/202	2						4	10	Ð					
Wiring Types.	PVC/PVC, B PVC cables in metallic Conduit,	metallic Co	onduit, D PVC	cables in me	tallic trunkir	ng, E PVC cables in nor	n-metallio	c trunking	F PVC/S	WA cables,	G SWA/XPLE	cables, H M	ineral Insulat	ed, MW Metal	Work, FN	Ferrous Met	al, O Other											

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FT/ EICR 419866

for Industrial/Commercial Premises

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

Company	Name Lantei Ltd					C	ompany	y Addr	ess Lantei Bu	sines	s Cent	re				Postco	de PR1	3NU		Bran	ch No.				Schem	e No.	502303		
Client La	ancashire County Counc	il					Installa	tion A				n Stree	et Office	e Main Buil	ding, Acc	rington L	Jnion Stre	et Offi	ce, 44 U	nion Stre	et, Accri	ngton,	Po	stcoc	le BB5	1PL			
										cashir																			
Distributio	n board details - Comp	olete in	every	case					the distributior e installation	1 boa	rd is n	ot con	nected	l directly			cs at this			oard							umber(s		
Location	Hallway store by the G	F dis toi	let (Doi	man Sm	ith)		•		n board is from						Asso N/A	ciated RC	CD(if any):	BS (EN		Operating	At at 1 I∆n	ove 30m N/A m	A fap				23102125		
Designation	n SB1					5	Sub Mains(Main sw	itch, 1/TP)						Zd 0.	10 (Ω No.	of poles				A or belo					23102125		
Num. of wa	ys 6 N	lum. of	phase	s 3			vercurrent		BS(EN) 88-2 H	RC g0	3				I _{pf} 4.			N/A		perating	at 5 l∆n	V/A m	s ble)				23102125		
Supply		Phase se		-	ed 🗸	pr	otective de e distributio	on circuit	Type gG	Rati	ng 200	A	Voltag	e 400	/ Time	delay (if a	applicable)	N//							RCI	10081	23102125	400	
				CI	RCU	IT DE	TAILS													TE	ST RE	SUL	ГS						
ano	Distribution board Designa	tion	Туре	R	No.		onductors (mm²)	dis	Overcurrent devic		tive	Breaking capacity	RCD operating	BS 7671 Max.		C	ircuit impe	dance	Ω			ation resis d lower r		Po	Max. Measured	RCD	testing	Manua button op	
Circuit and Line	SB1		9,	Ref. m	<u>q</u>			Maximum disconnection		Тур	R	acity	ating	permitted Zs Other		inal circui ured end-		Fig 8 check	All circu complet		Test	L/L, L/N	L/E, N/E	Polarity	ured	Above 30mA	30mA or below	RCD	AFDD
© R No	Circuit designation		wiring	method	points	L'N	СРС	ectio	BS EN Number	Type No.	(A)	(KA)	(mA)	100% (Ω)	r1	rn	r2		R1R2 or R	2, not both	voltage			(~)	Zs (Ω)	l∆n ms	5 l∆n ms	(√)	(√)
1/TP	Sub Mains(MSFI Boiler	panel)		C	رم 1	10	SWA	5	60947 MCCB		32	25	N/A	1.58	N/A	N/A	N/A	(√) N/A	R1 + R2	R2 N/A	500	M(Ω)	M(Ω)	\checkmark	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	500	>200	>200	\checkmark	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	в	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	с	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	В	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	\checkmark	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 o	f circuits and/or insta	alled e	auipr	nent v	ulnera	able to o	damade	when	testina	Dat	e(s)o	lead t	esting	01/07/	2022	To	01/07/2	022	Date	e(s) live	testing		01/07/20)22	T		01/07	/2022	
			1				30		3		(.)									• •	gnature			1.1	2		*		
Tested b	y: Name (capital lett	ters)	M	ATTHE\	N PAR	KINSON] P	osition Electr	ical T	est En	gineer			Date 0	1/07/202	2		j		-		4	A	Ð				
Wiring Types.	PVC/PVC, B PVC cables in metallic	c Conduit, C	PVC cal	bles in non-	metallic C	onduit, D PVC	cables in met	tallic trunkir	ng, E PVC cables in nor	-metallio	c trunking	F PVC/S	NA cables,	G SWA/XPLE	cables, H M	neral Insulate	ed, MW Metal	Work, FM	Ferrous Met	al, O Other									

