

Electrical Installation Condition Report

Requirements for Electrical Installations - BS7671:2018 (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	0	5	2
EICR							F	Page	2 0	of 6			

Λ	Details of the	Installation										
A	Client	R DAWSON	Ins	stallation	R DAWSON							
	Address	HARDCASTLE PROPERTIES 305 HULL ROAD YORK	Ad	dress	HARDCASTLE PROPERTIES 23 NICHOLAS STREET YORK							
	Postcode	YO10 3LU	Ро	stcode	YO10 3EQ							
B	Reason for pi LANDLORDS CERT	roducing this report This form is to	be used only	for reporting on the cond	dition of an existing	g installation.						
	Date(s) on which the	inspection and testing were carried out 18/12/20)20	to 18/12/2020								
C	Description of premis Estimated age of the Evidence of alteration Records of installatio Date of last inspectio	wiring system 25 y ns or addition Yes No	Industrial /ears Not apparent Records held by	Other (please specify if 'Yes', estimated 6	years Report No.							
D	Agreed Limitations and Operational Limitations (Regulations 653.2) ALL CIRCUITS TESTED Agreed Limitations and Operational Limitations (Regulations 653.2) NO REMOVEL OF CUBOARDS OR FLOOR COVERINGS Operational limitations including the reasons see page no 1 Agreed with: RD The inspection and testing detailed within this report and accompanying schedule has been carried out in accordance with BS 7671: 2018 amended to											
E	been inspected unles other electrical equip Summary of t	at cables concealed within trunkings and conduits, so specifically agreed between the client and insperment. he condition of the installation of										
		of the installation in terms of its suitability for conti		dangerous (code C2), Further	SATISFACTORY investigation (code FI							
F	Recommendations Where the overall assessment of the suitability of the installation for continued use above is stated as UNSATISFACTORY I/we recommend that any observations classified as 'Danger present' (code C1) or 'Potential dangerous' (code C2) are acted upon as a matter of urgency. Investigation without delay is recommended for observations identified as 'Further Investigation required' (code FI). Observations classified as 'Improvement recommended' (code C3) should be given due consideration. Subject to the necessary remedial action being taken, I/we recommend that the installation is further inspected and tested by 18/12/2025 (date)											
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 limitatic in section D of this report.											
	Company	Esselle Electrical		Inspected and teste	ed by	Authorised for issue by						
	Membership No.	7484	Name:	Stephen Liddell	Stephe	en Liddell						
	Address	6 Wolviston Avenue, York, North Yorkshire	Signature: Position:	Inspector	Inspec	otor						
	Postcode	YO10 3DD	Date:	18/12/2020	18/12/	18/12/2020						
	Only advil (a)											

