ELECTRICAL INSTALLATION CONDITION REPORT FT/EICR 8170000001377

for Domestic and Similar Premises up to 100 A

Requirements for Electrical Installations BS 7671:2018+A2:2022 (IET Wiring Regulations 18th Edition)



A. Details of the Inst	allation												
Client	Sani-Tech		Insta	allation	Sani-Tech								
Address	Rear of 15 Goshen Road Chelston		Add		24C Old Mill Road Chelston Torquay								
	Torquay				. ,								
Postcode	TQ2 6BB		Pos	code	TQ2 6AU								
B. Reason for Produ	cing this Report T/	nis form is to be used o	nly for report	ing on the condition of a	an existing installation.								
Client Request				·									
Date(s) on which the inspection and testing were carried out 02/03/2023 to 02/03/2023													
C. Details of Installat	-												
Description of premis			Industrial	Other (please specify)								
Estimated age of the wiring system 20 years													
Evidence of alteratio	Evidence of alterations or addition Yes No V Not apparent if 'Yes', estimated years												
Records of installation	Records of installation available Yes No Records held by												
Date of last inspection	n Not Known	Electrical Installa	ation Certificate	No. or previous Inspection	Report No.								
D. Extent of Electrica	al Installation Cover	red by this Report:											
Fixed Wiring Only													
Agreed Limitations	and Operational Limita	tions (Regulations 653.2)											
, in the second	•	, ,	damage the pr	pperty									
110 / 100000 to diffuoi	No Access to under floors, in lofts or ceiling voids or anywhere that may damage the property												
Agreed with: client		Extent of Te	ermination San	npling: >50%									
The inspection and	testing detailed within th	s report and accompanyin	g schedule ha	s been carried out in accor	dance with BS 7671: 2018 (IET Wiring Regulations)								
amended to 2022													
					of the building or underground have NOT been inspected ible roof space housing other electrical equipment.								
E. Summary of the C		11 41	·		is to real space mousting earth discussed equipments.								
	of the installation (in terms			ment of the installation in ability for continued use	SATISFACTORY *UNSATISFACTORY ✓								
CABLING WITHIN I	NSTALL GENERALLY SO	OUND AND GOOD FOR CO	NTINUED SE	RVICE - NO RCD OR SPD'	S ON INSTALL - CABLES PROTECTED WITH								
WRONG SIZED MC	CB'S - DB CHANGE REC	OMMENDED											
*An UNSATISFACTO	ORY assessment indicates	that dangerous (code C1), o	or potentially da	ingerous (code C2) condition	s have been identified								
F. Recommendation		an installation for continued us	hit-t	as LINCATICE ACTORY IAves	and that any about atoms also if and as (Dance)								
present' (code C1) or '	Potential dangerous' (code 0	2) are acted upon as a matter	of urgency. Inve	stigation without delay is recon	ecommend that any observations classified as 'Danger nmended for observations identified as 'Further Investigation								
	servations classified as 'Imp stallation is further inspected			given due consideration. Subje- the following reasons:	ct to the necessary remedial action being taken, I/we								
REMEDIALS SHOU	ILD BE COMPLETED WI	TH IN 3 MONTHS											
G. Declaration	a) vaanamaikla fantka inamaat	ion and toating of the cleatured	installation (on i	adianta di buganya ya majamatu wa a	class) particulars of which are described above booking								
exercised reasonable s	skill and care when carrying o	out the inspection and testing h	ereby declare th	at the information in this report,	pelow), particulars of which are described above, having including the observations and the attached schedules,								
Company	Andrews' Building Contra		ig into account ti]	e stated extent and limitations Inspected and teste	· ·								
, ,			Name:	Simon Hammond	Simon Hammond								
Address	Casa Blanca, Lower Per	ıns Road, Paignton,		0.1	0.1								
			Signature:	Lukum	- Luman								
Postcode	TQ3 1JE]										
Branch No.	001		Position:	Electrician	Electrician								
Scheme No.			Date:	02/03/2023	02/03/2023								
H. Schedule(s)	1 schedule(s	s) of inspection and 1	schedule(s) of	Circuit Details and Test Res	ults are attached.								
	The attached scl	nedule(s) are part of this do	cument and th	s report is valid only when t	ney are attached to it.								
	i ne attached sci	iedule(s) are part of this do	cument and the	s report is valid only when t	ney are attached to it.								