FT/ EICR 419866

for Industrial/Commercial Premises

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

Company	Name Lantei Ltd				C	ompan	y Addr	ess Lantei Bu	Isines	s Cent	re				Postco	de PR1	3NU		Bran	ch No.						502303		
Client La	ncashire County Council					Installa	tion A		ringto cashii		n Stree	t Office	e Main Buil	ding, Aco	crington l	Jnion Stre	eet Offi	ce, 44 U	nion Stre	et, Accri	ngton,	Po	stcod	le BB5	1PL			
Distributio	n board details - Complete in	0100	0260		0	omploto	only if t	the distributio	_		ot con	noctor	diractly	Char	actoricti	cs at this	dietri	bution k	oard				et inet	umont	corial n	umber(s	<u>,</u>	
Distributio		every	Lase					e installation	n boa	10 15 1		nected	unecuy			CD (if any):			Juaru	۵۲	oove 30m					123102125	,	
Location	Hallway store by the GF dis toi	let (Do	rman Sm	iith)				n board is from						N/A		ob(ii aiiy).			Operating	at 1 IΔn	V/A m			mpedanc resistanc		123102125		
Designation	DB 1					Sub Mains	SB1, 5/T	P)						Zd 0	.12	<u>Ω</u> No.	of poles	2			A or belo			Continuit		123102125		$ \rightarrow $
Num. of wa	ys 16 Num. of	phase	s 3			vercurrent rotective de	vice for	BS(EN) 60947	-					I _{pf} 3	.86	κA I∆n	N/A	0	perating a	at 5 I∆n [N/A m	s 🖲				123102125		
Supply	polarity confirmed V Phase se	quence	e confirm	ed 🗸		ne distributi		Туре А	Rati	ng 63	A	Voltag	e 400	/ Time	e delay (if a	applicable) N/J	Α						RU		23102120	9400	
			CI	RCU	IT DE	TAILS													TE	ST RE	SUL	TS						
and C	Distribution board Designation	Туре	_	7		onductors (mm²)	di	Overcurrent devic		tive	Bre	ope	BS 7671 Max.		C	Circuit impe	edance	Ω			ation resis rd lower r		P	Mea	RCD	testing	Manua button o	al test peration
Circuit d Line	DB 1	pe of	Ref. r	No. of	034		Maximum disconnection	devie	1		Breaking capacity	operating	permitted Zs Other		final circui		9 II		uits to be	Test	L/L,	L/E,	Polarity	Max. Aeasured	Above	30mA or	RCD	AFDD
	Circuit designation	fwiring	method	f points	5	СРС	necti	BS EN	Type N	(A)			100%	<u> </u>	sured end-	<u>,</u>	Fig 8 check		ted using R2, not both	voltage	L/N	N/E		Zs	30mA I∆n	below 5 l∆n		
· · ·		ng		nts	ż	1		Number	R.	<u> </u>	(KA)	(mA)	(Ω)	r1	rn	r2	(√)	R1 + R2	i	V	M(Ω)	M(Ω)	(~)	(Ω)	ms	ms	(√)	(√)
1/L1	Disabled call alert	A	В	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	В	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	в	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	В	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	В	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	в	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	В	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	в	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	в	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	в	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	в	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	в	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	в	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	В	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 o	Details of circuits and/or installed equipment vulnerable to damage when testing Date(s) dead testing 01/07/2													2022	То	01/07/2	022	Date	e(s) live	testing		01/07/20)22	Т	o 🗌	01/07	/2022	
																		Si	gnature	•		A	2		-			
Tested b	ted by: Name (capital letters) MATTHEW PARKINSON Position Electrical Test Engineer D												Date 🛛	1/07/202	2]				4	70	C					
Wiring Types. A	PVC/PVC, B PVC cables in metallic Conduit, C	PVC ca	bles in non-	metallic C	onduit, D PV0	cables in me	tallic trunkin	g, E PVC cables in no	n-metalli	c trunking	, F PVC/S	VA cables	G SWA/XPLE	cables, H N	lineral Insulat	ed, MW Metal	Work, FN	Ferrous Me	tal, O Other									

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Requirements for Electrical Installations

BS 7671:2018 (IET Wiring Regulations 18th Edition)