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	s and eart	thing arra	nger	nents					
•		Earthing Arrangements	s TN-S	TN-C-S	Т	Γ Other	Please	especify			
	Number &	Type of live conductors	s AC 🗸	DC N	lo. of pl	hases 1	No.	of wires 2			
	Nature of	Supply Parameters (Note: (1) by er	nquiry, (2) by	enquir	y or by measu	rement)				
		Nominal voltage, U/	'U ₀ ⁽¹⁾ 230	V		Nomin	al frequency, f ⁽¹⁾	50	H _z Confirm	mation of polarity 🔽	
	Pro	ospective fault current,	I _{pf} (2) 4.16	kA		External loop i	mpedance, Z _e ⁽²⁾	.06	Ω Or Z_{db} Source of Ω	Circuit	
	Supply	Protective Device BS	(EN) 1361		Ту	pe LIM	Rated Current	60	Α		
	Other Sou	rces of Supply (as deta	iled on attache	d schedule)							
_	Dantian	lana aftiratallat		4 4		4					
		lars of installat									
		installation Earth Ele	ctrode (wher						of Earthing		_
	Location			E		e resistance to	earth		Distributors facility	Installation Earth Ele	. =
	Main Pi	otective Conductors	Material	csa	(✓)	or Value			m Demand (load)	Amps	KVA
		Earthing Conductor	Copper	16			Ω (connection	•		<u>`</u>) or Value
		ve Bonding Conductor eous-conductive-parts)	Copper	10				iter installation		To structural steel	Ω
	•		0	05			Gas ins	stallation pipes	Ω To li	ghtning protection	Ω
		oly Conductor	Copper	25			Oil ins	stallation pipes	Ω Other		Ω
		ch Location HALLW ce rating or setting 1		A Voltage ra	ating 2	30 V	BS(EN) 60	0047.2	No. of Poles 2	Current Rating 10	οο Λ
			oo d residual opei			mA	Rated time de			operating trip time	00 A
	II KCD IIIa	iiii switcii. Rate	u residuai opei	raung current	ΙΔΠ	IIIA	Nated time di	ciay	ilis Measureu (operating trip time	1115
K	Observ	vations						Explanation	n of codes		
	Referring	to the attached schedul	le of inspection	and test resul	ts. and	subject to the		C1 Danger	present. Risk of Injury. Im	mediate remedial action	required.
		at Section D.	io oi iiiopootioi.	ana 1551 1554	,	oubject to the		Potentia	ally dangerous. Urgent rem	nedial action required.	
	—										
	No re	emedial work required						Improve	ement recommended.		
	✓ The f	following observations	are made					Further	Investigation required with	out delay	
	Itom No	Observations									Code
	item No.		enclosure(s) in	terms of fire r	atina et	o (421 1 201: 5	26.5) - CII in a d	omeetic house	shold premises is not me	etal or installed in a	
	1								a dwelling area (421.1.2		3
	2	DB: 5.1 Identification	of conductors	(514.3.1) - Lin	e condi	uctor(s) incorre	ctly identified by	colour code (ir	correct Line conductor	colour used) (514.3.1	
		(i))									
	One of the	above codes, as appr	opriate, has be	en allocated to	each (of the observati	ons made above	and/or anv at	tached observation she	ets to indicate to the I	person(s)
		e for the installation the						, , , , , , , , , , , , , , , , , , , ,		,	(-)
	Dan	ger present. Risk of I	niury Immed	iate remedial	action	required	1				
		<u> </u>	-			r required.	-				
	2 Pote	entially dangerous. U	rgent remedia	al action requ	ired.						
	Impr	ovement recommend	ded.				1, 2				
	Furt	her Investigation requ	uired without	delav							
	T GIT	nor invodigation requ	anou without	aciay							



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

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Outcomes Acceptable condition: State commended: Investigation: FI Or C2 Or C2 Or C3 Or C3 Or C4 Or C5 Or C5 Or C6 Or C7 OR C