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I. Supply Ch	aracteristics 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 3												
Nature of Supply Parameters (Note: (1) by enquiry, (2) by enquiry or by measurement)												
Nominal voltage, U/U ₀ (1) 230 V Nominal frequency, f ⁽¹⁾ 50 H _z Confirmation of supply polarity 🗸												
Propositive fault current 1 - (2) In contract												
Prospective fault current, $I_{pf}^{(2)}$ 0.624 KA External loop impedance, $Z_e^{(2)}$ 0.28 Ω												
	Supply Protective Device BS (EN) 1361 HBC Type 2 Type 2 Rated Current 60 A											
No. of Additional Supplies N/A												
J. Particulars of Installation Referred to in this Report Means of Earthing												
Details o	f installation Earth Electrode (where applicable) Type (e.g. rod(s), tape et	Distributors facility Installation Earth Electrode										
Location												
	Main Protective Conductors Material csa (✓) or Value (✓) or Value											
	Earthing Conductor Copper 16 mm											
	Protective Bonding Conductor Copper 10 mm	Continuity Verified \checkmark Ω Connection Verified \checkmark Ω										
	Material csa											
Main Supp	Oly Conductor Copper 16 mm² (c	connection / continuity) (\checkmark) or Value (\checkmark) or Value										
	ch Location By Boiler	Water installation Δ To structural steel Ω										
Fuse/devic	ce rating or setting Switch A Voltage rating 230 V	Gas installation pipes Δ To lightning protection Ω Ω										
If RCD ma	in switch: Rated residual operating current I ΔnmA	Oil installation pipes Ω Other Ω Ω										
BS(EN) 6	0947-3 No. of Poles 2 Current Rating 100 A	Rated time delay ms Measured operating trip time ms										
K. Observati												
N. Observati	IOIIS	Explanation of codes										
	to the attached inspection schedule(s) and schedule(s) of circuit details and	Danger present. Risk of Injury. Immediate remedial action required.										
	Its, and subject to the limitations specified at the Extent and limitations of n and testing Section D.	Potentially dangerous. Urgent remedial action required.										
		- Immorrant recommended										
INO	remedial work required	Improvement recommended.										
✓ The	following observations are made	Further Investigation required without delay										
Item No.	Observations	Code										
1	No RCD Protection to Property											
2	Burnt Socket in Lounge Area	@										
3	DB: 4.17 RCD(s) provided for fault protection -includes RCBO(s) (411.4.20											
4	DB : 4.18 RCD(s) provided for additional protection/requirements - include											
5	DB: 5.12.1 For all socket-outlets of rating 32 A or less, unless an exception											
6	DB: 5.12.2 For the supply of mobile equipment not exceeding 32 A rating f											
	DB: 5.12.3 For cables concealed in walls at a depth of less than 50 mm (5											
7	,											
8	DB : 5.12.4 For cables concealed in walls/partitions containing metal parts											
9	DB : 5.12.5 Final circuits supplying luminaires within domestic (household)											
10	DB : 5.12.6 For lighting that is accessible to the public (714.411.3.4)	<u> </u>										
11	EARTH TAPE USED IN BOARD - NOT SLEEVING	<u>@</u>										
12	C3 1MM ON 16A MCB	<u> </u>										
13	KITCHEN LIGHT SWITCH CRACKED											
	ne following codes, as appropriate, has been allocated to each of the observat ble for the installation the degree of urgency for remedial action.	tions made above and/or any attached observation sheets to indicate to the person(s)										
Danger present. Risk of Injury. Immediate remedial action required.												
	tentially dangerous. Urgent remedial action required.	12										
	provement recommended.	1										
Fur	ther Investigation required without delay	0										
	The above values are a total count of Observation per outcome											

ELECTRICAL INSTALLATION CONDITION REPORT - Schedule of Inspections

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Outcomes

Acceptable condition:	Unacceptable condition: State	Improvement recommended:	Further Investigation:	Not Verified:	Limitation:	Not Applicable:	Inadequacies: (Items 1.1 - 1.1.5 Only	
	or 🕝	(3)	(F)	NV		N/A	8	