			CI	RCU	IT DE	TAILS													TE	ST RE	SUL	ſS						
and	Distribution board Designation	Туре		7		onductors (mm²)	dis	Overcurrent devic		ctive	Bre	ope	BS 7671 Max.		C	Circuit impe	edance	Ω			ation resis d lower re		Po	Max. Measur	RCD	testing		al test
Circuit d Line	DB 1	으	Ref. n	No. of			Max		Туре	ر ج	Breaking capacity	RCD operating	permitted Zs Other		final circui sured end-		Fig 8 check		its to be ed using	Test	L/L, L/N	L/E,	Polarity	ax. sured	Above 30mA	30mA or below	RCD	AFDD
it No. e No.	Circuit designation	wiring	method	points	L/N	СРС	Maximum	BS EN Number	be No.	(A)	(KA)	(mA)	100% (Ω)	r1	rn	r2	⊊∞ (√)		2, not both	voltage V	L/N M(Ω)	N/E M(Ω)	(√)	Zs (Ω)	l∆n ms	5 l∆n ms	(√)	(√)
6/L3	Socket leaflet room	А	В	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	\checkmark	0.91	N/A	N/A	N/A	N/A
7/L1	Sockets reception area	A	В	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	А	в	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	\checkmark	0.42	N/A	N/A	N/A	N/A
7/L3	Water heater disabled toilet	А	В	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	\checkmark	0.27	N/A	N/A	N/A	N/A
8/L1	RFC sockets conference room and corridor	A	в	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	В	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	в	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	в	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	\checkmark	0.32	N/A	N/A	N/A	N/A
9/L2	Water heater staff toilet	A	В	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	\checkmark	0.46	N/A	N/A	N/A	N/A
9/L3	Water heater kitchen	А	В	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	\checkmark	0.53	N/A	N/A	N/A	N/A
10/L1	Water heater disabled toilet	A	В	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	\checkmark	0.39	N/A	N/A	N/A	N/A
10/L2	Data cab	А	В	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	\checkmark	0.60	N/A	N/A	N/A	N/A
10/L3	Water heater kitchen	А	В	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	в	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	В	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	\checkmark	0.43	N/A	N/A	N/A	N/A
11/L3	Water boiler kitchen	А	В	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	А	В	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	В	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	\checkmark	0.75	N/A	N/A	N/A	N/A
13/L1	Lighting external lighting panel	А	в	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	В	4	2.5	1.5	0.4	3871 MCB	2	32	9	N/A	0.97	0.74	0.74	1.24	\checkmark	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 o	of circuits and/or installed e	equip	nent v	ulnera	able to (damage	when	testing	Dat	te(s) d	lead t	estinę	g 01/07/	2022	To	01/07/2	022	Date	e(s) live	testing		01/07/20	22	Т	0	01/07	7/2022	
Tested b	ed by: Name (capital letters) MATTHEW PARKINSON Position Electrical Test Engineer Date 01/07/2022]	Się	gnature		4	A	Ð		-						

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

NA/EICR/001

FT/ EICR 419866

for Industrial/Commercial Premises

Requirements for Electrical Installations

BS 7671:2018 (IET Wiring Regulations 18th Edition)

15/L1 SPARE N/A <				CI	RCU	IT DE	TAILS													TE	ST RE	SUL	rs _						
# # #	anc	Distribution board Designation	Тур	R	z			dis			tive	Brea cap	opera	Max.		C	Circuit impe	edance	Ω					Pol	Ma Meas	RCD	testing		
\$\begin{bmatrix} \$\begin{bmatrix} <th< td=""><td>)ircuit I Line</td><td>DB 1</td><td>으</td><td>ef. me</td><td>우</td><td></td><td></td><td>Maxi</td><td></td><td>Туре</td><td>Rat (A</td><td>acity</td><td>ating</td><td>Zs Other</td><td></td><td></td><td></td><td>Fig 8 chec</td><td>complet</td><td>ed using</td><td></td><td></td><td>L/E, N/E</td><td>arity</td><td>ured r</td><td>30mA</td><td>below</td><td>RCD</td><td>AFDD</td></th<>)ircuit I Line	DB 1	으	ef. me	우			Maxi		Туре	Rat (A	acity	ating	Zs Other				Fig 8 chec	complet	ed using			L/E, N/E	arity	ured r	30mA	below	RCD	AFDD
1511SPARENA	No. No.	Circuit designation	viring	thod	oints	L/X	СРС	num		No.	2) 2)	(KA)	(mA)		r1	rn	r2				-	M(Ω)	M(Ω)	(√)		1	1	(√)	
1512 SPARE N/A N/A <t< td=""><td>14/L3</td><td>Cooker</td><td>A</td><td>В</td><td>1</td><td>10</td><td>4</td><td>5</td><td>3871 MCB</td><td>2</td><td>40</td><td>9</td><td>N/A</td><td>0.78</td><td>N/A</td><td>N/A</td><td>N/A</td><td>N/A</td><td>0.27</td><td>N/A</td><td>500</td><td>>200</td><td>>200</td><td>✓</td><td>0.39</td><td>N/A</td><td>N/A</td><td>N/A</td><td>N/A</td></t<>	14/L3	Cooker	A	В	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
1513. Untarcoordinariality as a bia bia bia bia bia bia bia bia bia b	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						
SPARE NA	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						
Image: Sector of the sector	15/L3	Untraced circuit	A	В	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
Signature Man	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						
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	Details of	of circuits and/or installed	equip	ment v	ulner	able to	damage	when	testing	Dat	e(s) d	lead t	esting	01/07/	2022	To	01/07/2	022	Date				01/07/20)22	Т	o 🗌	01/07	/2022	
I ested by: Name (capital letters) MATTHEW PARKINSON Position Electrical Test Engineer Date 01/07/2022			_					_						_						Się	gnature	•	/	1A	2		-		
	Tested b	by: Name (capital letters)	М	ATTHE	W PAR	KINSON		_ P	Position Electr	rical T	est En	gineer		[Date 0	1/07/202	2						×.	1					