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

em No.	Description	Outcom
	Condition Of Intake Equipment (Visual Inspection Only) Where inadequacies are encountered, it is recommended the	at the
1.1	Service cable	
1.2	Service head	
1.3	Earthing arrangement	
1.4	Meter tails	
1.5	Metering equipment	
1.6	Isolator (where present)	N/A
2.0	Presence Of Adequate Arrangements For Other Sources Such As Microgenerators (551.6; 551.7)	NA)
Earthing	/ Bonding Arrangements (411.3; Chap 54)	
3.1	Presence and condition of distributor's earthing arrangement (542.1.2.1; 542.1.2.2)	
3.2	Presence and condition of earth electrode connection where applicable (542.1.2.3)	N/A
3.3	Provision of earthing/bonding labels at all appropriate locations (514.13.1)	
3.4	Confirmation of earthing conductor size (542.3; 543.1.1)	Ø
3.5	Accessibility and condition of earthing conductor at MET arrangement (543.3.2)	
3.6	Confirmation of main protective bonding conductor sizes (544.1)	
3.7	Condition and accessibility of main protective bonding conductor/connections (543.3.2; 544.1.2)	
3.8	Accessibility and condition of other protective bonding connections (543.3.1; 543.3.2)	
	ner Unit(s) / Distribution Board(s)	
4.1	Adequacy of working space/accessibility to consumer unit/distribution board (132.12; 513.1)	
4.2	Security of fixing (134.1.1)	
4.3	Condition of enclosure(s) in terms of IP rating etc (416.2)	
4.4	Condition of enclosure(s) in terms of fire rating etc (421.1.201; 526.5)	(3)
4.5	Enclosure not damaged/deteriorated so as to impair safety (651.2)	
4.6	Presence of main linked switch (as required by 462.1.201)	
4.7	Operation of main switches (functional check) (643.10)	
4.8	Manual operation of circuit-breakers and RCD(s) to prove disconnection (643.10)	
4.9	Correct identification of circuit details and protective devices (514.8.1; 514.9.1)	
4.10	Presence of RCD six-monthly test notice at or near consumer unit/distribution board (514.12.2)	
4.11	Presence of non-standard (mixed) cable colour warning notice at or near consumer unit/distribution board (514.14)	
4.12	Presence of alternative supply warning notice at or near consumer unit/distribution board (514.15)	NA NA
4.13	Presence of other required labelling (please specify) (Section 514)	Ø
4.14	Compatibility of protective devices, bases and other components; correct type and rating (No signs of unacceptable thermal damage, arcing or overheating) (411.3.2; 411.4; 411.5; 411.6; section 432.433)	
4.15	Single-pole switching or protective devices in line conductor only (132.14.1; 530.3.3)	
4.16	Protection against mechanical damage where cables enter consumer unit/distribution board (132.14.1; 522.8.1; 522.8.5; 522.8.11)	
4.17	Protection against electromagnetic effects where cables enter consumer unit/distribution board/enclosures (521.5.1)	
4.18	RCD(s) provided for fault protection - includes RCBOs (411.4.204; 411.5.2; 531.2)	
4.19	RCD(s) provided for additional protection / requirements - includes RCBOs (411.3.3; 415.1)	
4.20	Confirmation of indication that SPD is functional (651.4)	NA
4.21	Confirmation that ALL conductor connections, including connections to busbars, are correctly located in terminals and are tight and secure (526.1)	
4.22	Adequate arrangements where a generating set operates as a switched alternative to the public supply (551.6)	(N/A)
4.23	Adequate arrangements where a generating set operates in parallel with the public supply (551.7)	NA)
Final Ci		
5.1	Identification of conductors (514.3.1)	3
5.2	Cables correctly supported throughout their run (521.10.202; 522.8.5)	M
5.3	Condition of insulation of live parts (416.1)	
5.4	Non-sheathed cables protected by enclosure in conduit, ducting or trunking. Integrity of containment (521.10.1)	
5.4.1	To include the integrity of conduit and trunking systems (metallic and plastic)	
5.5	Adequacy of cables for current-carrying capacity with regard for the type and nature of installation (Section 523)	
5.6	Coordination between conductors and overload protective devices (433.1; 533.2.1)	
5.7	Adequacy of protective devices: type and rated current for fault protection (411.3)	
5.8	Presence and adequacy of circuit protective conductors (433.3.1; Section 543)	
5.9	Wiring system(s) appropriate for the type and nature of the installation and external influences (Section 522)	