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
0 INTAKE	EQUIPMENT (VISUAL INSPECTION ONLY);	
1.1	Service cable	
1.1.1	Service head	
1.1.2	Earthing arrangement	
1.1.3	Meter tails	
1.1.4	Metering equipment	
1.1.5	Isolator (where present)	NA NA
1.1.6	Person ordering work/dutyholder notified (Delete as appropriate) NOTE 1 Where inadequacies in the intake equipment are encountered, which may result in a dangerous or potentially dangerous situation, the person ordering the work and/or dutyholder must be informed. It is strongly recommended that the person ordering the work informs the appropriate authority. NOTE 2 For this section only, where inadequacies are found, an X should be put against the appropriate item and a comment made in Section K	
1.2	Consumer's Isolator (where present)	N/A
1.3	Consumer's meter tails	
Presen	ce of adequate arrangements for other sources such as microgenerators (551.6; 551.7)	
2.1	Presence of adequate arrangements where generator to operate as a switched alternative (551.6)	N/A
2.2	Adequate arrangements where a generating set operates in parallel with the public supply (551.7)	N/A
EARTH	NG / BONDING ARRANGEMENTS (411.3; Chap 54)	
3.1	Presence and condition of distributor's earthing arrangements (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)	Q
3.5	Accessibility and condition of earthing conductor at MET arrangement (543.3.2)	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)	
CONSL	MER 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)	4
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 switch(es) (functional check) (643.10)	2
4.8	Manual operation of circuit-breakers and RCDs and AFDDs to prove functionality (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, where required (514.12.2)	NA NA
4.11	Presence of alternative supply warning notice at or near consumer unit/distribution board (514.15)	N/A
4.11	Presence of other required labelling (please specify) (Section 514)	NA NA
4.13	Compatibility of protective devices, bases and other components; correct type and rating, (No signs of unacceptable thermal damage, arcing or overheating) (411.4; 411.5; 411.6; Sections 432,433)	
4.14	Single-pole switching or protective devices in line conductor only (132.14.1; 530.3.3)	
4.15	Protection against mechanical damage where cables enter consumer unit/distribution board (522.8.1; 522.8.5; 522.8.11)	
4.16	Protection against electromagnetic effects where cables enter consumer unit/distribution board/enclosures (521.5.1)	
4.17	RCD(s) provided for fault protection -includes RCBO(s) (411.4.204; 411.5.2; 531.2)	<u></u>
4.18	RCD(s) provided for additional protection/requirements - includes RCBO(s) (411.3.3; 415.1)	(2)
4.19	Confirmation of indication that SPD is functional (651.4)	NA NA
4.20	Confirmation that ALL conductor connections, including connections to busbars, are correctly located in terminals and are tight and secure (526.1)	•
4.21	Adequate arrangements where a generating set operates as a switched alternative to the public supply (551.6)	N/A
4.22	Adequate arrangements where a generating set operates in parallel with the public supply (551.7)	N/A
	CIRCUITS	
5.1	Identification of conductors (514.3.1)	
5.2	Cables correctly supported throughout their run (521.10.202; 522.8.5)	
5.3	7 11 5(,,	- 3

