

Electrical Installation Condition Report

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

Information for recipients:

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

The person ordering the report should have received the original report and the inspector should have retained a duplicate.

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

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

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

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

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

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

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

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



Electrical Installation Condition Report

for Domestic and Similar Premises up to 100 A

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NA/	7	4	8	4	0	0	0	0	0	1	1	0	3
EICR											Pag	e 2	of 6

Λ	Details of the Installation												
^	Client	P BLADES		Ins	tallation	P BLADES							
	Address	4 HILLGART ELVINGTON YORK		Ad	dress	38 MELROSEG YORK	GATE						
	Postcode	YO41 4BD		Po	stcode	YO31 0SD							
B	Reason for p		report This form is	s to be used only	for reporting on the con	dition of an existi	ng installation.						
	Date(s) on which the	e inspection and testir	g were carried out 09/0	8/2021	to 09/08/2021								
	Details of ins Description of premi- Estimated age of the Evidence of alteratio Records of installatio	ses Domestic wiring system ons or addition	Commercial 25 Yes No No No	of this report Industrial years Not apparent Records held by	Other (please speci	fy) years							
	Date of last inspection	on 15/10/2014	Electrical	Installation Certifica	te No. or previous Inspectio	n Report No. 25490	07						
	Extent of electrical	installation covered	by this report:		Agreed Limitations and C	nerational Limitatio	ons (Regulations 653 2)						
ט	ALL CIRCUITS TES				NO REMOVAL OF CUPBO	•	, ,						
	Operational limitatio	ns including the reaso	ns see page no 1		Agreed with: PB								
	It should be noted th	nat cables concealed versions specifically agreed	vithin trunkings and cond	duits, under floors, ir		within the fabric of the	118 amended to e building or underground have not an accessible roof space housing						
E		the condition of the installation (in to	of the installatio erms of safety)	n									
			erms of its suitability for o		dangerous (code C2), Furthe	SATISFACTORY r investigation (code l	*UNSATISFACTORY						
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 to 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 Not Specified (daily commendations)												
G	Declaration I/we being the person(s) responsible for the inspection and the 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 limitate in section D of this report.												
	Company	Esselle Electrical			Inspected and test	-	Authorised for issue by						
	Membership No.	7484		Name:	Stephen Liddell	Stephen Liddell							
	Address	6 Wolviston Avenue,	York, North Yorkshire	Signature:									
	Postcode	YO10 3DD		Position: Date:	09/08/2021	09/08	8/2021						
	Sobodulo(o)												

schedule(s) of inspection and 1

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.



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_	
	Supply characteristics and earthing arrangements
•	Earthing Arrangements TN-S V TN-C-S TT Other Please specify
	Number & Type of live conductors AC ✓ DC No. of phases 1 No. of wires 2
	Nature of Supply Parameters (Note: (1) by enquiry, (2) by enquiry or by measurement)
	Nominal voltage, U/U₀ (¹) 230 v Nominal frequency, f(¹) 50 H₂ Confirmation of polarity ✓
	Prospective fault current, $I_{pf}^{(2)}$ 1.08 kA External loop impedance, $Z_{e}^{(2)}$.22 Ω Or Z_{db} Source of Circuit
	Supply Protective Device BS (EN) 1361 Type 2 Rated Current 60 A
	Other Sources of Supply (as detailed on attached schedule)
_	Deutienten of installation referred to in this new out
_	Particulars of installation referred to in this report
	Details of installation Earth Electrode (where applicable) Type (e.g. rod(s), tape etc) Means of Earthing
	Location
	Main Protective Conductors Material csa (✓) or Value Maximum Demand (load) 60 Amps ✓ KVA
	Earthing Conductor Copper 10 Ω (connection / continuity) (\checkmark) or Value
	Protective Bonding Conductor (to extraneous-conductive-parts) Copper 10 Water installation Ω To structural steel Ω O To lightning protection Ω O To lightning protection Ω
	Gas installation pipes V 12 To lightning protection 12
	Main Supply Conductor Copper 16 Oil installation pipes Ω Other Ω Main Switch Location KITCHEN
	Fuse/device rating or setting 100 A Voltage rating 400 V BS(EN) 60947-3 No. of Poles 2 Current Rating 100 A
	If RCD main switch: Rated residual operating current I Δn mA Rated time delay ms Measured operating trip time ms
	Traced time delay in the measured operating time time in the measured operating tip time in the measured operating tip time.
	•
K	Observations Explanation of codes
	Referring to the attached schedule of inspection and test results, and subject to the Danger present. Risk of Injury. Immediate remedial action required.
	limitations at Section D. Potentially dangerous. Urgent remedial action required.
	No remedial work required Improvement recommended.
	The following observations are made
	Item No. Observations Code
	DB : 4.4 Condition of enclosure(s) in terms of fire rating etc (421.1.201; 526.5) - CU in a domestic household premises is not metal or installed in a
	non-combustible cabinet, showing no signs of thermal damage, located in the sole means of escape for a dwelling area (421.1.201)
	One of the above 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.
	Danger present. Risk of Injury. Immediate remedial action required.
	Potentially dangerous. Urgent remedial action required.
	③ Improvement recommended.
	Further Investigation required without delay