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NA/	7	4	8	4	0	0	0	0	0	1	0	5	2	
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	appropriate, compliance with the relevant clauses in BS 7071.2016		
5.10	Concealed cables installed in prescribed zones (see Section	on 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.	
5.12	Provision of additional requirements for protection by	RCD not exceeding 30 mA	
5.12.1	for all socket-outlets of rating 32 A or less, unless an excep	otion is permitted (411.3.3)	
5.12.2	For the supply of mobile equipment not exceeding 32 A rat	ing for use outdoors (411.3.3)	
5.12.3	for cables concealed in walls at a depth of less than 50 mm	n (522.6.202; 522.6.203)	
5.12.4	for cables concealed in walls/partitions containing metal pa	rts regardless of depth (522.6.203)	
5.12.5	for circuits supplying luminaires within domestic (household	7.1	
5.13	Provision of fire barriers, sealing arrangements and protect		
5.14	Band II cables segregated/separated from Band I cables (§	•	N/A N/A N/A
5.15	Cables segregated/separated from communications cablin	` '	NA)
5.16	Cables segregated/separated from non-electrical services		(NA)
5.17	Termination of cables at enclosures - indicate extent o	, , , ,	
5.17.1 5.17.2	Connections soundly made and under no undue strain (52)		
5.17.2	No basic insulation of a conductor visible outside enclosure	,	
5.17.3	Connections of live conductors adequately enclosed (526.9 Adequately connected at point of entry to enclosure (gland		
5.18	Condition of accessories including socket-outlets, switches		
5.19	Suitability of accessories for external influences (512.2)	and joint boxes (651.2(V))	
5.20	Adequacy of working space/accessibility to equipment (132)	2 12: 513 1)	
5.21	Single-pole switching or protective devices in line conductor		
	(s) Containing A Bath Or Shower	, (,,	
6.1	Additional protection for all low voltage (LV) circuits by RCI	O not exceeding 30 mA (701.411.3.3)	
6.2	Where used as a protective measure, requirements for SE	LV or PELV met (701.414.4.5)	
6.3	Shaver sockets comply with BS EN 61558-2-5 formerly BS	3535 (701.512.3)	
6.4	Presence of supplementary bonding conductors, unless no	t required by BS 7671:2018 (701.415.2)	
6.5	Low voltage (e.g. 230 volt) socket-outlets sited at least 3 m	from zone 1 (701.512.3)	N/A)
6.6	Suitability of equipment for external influences for installed	location in terms of IP rating (701.512.2)	
6.7	Suitability of accessories and controlgear etc. for a particul	ar zone (701.512.3)	
6.8	Suitability of current-using equipment for particular position	within the location (701.55)	
	nrt 7 Special Installations Or Locations		
7.01	List all other special installation or locations, if any (record		
8.0 Sched	lule of Tests Results to be recorded on Schedule of	Test Results	
8.1 Exte	rnal earth loop impedance, Ze	8.9 Insulation Resistance between Live Conductors	Yes
8.2 Insta	allation earth electrode	8.10 Insulation Resistance between Live Conductors & Earth	Yes
8.3 Pros	spective fault current, lpf	8.11 Polarity (prior to energisation)	Yes
8.4 Conf	tinuity of Earth Conductors (es	8.12 Polarity (after energisation) including phase sequence	Yes
8.5 Conf	tinuity of Circuit Protective Conductors	8.13 Earth Fault Loop Impedance	Yes
8.6 Conf	tinuity of ring final circuit	8.14 RCDs / RCBOs including selectivity	Yes
8.7 Conf	tinuity of Protective Bonding Conductors	8.15 Functional testing of RCD devices	Yes
8.8 Volt	drop verified Yes	8.16 Functional testing of AFDD(s) devices	N/A)
Inspector's	s Name: Stephen Liddell	Signature:	
		9.133.51	
Date:	18/12/2020		