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FT/ 419866

for Industrial/Commercial Premises

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

Compan	/ Name Lantei Ltd				C	ompan	y Addr	ess Lantei Bu	isines	s Cent	re				Postco	de PR1	3NU		Bran	ch No.				Schem	ie No.	502303		
Client L	ancashire County Council					Installa	tion A		ringto cashi		n Stree	t Office	e Main Buil	ding, Acc	rington l	Jnion Stre	eet Offi	ce, 44 U	nion Stre	eet, Accri	ngton,	Po	ostcoo	BB5	1PL			
Distributio	n board details - Complete in	every	case					the distributio	n boa	rd is r	not con	nected	directly	Char	acteristi	cs at this	s distri	bution b	ooard				st inst	rument	serial n	umber(s)	
Location	Landing store at the top of the	stairs (Dorman :	Smith)				e installation							ociated RO	CD(if any):	BS (EN	I)	Operating	Al at 1 IAp	bove 30m		Loop i	mpedanc	e 10081	23102125	400	
Designatio	Ŭ Î					Sub Mains								N/A	18 (Ω No.	of poles	_			N/A m	⇒ Ins	sulation	resistanc	e 10081	23102125	400	
Num. of wa		phase	es 3			vercurrent		BS(EN) 60947	MCC	В				I _{pf} 3			N/A		Operating			응		Continuit	ty 10081	23102125	400	
	polarity confirmed V Phase se	•	<u> </u>	ed 🗸		rotective de ne distribution		-	1	ng 63	A	Voltag	400 V	;		applicable								RC	D 10081	23102125	400	
			CI	RCU	IT DE	TAILS													TE	ST RI	SUL	ГS						
Circuit and Line	Distribution board Designation	Туре	Ref.	No		onductors (mm²)	Maximum disconnection	Overcurrent devic		tive	Breaking capacity	operating	BS 7671 Max. permitted		C	Circuit impe	edance	Ω			ation resis rd lower r		Polarity	Max. Measured	RCD	testing	Manua button o	peration
Line	DB 2	으		으			Maxi		Type	(A)	acity	ting	Zs Other		final circui ured end-		Fig 8 check		uits to be ted using	Test voltage	L/L, L/N	L/E, N/E	arity		Above 30mA	30mA or below	RCD	AFDD
No	Circuit designation	wiring	method	points		CPC	ction	BS EN Number	No	1 Jung	(KA)	(mA)	<u>100%</u> (Ω)	r1	rn	r2	× ∞ (√)	R1R2 or F	R2, not both	V	M(Ω)	M(Ω)	(~)	Zs (Ω)	l∆n ms	5 l∆n ms	(√)	(√)
1/L1	Lighting corridor	A	В	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	В	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	В	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	в	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	А	в	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	А	в	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	В	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	в	4	1.5	1.0	0.4	60898 MCB	в	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	в	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	В	1	2.5	1.5	0.4	3871 MCB	2	16	9	N/A	1.95	0.36	0.36	0.55	\checkmark	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	в	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	В	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	В	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	в	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	В	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 c	f circuits and/or installed e	quip	ment v	ulnera	able to	damage	when	testing	Dat	te(s)	dead t	esting	01/07/	2022	To	01/07/2	022	Date	e(s) live		·	01/07/20)22	T	0	01/07	/2022	
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FT/ EICR 419866

for Industrial/Commercial Premises

Requirements for Electrical Installations

BS 7671:2018 (IET Wiring Regulations 18th Edition)