Acceptable condition:

Electrical Installation Condition Report Inspection Schedule

for Domestic and Similar Premises up to 100 A

Improvement recommended:

Unacceptable condition: State

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Limitation:

Not Applicable:

Requirements for Electrical Installations - BS 7671:2018 (IET Wiring Regulations 18th Edition) All items inspections to confirm as appropriate, compliance with the relevant clauses in BS 7671:2018 **Outcomes**

Further Investigation:

Not Verified:

V		C1 or C2	or C2 C3 FI C C3 C3 C3 C3 C3 C3 C3 C4 C5		N/A		
the outcon	ne column us	e the codes above. Prov	ide additional comment w	vhere appropriate. C1/C2/	C3 and FI coded items to	o be recorded in section K o	of the condition repo
n No.	Descript	ion					Outco
			ent (Visual Inspection propriate authority		equacies are encou	ntered, it is recomme	nded that the
1.1	Service c	_					
1.2	Service h						
1.3	Earthing a	arrangement					
1.4	Meter tail						Q.
1.5	Metering	equipment					Q
1.6		where present)					(N/
2.0	Presence	Of Adequate Arrang	ements For Other So	ources Such As Micro	generators (551.6; 55	51.7)	(N/
Earthing		g Arrangements (41			,	,	
3.1	Presence	and condition of dis	tributor's earthing arra	angement (542.1.2.1;	542.1.2.2)		Q
3.2	Presence	and condition of ear	th electrode connecti	on where applicable (542.1.2.3)		(W
3.3	Provision	of earthing/bonding	labels at all appropria	ate locations (514.13.	1)		Q
3.4	Confirma	tion of earthing cond	uctor size (542.3; 543	3.1.1)			Q
3.5	Accessibi	lity and condition of	earthing conductor at	MET arrangement (5	43.3.2)		Q
3.6	Confirma	tion of main protectiv	e bonding conductor	sizes (544.1)			Q
3.7	Condition	and accessibility of	main protective bond	ing conductor/connec	tions (543.3.2; 544.1	.2)	₹
3.8		•		ing connections (543.	3.1; 543.3.2)		
Consun		/ Distribution Board					
4.1	Adequacy	of working space/a	ccessibility to consum	ner unit/distribution bo	ard (132.12; 513.1)		\sim
4.2		of fixing (134.1.1)					\sim
4.3	Condition	of enclosure(s) in te	rms of IP rating etc (4	416.2)			✓
4.4	Condition	of enclosure(s) in te	rms of fire rating etc	(421.1.201; 526.5)			•
4.5	Enclosure	e not damaged/deter	orated so as to impai	ir safety (651.2)			✓
4.6	Presence	of main linked switc	h (as required by 462	2.1.201)			\sim
4.7	Operation	of main switches (fu	unctional check) (643	.10)			₹
4.8	Manual o	peration of circuit-bre	eakers and RCD(s) to	prove disconnection	(643.10)		✓
4.9	Correct ic	lentification of circuit	details and protective	e devices (514.8.1; 51	4.9.1)		✓
4.10	Presence	of RCD six-monthly	test notice at or near	consumer unit/distrib	ution board (514.12.2	2)	✓
4.11	Presence	of non-standard (mi	xed) cable colour war	rning notice at or near	consumer unit/distril	bution board (514.14)	\sim
4.12				near consumer unit/d	listribution board (514	4.15)	(V
4.13			elling (please specify	, ,			$\qquad \qquad \bigvee$
4.14	damage,	arcing or overheating	g) (411.3.2; 411.4; 41 ⁻	1.5; 411.6; section 43	2.433)	signs of unacceptable	
4.15				onductor only (132.14			
4.16	Protection 522.8.11)		damage where cable	es enter consumer un	it/distribution board (132.14.1; 522.8.1; 522.	
4.17						rd/enclosures (521.5.1)	
4.18		·		3Os (411.4.204; 411.5			\sim
4.19				nents - includes RCB0	Os (411.3.3; 415.1)		
4.20			SPD is functional (65				N/
4.21	tight and	secure (526.1)				located in terminals an	
4.22			<u> </u>	erates as a switched	<u> </u>	117 ()	N/
4.23		arrangements wher	e a generating set op	erates in parallel with	tne public supply (55	o1./)	
Final Ci		tion of oracle trace (T	14.2.4)				
5.1		tion of conductors (5		11 10 202 522 0 5			
5.2			oughout their run (52	. 1. 10.202; 522.8.5)			NV
5.3 5.4		of insulation of live	,	adult duation as to select	ing Intossituat	inmont (F04.40.4)	
				nduit, ducting or trunki		mment (321.10.1)	
5.4.1				ems (metallic and pla	,	ation (Section F22)	
5.5 5.6				th regard for the type		auon (Secuon 523)	
				tective devices (433.			
5.7 5.8				rent for fault protection			
5.8				ctors (433.3.1; Section re of the installation ar		s (Section 522)	
0.0	vviing sy	otoring) appropriate	or the type and natur	o or the motaliation al	a catornal influences	(30000011 322)	