Electrical Installation Condition Report Test Schedule

for Domestic and Similar Premises up to 100 A

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Client	R DAWSON					Installation Address 23 NICHOLAS STREET, YORK Complete only if the distribution board is not connected directly to the origin of the installation Test instrument serial number(s)																						
Distrib	ution board details - Complete in	every	case		С	omplete	only if	the distributio	n boa	rd is n	ot con	nected	directly t	o the or	igin of th	e install	ation					Te	st inst	rument	serial nu	ımber(s)	
Laastis	n HALLWAY								S	upply to	distribu	ition boa	ard is from	Cha	aracteris	tics at th	is dist	ribution	board				Loop	impedan	ce 0747	71445		
Location						vercurrent rotective de		lo. of phases						Ass	ociated R0	CD(if any):	BS (EN				ove 30m/	A 🚍 Ins	n inculation recolution of the second					
_	f ways 10				fc	or the distri	bution	l Iominal Voltage		ype ting		BS(EN)	A Z _d	Operating at 1 IΔn ms $\frac{\pi}{2}$ A Z _d Ω No. of poles 30mA or below Ω					≅	Continuity 07471445							
realii. c	i ways					Touit.	Cumml	, malarity, aantium		_			- meruna d	I _{pf}		kA I∆n			perating a		A or below ms	- -		R	OD 0747	1445		
							Supply	polarity confirm	ed _	Pna	ise seq	dence c	onfirmed	Time	delay (if a	applicable)					٣						
			CI	RCU	IT DE	TAILS													TE	ST RE	SULT	S						
മ	Distribution board Designation					onductors		Overcurrent		tive	ς B	용	BS 7671			Circuit imp	edance	0		Insul	ation resis	tance		<u> </u>	RCD	testing	Manua	
Circuit and Line	DB1	Туре	Ref.	N _O .	csa	(mm²)	lisco	devi			reaking apacity	RCD	Max. permitted Zs Other	Ring	final circui			All circui	its to be	(Reco Test	rd lower re	eading) L/E,	Polarity	Лах. asur	Above	30mA or	button o	
cuit I		of ₩.	method	of po	_	0	laxim nnec	BS EN	Type No	Rating (A)	₹₫	l Q D	80%		sured end-		Fig 8 check	complete R1R2 or R	ed using	voltage	L/L, L/N	N/E		Zs	30mA I∆n	below 5 l∆n	RCD .	AFDD
N 0.	Circuit designation	wiring	hod	points	ž	CPC	ection.	Number	O		(KA)	(mA)	(Ω)	r1	rn	r2	(✔)	R1 + R2	R2	V	Μ(Ω)	Μ(Ω)	(√)	(Ω)	ms	ms	(√)	(✓)
1	Lights	Α	100	NA	1	1	0.4	60898	В	6	6	30	5.82	N/A	N/A	N/A	N/A	1.06		230	>200	>200	✓	1.12	44	11	✓	N/A
2	Fire Alarm	Α	100	NA	1	1	0.4	60898	В	6	6	30	5.82	N/A	N/A	N/A	N/A	.61		230	>200	>200	✓	.67	44	11	✓	N/A
3	Security Panel	Α	100	NA	1.5	1	0.4	60898	В	6	6	30	5.82	N/A	N/A	N/A	N/A	.25		230	>200	>200	✓	.31	44	11	✓	N/A
4	Central Heating	Α	100	NA	2.5	1.5	0.4	60898	В	16	6	30	2.18	N/A	N/A	N/A	N/A	.20		230	>200	>200	✓	.26	44	11	✓	N/A
5	Spare													N/A	N/A	N/A	N/A						N/A				N/A	N/A
6	Skt Ring Circuit	Α	100	NA	2.5	1.5	0.4	60898	В	32	6	30	1.10	.65	.65	1.08	✓	.43		230	>200	>200	✓	.49	38	11	N/A	N/A
7	Skt Radial	Α	100	NA	2.5	1.5	0.4	60898	В	20	6	30	1.75	N/A	N/A	N/A	N/A	.55		230	>200	>200	✓	.61	38	11	✓	N/A
8	Skt Radial	Α	100	NA	6	2.5	0.4	60898	В	20	6	30	1.75	N/A	N/A	N/A	N/A	.57		230	>200	>200	✓	.63	38	11	✓	N/A
9	NOT FOUND													N/A	N/A	N/A	N/A						N/A				N/A	N/A
10	Spare													N/A	N/A	N/A	N/A						N/A				N/A	N/A
Detai	ls of circuits and/or installed e	auipn	nent v	ulner	able to	damage	when	testing	Dat	te(s) d	lead t	esting	18/12/	2020	То	18/12/2	020	Date	(s) live	testing		18/12/20	20	To		18/12	2/2020	
CIRCL		Anihii		J. 101		Lamage		.Journy	Dui	.5(5)	Juu	- July	. 5, 12,			/2		Date		gnature		, - 0		- 10	-	. 5, .2		\dashv
Teste	d by: Name (capital letters)	ST	EPHEN	N LIDD	ELL		P	osition Inspe	ector				[Date 1	8/12/2020	0												
Wiring	Types. A PVC/PVC B PVC cables in n	netallic (Conduit	C PVC	cables in	non-meta	llic Cond	uit D PVC cable	es in m	etallic T	runkina	E PVC	cables in n	on-metall	ic Trunkin	a F PVC/S	SWA cal	bles GS	WA/XPI F	cables	H Mineral	Insulated	O Oth	ner				
9	2.15 34000 1111										9																	