			CI	RCU	IT DE	TAILS													TE	ST RE	SUL	۲S						
C	Distribution board Designation	Туре	7	No		onductors (mm²)	dis	Overcurrent devic		tive	Breaking capacity	RCD operating	BS 7671 Max.		C	Circuit impe	edance	Ω			ation resis d lower re		Po	Meas	RCD	testing		ial test operatior
Circuit d Line	DB 2	9	Ref. m				Max		Туре	Ra	aking acity	RCD	permitted Zs Other		final circui ured end-		Fig 8 check	All circu complete	its to be ed using	Test voltage	L/L, L/N	L/E, N/E	Polarity	Max. Measured	Above 30mA	30mA or below	RCD	AFDD
No.	Circuit designation	wiring	method	points	L/N	СРС	Maximum disconnection	BS EN Number	e No.	Rating (A)	(KA)	(mA)	<u>100%</u> (Ω)	r1	rn	r2	÷∞ (√)	R1R2 or R R1 + R2	2, not both R2	V	M(Ω)	M(Ω)	(√)	Zs (Ω)	l∆n ms	5 l∆n ms	(~)	(~)
6/L1	Water heater mens WC	A	в	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	В	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	С	1	4	4	0.4	60898 MCB	с	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	В	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	В	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	В	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	А	В	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	В	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	В	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	А	В	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
			<u> </u>		<u> </u>	<u> </u>									<u> </u>											<u> </u>		<u> </u>
Details o	of circuits and/or installed e	equip	ment v	ulner	able to	damage	when	testing	Dat	e(s) d	lead t	esting	01/07/	2022	То	01/07/2	022	Date	. ,	testing	-	01/07/20		Т	o 🗌	01/07	7/2022	
Tootad	Name (agrital latters)		ATT		KINCOL					a at E:								1	Się	gnature	2	4	A	Ð		-		
	by: Name (capital letters) A PVC/PVC, B PVC cables in metallic Conduit, o				KINSON		_	Position Electr		`	,				1/07/202]				1	/					

FT/ EICR 419866

for Industrial/Commercial Premises

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

Company	/ Name Lantei Ltd				C	ompan	y Addr	ess Lantei Bu	sines	s Cent	re				Postco	de PR1	3NU		Bran	ch No.				Schem	e No.	502303		
Client L	ancashire County Council					Installa	tion A				n Stree	t Office	e Main Buil	ding, Acc	rington l	Jnion Stre	et Off	ice, 44 U	nion Stre	et, Accri	ngton,	Po	stcoc	le BB5	1PL			
									cashir																			
Distributio	n board details - Complete in	every	case					the distribution e installation	n boa	rd is r	not con	nected	directly			cs at this			oard							umber(s		
Location	Basement plant room (Dormar	n smith)					n board is from						Asso N/A		CD(if any):	BS (EN	4) (Operating	At at 1 I∆n	ove 30m	~ 므	•	•		2310212		
Designatio	n DB 3 (Boiler)					Sub Mains	SB1, 2/L	.1)						Zd O		Ω No.	of poles				A or belo	= 1 INS	sulation			2310212		
Num. of wa	ys 6 Num. of	phase	es 1			vercurrent		BS(EN) 60947	MCCE	3				I _{pf} 1	.27	.A IΔn	N/A		perating	at 5 l∆n	V/A m	s ^{ble})				2310212		
Supply	polarity confirmed V Phase se	equenc	e confirm	ed		rotective de le distribution		Туре А	Rati	ng 40	A	Voltag	e 230 \	/ Time	delay (if a	applicable)	N/							RCI	D 10081	2310212	5400	
			CI	RCU	IT DE	TAILS													TE	ST RE	SUL	ГS						
Circuit and Line	Distribution board Designation	Туре	R	No.		onductors (mm²)	dis	Overcurrent devic		tive	Breaking capacity	RCD operating	BS 7671 Max.		C	Circuit impe	edance	Ω			ation resis rd lower r		Po	Max. Measured	RCD	testing	Manua button o	al test peration
lLin	DB 3 (Boiler)	우	Ref. m	으			Maximum disconnection		Туре	R	acity	RCD	permitted Zs Other		final circui ured end-		Fig 8 check	All circu complete	its to be	Test	L/L,	L/E,	Polarity	ured	Above 30mA	30mA or below	RCD	AFDD
e No	Circuit designation	wiring	method	points	L/N	СРС	ectio	BS EN	ve No	(A)	(KA)	(mA)	100% (Ω)	r1	rn	r2		R1R2 or R	2, not both	voltage	L/N	N/E	(√)	Zs	IΔn	5 l∆n	(√)	□ (√)
	-			-		i		Number	<u> </u>		- · ·						(√)	R1 + R2	i	V	M(Ω)	M(Ω)		(Ω)	ms	ms		
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
2/L1	RCD socket below DB	D	В	1	2.5	2.5	0.4	3871 MCB	2	16	10	30	1.95	N/A	N/A	N/A	N/A		N/A	500	>200	>200	 ✓ 	0.21	32.5	16.5	✓	N/A
3/L1	Pump supply	D	В	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	В	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	в	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	\checkmark	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
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Details o	f circuits and/or installed e	equip	ment v	ulnera	able to	damage	when	testing	Dat	e(s)	dead t	esting	j 01/07/	2022	То	01/07/2	022	Date	(s) live	testing		01/07/20)22	Т	0	01/07	7/2022	
]	Si	gnature)		KA	2	_	-		
Tested b	y: Name (capital letters)	М	ATTHE	N PAR	KINSON		P	osition Electr	ical T	est En	gineer			Date 0	1/07/202	2]				4	P	P				
Wiring Types.	PVC/PVC, B PVC cables in metallic Conduit,	C PVC ca	ibles in non-	metallic C	onduit, D PVC	cables in me	tallic trunkin	ig, E PVC cables in nor	n-metallio	c trunking	, F PVC/S	VA cables,	G SWA/XPLE	cables, H M	ineral Insulat	ed, MW Metal	Work, FN	I Ferrous Met	al, O Other									