Electrical Installation Condition Report Inspection Schedule

for Domestic and Similar Premises up to 100 A

Requirements for Electrical Installations - BS 7671:2018 (IET Wiring Regulations 18th Edition) All items inspections to confirm as appropriate, compliance with the relevant clauses in BS 7671:2018

NA/	7	4	8	4	0	0	0	0	0	1	1	0	3	
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14/41 11	appropriate, compliance with the relevant clauses in BS 7671:2018										
5.10	Concealed cables installed in prescribed zones (see Section	n D. Extent and limitations) (522.6.202)	MV								
5.11	Cables concealed under floors, above ceilings or in walls/p: Extent and limitations) (522.6.204)	artitions, adequately protected against damage (see Section D.	MV								
5.12	Provision of additional requirements for protection by I	RCD not exceeding 30 mA									
5.12.1	for all socket-outlets of rating 32 A or less, unless an excep										
5.12.2	For the supply of mobile equipment not exceeding 32 A rati	ng for use outdoors (411.3.3)	Ø								
5.12.3	for cables concealed in walls at a depth of less than 50 mm	,	Ø								
5.12.4	for cables concealed in walls/partitions containing metal pa		Ø								
5.12.5	for circuits supplying luminaires within domestic (household) premises (411.3.4)									
5.13	Provision of fire barriers, sealing arrangements and protect										
5.14	Band II cables segregated/separated from Band I cables (5	, ,									
5.15	Cables segregated/separated from communications cabling	(528.2)									
5.16	Cables segregated/separated from non-electrical services (528.3)									
5.17	Termination of cables at enclosures - indicate extent of	sampling in Section D of the report (Section 526)									
5.17.1	Connections soundly made and under no undue strain (526	.6)									
5.17.2	No basic insulation of a conductor visible outside enclosure	(526.8)									
5.17.3	Connections of live conductors adequately enclosed (526.5										
5.17.4	Adequately connected at point of entry to enclosure (glands	s, bushes etc.) (522.8.5)									
5.18	Condition of accessories including socket-outlets, switches	and joint boxes (651.2(v))									
5.19	Suitability of accessories for external influences (512.2)										
5.20	Adequacy of working space/accessibility to equipment (132	.12; 513.1)									
5.21	Single-pole switching or protective devices in line conducto	rs only (132.14.1, 530.3.3)									
6.0 Locatio	n(s) Containing A Bath Or Shower										
6.1	Additional protection for all low voltage (LV) circuits by RCE										
6.2	Where used as a protective measure, requirements for SEL										
6.3	Shaver sockets comply with BS EN 61558-2-5 formerly BS	,									
6.4	Presence of supplementary bonding conductors, unless no										
6.5	Low voltage (e.g. 230 volt) socket-outlets sited at least 3 m										
6.6	Suitability of equipment for external influences for installed	,									
6.7	Suitability of accessories and controlgear etc. for a particular	,									
6.8	Suitability of current-using equipment for particular position	within the location (701.55)									
	Part 7 Special Installations Or Locations	anarataly the recults of particular inspections applied									
7.01	List all other special installation or locations, if any (record s										
8.0 Sche	dule of Tests Results to be recorded on Schedule of	Test Results									
8.1 Ext	ternal earth loop impedance, Ze	8.9 Insulation Resistance between Live Conductors	Yes								
8.2 Ins	tallation earth electrode	8.10 Insulation Resistance between Live Conductors & Earth	Yes								
8.3 Pro	ospective fault current, lpf	8.11 Polarity (prior to energisation)	Yes								
8.4 Coi	ntinuity of Earth Conductors Yes	8.12 Polarity (after energisation) including phase sequence	Yes								
8.5 Coi	ntinuity of Circuit Protective Conductors Yes	8.13 Earth Fault Loop Impedance	Yes								
8.6 Coi	ntinuity of ring final circuit Yes	8.14 RCDs / RCBOs including selectivity	Yes								
	ntinuity of Protective Bonding Conductors	8.15 Functional testing of RCD devices									
	It drop verified (%)	8.16 Functional testing of AFDD(s) devices	Yes								
0.0 701	it drop verified	0.10 I directional testing of Al DD(5) devices									
Inspector	's Name: Stephen Liddell	Signature:									
Date:	09/08/2021										