FT/ EICR 419866

for Industrial/Commercial Premises

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

Company	/ Name	Lantei Ltd					C	ompany	y Addr	ess Lantei Bu	sines	s Cent	re				Postco	de PR1	3NU		Bran	ch No.				Schem	e No.	502303		
Client La	ancashire	e County Cou	ncil					Installa	tion A	ddress Acc	ringtoi cashir		n Stree	t Office	e Main Build	ding, Acc	rington l	Jnion Str	eet Offi	ce, 44 U	nion Stre	et, Accri	ington,	Po	stcod	le BB5	1PL			
Distributio	n board	I details - Cor	mplete in	every	case					the distribution	ı boa	rd is n	ot con	nected	I directly	Chara	acteristi	cs at this	s distri	bution t	oard			Те	st insti	rument s	serial n	umber(s	;)	
Location	Base	ement plant roo	m (Dormar	smith)				•		e installation							ciated R0	CD(if any):	: BS (EN)	Operating	Al at 1 IAp	bove 30m/ N/A ms	A (if ap	Loop i	mpedance	e 10081	2310212	5400	
Designation		I Boiler panel		,				Sub Mains								N/A Zd 0.	22	<u>Ω</u> No.	of poles				N/A min		sulation	resistance	e 10081	23102125	5400	
Num. of wa			Num. of	phase	s 3			vercurrent		BS(EN) 60947	-2 MC	СВ				I _{pf} 1.			N/A		perating a		N/A ms	<u> </u>				23102128		
		onfirmed 🗸	Phase se		-	ed 🗸		otective de e distributio		Туре А	Rati	ng 32	A	Voltag	e 400 V	Time	delay (if a	applicable				L				RCI) <u>10081</u>	23102125	5400	
					CII	RCU	IT DE	TAILS													TE	ST RI	ESULI	ſS						
ano	Distributio	on board Desig	nation	Тур	R	No.		onductors (mm²)	dis	Overcurrent devic		tive	Brea cap	RCD operating	BS 7671 Max.		C	Circuit imp	edance	Ω			ation resis		Pol	Ma Meas	RCD	testing	Manua button o	
Circuit and Line	MSFI Bo	oiler panel		Type of wiring	Ref. method	b. of points			Maximum disconnection		Type No.	Rating (A)	Breaking capacity	RCD	permitted Zs Other 100%		final circui ured end-		Fig 8 check	complet	uits to be ted using	Test voltage	L/L, L/N	L/E, N/E	Polarity	Max. Measured Zø	Above 30mA I∆n	30mA or below 5 l∆n	RCD	AFDD
	Circuit de	esignation		iring	thod	oints	Ľ,	СРС	num	BS EN Number	No.) ng	(KA)	(mA)	(Ω)	r1	rn	r2	(√)	R1R2 or F	R2, not both	v	Μ(Ω)	Μ(Ω)	(√)	(Ω)	ms	ms	(√)	(√)
1/TP	Boiler p	anel		D	В	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
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Details o	f circuit	ts and/or in	stalled e	equipr	nent v	ulnera	able to (damage	when	testing	Dat	e(s) c	lead t	esting	01/07/	2022	To	01/07/2	2022	Date	e(s) live	testing	3	01/07/20)22	To	0	01/07	7/2022	—
																						gnature			KA	2	_			
Tested b	y: Nam	ne (capital le	etters)	M	ATTHEV	V PAR	KINSON		P	osition Electr	ical T	est En	gineer		[Date 0	1/07/202	2						4	yo	Ð				
Wiring Types.	PVC/PVC,	B PVC cables in met	tallic Conduit,	C PVC cal	bles in non-i	metallic Co	Conduit, D PVC cables in metallic trunking, E PVC cables in non-metallic trunking, F PVC/SWA cables, G SWA/XPLE cable									WA/XPLE cables, H Mineral Insulated, MW Metal Work, FM Ferrous Metal, O Other														

FT/ EICR 419866

for Industrial/Commercial Premises

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

Company	Name Lantei Ltd					C	ompan	y Addr	ess Lantei Bu	sines	s Cent	re				Postco	de PR1	3NU		Bran	ch No.				Schem	e No.	502303		
Client La	ncashire County Coun	cil					Installa	tion A		ringtoi cashir		n Stree	t Office	e Main Buile	ding, Acc	rington L	Jnion Str	eet Off	ce, 44 U	Inion Stre	eet, Accri	ington,	P	ostcod	le BB5	1PL			
Distributior	n board details - Com	plete in	every	case					the distributio	ו boa	rd is n	ot con	nected	directly	Char	acteristi	cs at this	s distri	bution I	board			Те	st inst	rument	serial n	umber(s)	
Location	Hallway store by the	GE dis to	ilot						e installation								CD(if any):	BS (EN	I)	o	A	bove 30m. N/A m:	A 🗐	Loop i	mpedanc	e 10081	2310212	5400	
		GF uis to	liet				Sub Mains		n board is from						N/A		N			Operating	at 1 I∆n	N/A m	s pplic In	sulation	resistanc	e 10081	2310212	5400	
Designation		N					vercurrent	(main ow	BS(EN) 88-2 H		、				Z _d 0.			of poles		Derating	30m at 5 IAp D	N/A or below	× able		Continuit	y 10081	2310212	5400	
Num. of way		Num. of		<u> </u>		p	otective de		-		ng 200		Voltag	220	_{pf} 4.			N/A		operating		N/A m	s		RCI	10081	23102125	5400	
Supply p	olarity confirmed	Phase se	equence	e confirm	ed	th	e distributi	on circuit	: Type go	Ttau	19 <u>200</u>	^	Voltag	e 230 V	lime	delay (if a	applicable) N/.	Α										
				CI	RCU	IT DE	FAILS													TE	ST RE	SUL	٢S						
ano	Distribution board Design	ation	Тур		No.	Circuit c	onductors (mm²)	dis	Overcurrent devic		tive	Breaking capacity	RCD	BS 7671 Max.		C	Circuit imp	edance	Ω		Insul	ation resis rd lower re	stance	Po	Max. Measured	RCD	testing	Manua button o	al test peration
Circuit and Line	MSFI Fire		Type of wiring	Ref. method	D. Of			Maximum disconnection		Туре	R	acity	RCD	permitted Zs Other		final circui ured end-		Fig 8 check		uits to be ted using	Test	L/L,	L/E,	Polarity	ured	Above 30mA	30mA or below	RCD	AFDD
	Circuit designation		wirin	letho	. of points	L/N	СРС	ectio	BS EN	ve No	Rating (A)	(KA)	(mA)	100% (Ω)	r1	rn	r2		R1R2 or F	R2, not both	voltage	L/N	N/E	(~)	Zs	IΔn	5 l∆n	(√)	0 (√)
	Tine Alexan		ш Н	C C	i0i 1	2 1.5	5.4	0.4	Number	gG						N/A	N/A	(√) N/A	R1 + R2	Ť.	V	M(Ω)	M(Ω)	\checkmark	(Ω)	ms	ms N/A		
1/L1	Fire Alarm				·	1.5	5.4	0.4	88-2 HRC	gG	20	80	N/A	1.68	N/A	IN/A	IN/A	N/A	0.02	N/A	500	>200	>200	•	0.13	N/A	IN/A	N/A	N/A
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Details of	circuits and/or ins	talled e	auipr	nent v	ulner	able to r	lamade	when	testing	Dat	e(s) c	l lead t	estino	01/07/	2022	To 🗌	01/07/2	022	Date	e(s) live	testing	1 1	01/07/2	022	і П Т(01/07	/2022	
			Jubi				annage			Dut			Sound				51/01/2	~~~		• •	gnature		SHOTE	10					
Tested by	: Name (capital let	tters)	M	ATTHE\	V PAR	KINSON		P	osition Electr	ical T	est En	gineer		[Date 0	1/07/202	2		i		0		4	A	H				
Wiring Types. A	PVC/PVC, B PVC cables in metal	llic Conduit,	C PVC cal	bles in non-	metallic C	onduit, D PVC	cables in me	tallic trunkin	ng, E PVC cables in nor	n-metallio	trunking,	, F PVC/SV	VA cables,	G SWA/XPLE	cables, H Mi	ineral Insulate	ed, MW Meta	Work, FN	Ferrous Me	tal, O Other									