Electrical Installation Condition Report Test Schedule

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NA/	7	4	8	4	0	0	0	0	0	1	1	0	3
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11/1																												
Client	PBLADES		Installation Address 38 MELROSEGATE, YORK Postcode YO31 0SD																									
Distrib	ution board details - Complete in	every	case		C	Complete	only if	the distributio	n boa	rd is n	ot con	nected	d directly t	o the o	rigin of th	e install	ation				Те	st insti	rument	serial n	umber(s	5)		
Locatio	n KITCHEN								S	upply to	distribu	ition bo	ard is from	Ch	aracteris	tics at th	nis dis	tribution board				Loop	impedar	nce 074	71445			
Design						Overcurrent protective d		No. of phases	т.			DO/EN	n	Ass	ociated R0	D(if any):	BS (EN			bove 30m	0) 1116	ulation	resistar	nce 074	71445			
_	f ways 18				f	or the distri	bution	1 Nominal Voltage	Rat	ype		BS(EN	1)	A Z _d		Ω No.	of pole		g at 1 l∆n	m:	<u></u>	Continuity 07471445						
	. naye					,,, out.	Suppl	y polarity confirm		_	aco coa	uence c	confirmed	I _{pf}		kA I∆r		Operating		nA or below ms	-		R	CD 074	71445			
							Зиррі	y polarity commit			ase seq	uerice c	Johnned	Tim	e delay (if a	applicable)											
			CI	RCU	IT DE	TAILS												TE	ST RI	SUL1	rs							
Ci	Distribution board Designation	Э				conductors	<u>a</u> .	Overcurrent		tive	Bre	ope	BS 7671 Max.		C	ircuit imp	edance	Ω		ation resis		P	Mea V	RCD testing		Manua button o		
Circu nd Lin	DB1	Type of	Ref.	No. of	csa	(mm²)	Scon	devi			aking	RCD	permitted Zs Other		final circui		유피	All circuits to be	Test	rd lower re	L/E,	Polarity	Max. easured	Above	30mA or	RCD	AFDD	
Φ ≓:	Circuit designation	f wiring	method	f points		Ω	aximum nection	BS EN	Type N	Rating (A)			80%	`	sured end-	<i>'</i>	Fig 8 check	completed using R1R2 or R2, not bot	voltage	L/N	N/E		Zs	30mA I∆n	below 5 l∆n			
N N O	1	ng	<u> </u>	nts -	ž	CPC		Number	No.	u I	(KA)	(mA)	(Ω)	r1	rn	r2	(✓)	R1 + R2 R2	V	M(Ω)	M(Ω)	(√)	(Ω)	ms	ms	(√)	(✓)	
1	Spare													N/A	N/A	N/A	N/A					N/A			<u> </u>	N/A	N/A	
2	Spare													N/A	N/A	N/A	N/A					N/A			<u> </u>	N/A	N/A	