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ELECTRICAL INSTALLATION CONDITION REPORT - DB Inspection Schedule

for Industrial/Commercial Premises

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

	cceptable	Unacceptable condition: State	Improvement recommended:	Further Investigation:	Not Verified:	Limitation:	Not Applicable:	
		C1 or C2	СЗ	FI	NV		NA	
the ou	itcome colum	n use the codes above	Provide additional com	ment where appropria	te. C1/C2/C3 and FI co	oded items to be reco	orded in section K of the co	ndition repo
/CU F	Ref: Entire	Installation		DB/CU Location:	N/A			
n No.	. Descri	ption						Outcor
		-						
1.1		NIT/DISTRIBUTION	ce/accessibility to co	nsumer unit/distrib	ution board (132.1)	2: 513 1)		
1.2	-	ity of fixing (134.1.1	,		duon board (152.12	2, 515.1)		
1.3		, ,	, in terms of IP rating	(Barriers etc) (416	.2)			
1.4			in terms of fire rating					
1.5	Enclo	sure/obstacles not c	amaged/deteriorate	d so as to impair s	afety (651.2)			
1.5.1	Prese	nce and effectivene	ss of obstacles (417	.2)				
1.6	Prese	nce of main linked s	witch (as required b	y 462.1.201)				
1.7	Opera	tion of main switch	(functional check) (6	43.10)				
1.8			it-breakers and RCD			n (643.10)		
1.9			rcuit details and prot	· · · · · ·				
1.10			thly test notice at or			- · ·	(54444)	
1.11			I (mixed) cable colou apply warning notice	-			(514.14)	
1.12			d labelling (Please s			1 (514.15)		
	Comp	•	- 1		,	rating (no signs of	f unacceptable thermal	
1.14			ating) (411.3.2; 411.			uting (no signo si		
1.15	Single	-pole switching or p	rotective devices in	line conductors on	ly (132.14.1, 530.3	3)		
1.16	Protect 522.8	•	nical damage where	cables enter cons	umer unit/distributio	on board (132.14.	1; 522.8.1; 522.8.5;	
1.17			magnetic effects wh		-			
1.18	,		protection - includes					
1.19	· ·		ional protection/requ		equired - includes F	RCBO(s) (411.3.3	; 415.1)	
1.20			that SPD is function	<u> </u>	and to the husbara	are correctly loss	ted in terminals and	
1.21		ht and secure (526				are correctly loca		
1.22		U	vhere a generating s	I			oly (551.6)	
1.23		-	vhere a generating s	et operates in para	allel with the public	supply (551.7)		
2.1		is	o (514.2.1)					
2.1			d throughout their ru	n (521 10 202· 52	2 8 5)			
2.3		tion of insulation of	<u> </u>	11 (021.10.202, 02.	2.0.0)			
2.4			ected by enclosure	n conduit, ducting	or trunking. (521.1)	0.1)		
2.4.1			conduit and trunking	-		,		
2.5	Adequ	lacy of cables for cu	irrent-carrying capac	ity with regard for	the type and nature	e of installation (S	ection 523)	
2.6	Coord	ination between co	nductors and overloa	d protective devic	es (433.1; 533.2.1)			
2.7		· ·	evices: type and rate	•	. ,			
2.8			of circuit protective c	· · ·	. ,			
2.9			ate for the type and				on 522)	
2.10			d in prescribed zone	`		, , ,		
2.11			loors, above ceilings	•			mage (522.6.204)	
<mark>2.12</mark> 2.12.1			equirements for pr ating 32 A or less unl	-		111A.		
2.12. 2.12.2			equipment not excee	• •	/	1 3 3)		
2.12.2			alls at a depth of les					
2.12.4			alls/partitions contai					
2.12.5			inaires within domes	<u> </u>	•			
2.13			sealing arrangement			ts (Section 527)		
2.14			d/separated from Ba	•	-	,		
2.15	Cable	s segregated/separ	ated from communic	ations cabling (528	3.2)			
2.16	Cable	s segregated/separ	ated from non-electr	cal services (528.3	3)			
2.17	Termi	ination of cables a	t enclosures - indic	ate extent of sam	pling in section d	of the report (se	ection 526)	

ELECTRICAL INSTALLATION CONDITION REPORT - DB Inspection Schedule

for Industrial/Commercial Premises

Requirements for Electrical Installations

BS7671:2018+A2:2022 (IET Wiring Regulations 18th Edition)

Lantei

2.17.2	No basic insulation of a conductor visible outside enclosure (526.8)	(2)
2.17.3	Connections of live conductors adequately enclosed (526.5)	0
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))	(2
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 ISOLAT	ON AND SWITCHING	
3.1	Isolators (Section 460; 537)	
3.1.1	Presence and condition of appropriate devices (462; 537.2.7)	\bigcirc
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)	Ø
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)	Ŏ
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)	3
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)	
3.4.1	Correct operation verified (537.3.1.1; 537.3.1.2)	
	VT-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)	
	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:	Signature: 01/07/2022	

ELECTRICAL INSTALLATION CONDITION REPORT

Requirements for Electrical Installations

BS 7671:2018 (IET Wiring Regulations 18th Edition)

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.