3	Spare													N/A	N/A	N/A	N/A					N/A			<u> </u>	N/A	N/A	
4	Spare													N/A	N/A	N/A	N/A					N/A			<u> </u>	N/A	N/A	
5	Spare													N/A	N/A	N/A	N/A					N/A			<u> </u>	N/A	N/A	
6	Smokes	Α	С	8	1	1	0.4	61009	В	6	6	30	5.82	N/A	N/A	N/A	N/A	.60	230	>200	>200	✓	.82	47	11	✓	N/A	
7	Lights Up	Α	С	9	1	1	0.4	61009	В	6	6	30	5.82	N/A	N/A	N/A	N/A	.61	230	>200	>200	✓	.81	49	11	✓	N/A	
8	Lights Down	Α	С	9	1	1	0.4	61009	В	6	6	30	5.82	N/A	N/A	N/A	N/A	.31	230	>200	>200	✓	55	39	08	✓	N/A	
9	Cooker	Α	С	2	6	2.5	0.4	60898	В	32	6	30	1.10	N/A	N/A	N/A	N/A	.12	230	>200	>200	✓	.36	28	08	✓	N/A	
10	Skt Ring Circuit	Α	С	7	2.5	1.5	0.4	60898	В	32	6	30	1.10	.28	.28	.47	N/A	.21	230	>200	>200	✓	.39	28	08	✓	N/A	
11	Electric Shower	Α	С	1	6	2.5	0.4	60898	В	32	6	30	1.10	N/A	N/A	N/A	N/A	.11	230	>200	>200	✓	.32	28	08	✓	N/A	
12	Skt Ring Circuit	Α	С	8	2.5	1.5	0.4	60898	В	32	6	30	1.10	.27	.27	.49	N/A	.23	230	>200	>200	✓	.41	28	08	✓	N/A	
13	Skt Ring Circuit	Α	С	7	2.5	1.5	0.4	60898	В	32	6	30	1.10	.29	.29	.51	N/A	.25	230	>200	>200	✓	.43	28	08	✓	N/A	
14	Skt Radial	Α	С	1	4	1.5	0.4	60898	В	16	6	30	2.18	NA	NA	NA	N/A	.31	230	>200	>200	✓	.53	28	08	✓	N/A	
15														N/A	N/A	N/A	N/A					N/A				N/A	N/A	
16														N/A	N/A	N/A	N/A					N/A				N/A	N/A	
17														N/A	N/A	N/A	N/A					N/A				N/A	N/A	
18														N/A	N/A	N/A	N/A					N/A				N/A	N/A	
Detai	stails of circuits and/or installed equipment vulnerable to damage when testing Date(s) dead testing 09/08/2021 To 09/08/2021 Date(s) live testing 09/08/2021 To 09/08/2021																											
	JIT 6 SMOKES	quipi	ileilt v	unici	able to	damage	5 WITCH	rtesting	Dat	.0(3)	icau i	Count	03/00/	2021	10	03/00/2	021	· · · · · ·	ignature		03/00/20	, ,	- ''		03/00	#Z0Z1	-	
Teste	d by: Name (capital letters)	ST	EPHEN	N LIDD	ELL		F	Position					[Date 0	9/08/202	1			J									
Wiring ¹	Types. A PVC/PVC B PVC cables in n	netallic	Conduit	C PVC	cables ir	n non-meta	allic Conc	luit D PVC cable	es in m	etallic T	runkina	E PVC					SWA ca	ibles G SWA/XPI	E cables	H Mineral	Insulated	O Oth	ner					
9	,										9																	