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and trunking systems (netallic and plastic) 5.5 Adoquacy of cables for current-carrying capacity with regard for the type and nature of installation (Section 523) 5.6 Example of continuous contents and overload protective devices (433.1; 533.2.1) 5.7 Adoquacy of protective devices. type and rated current for fault protection (411.3.1) 5.8 Presence and adequacy of circuit protective conductors (411.3.1 Section 643) 5.9 Wiring systemis) appropriate for the type and nature of the installation and external influences (Section 522) 5.10 Concelled cables installed in prescribed years (as expected on the content of		Non-she	athed cables protected by enclos	sure in co	nduit, d	ucting	or trunk	ring (521.10.1). To include in the integrity of conduit				
So FinAL Circuits Control	5.4		•					0				
5.6 Coordination between conductors and overload protective devices (94 and 11.3) 5.7 Adequacy of protective devices type and rated current for fault protection (411.3) 5.8 Presence and adequacy of circuit protective conductors (411.3.1: Section 543) 5.9 Wiring system(s) appropriate for the type and nature of the installation and external influences (Section 522) 5.10 Concealed cables installed in prescribed zones (see Section D. Extent and limitations) (522.6.202) 5.11 Concealed cables installed in prescribed zones (see Section D. Extent and limitations) (522.6.204) 5.12 Concealed cables installed in prescribed zones (see Section D. Extent and limitations) (522.6.204) 5.12 For the supply of mobile equipment not exceeding 32 A rating for use outdroom (411.3.3) 5.12.1 For the supply of mobile equipment not exceeding 32 A rating for use outdroom (411.3.3) 5.12.2 For the supply of mobile equipment not exceeding 32 A rating for use outdroom (411.3.3) 5.12.3 For coaties concealed in walls at adepth of less than 50 mm (522.6.202.52 C20.3) 5.12.4 For cables concealed in walls at adepth of less than 50 mm (522.6.202.52 C203) 5.12.5 Final circuits supplying luminaries within domestic (household) premises (411.3.4) 5.13 Provision of fire barriars, sealing arrangements that protection against thermal effects (Section 527) 5.14 Band II cables segregated/separated from communications cabling (528.2) 5.15 Cables segregated/separated from communications cabling (528.2) 5.16 Cables segregated/separated from communications cabling (528.2) 5.17 TERMINATION OF CASLES AT ENCLOSURES - INDICATE EXTENT OF SAMPLING IN SECTION D OF THE REPORT (SECTION 20 6.7).7 Cables segregated/separated from communications cabling (528.2) 5.17.2 No basic insuliation of a conductor visible outside enclosure (528.8) 5.17.3 Concentions soundly made and under on out outside sendosure (528.8) 5.17.4 Adequately connected at point of entry to enclosure (628.8) 5.17.4 No basic insuliation of a conductor visible outside enclosure (528.8) 5.17.4 No basic insul			, ,	apacity w	ith rega	rd for t	he type	and nature of installation (Section 523)				
5.7 Adequacy of protective devices: type and rated current for fault protection (411.3) 5.8 Presence and adequacy of circuit protective conductors (411.3): Section 543 5.9 Wiring system(s) appropriate for the type and nature of the installation and external influences (Section 522) 5.10 Concealed catelate installation in prescribed zones (see Section D. Existent and limitations) (522.6.202) 5.11 Cables concealed under fbors. above cellings or in walls/partitions, adequately protected against damage (see Section D. Extent and installations) (522.6.202) 5.12 For the supply of mobile or protective devices an exception is permitted (411.3) 5.12.1 For all socket-cultets of rating \$2.8 or less, unless an exception is permitted (411.3) 5.12.2 For the supply of mobile equipment not exceeding \$2.7 attains for use outdoors (411.3.3) 5.12.3 For cables concealed in walls at a depth of less than 50 mm (522.6.205, 522.6.203) 5.12.4 For cables concealed in walls at a depth of less than 50 mm (522.6.205, 522.6.203) 5.12.5 Final circuits supplying luminaires within domestic (household) premises (411.3.4) 5.13 Provision of fire barriers, sealing arrangements and protection against thermal effects (Section 527) 5.14 Bard it clubles segregated/separated from communications cabling (528.2) 5.15 Cables segregated/separated from communications cabling (528.2) 5.16 Cables segregated/separated from communications cabling (528.2) 5.17.1 Connections soundly made and under no undue strain (526.6) 5.17.2 No basic insulation of a conductor wistle 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 (526.8) 5.17.3 Connections of live conductors adequately enclosed (526.5) 5.18 Condition of accessories including socket-outlets, switches and joint boxes (651.2 (v)) 5.19 Suitability of accessories including socket-outlets, switches and joint boxes (651.2 (v)) 5.19 Suitability of accessories including socket-outlets is witches and joint boxes (651.2	.0 FINAL	_						,				
Presence and adequacy of circuit protective conductors (411.3.1: Section 543) Section 543 Section 543 Section 543 Conceated cables installed in prescribed zones (see Section D. Extent and limitations) (522.6.202) Conceated cables installed in prescribed zones (see Section D. Extent and limitations) (522.6.202) Conceated cables installed in prescribed zones (see Section D. Extent and limitations) (522.6.202) Extent and limitations) (522.6.203) Extent and limitations) (522.6.203) Extent and limitations) (522.6.203) For the supply of mobile equipment not exceeding 32 A rating for use outdoors (411.3.3) For all socket-outlets of rating \$2 A or less, unless an exception is permitted (411.3.3) For all socket-outlets of rating \$2 A rating for use outdoors (411.3.3) For all socket-outlets or rating \$2 A rating for use outdoors (411.3.3) For all socket-outlets or walls sat a depth of less than 50 nm (522.6.20) For all socket-outlets or walls sat a depth of less than 50 nm (522.6.20) For all socket-outlets upon the rating \$2 A rating for use outdoors (411.3.3) For all socket-outlets or walls sat a depth of less than 50 nm (522.6.20) For lighting that is accessible to the public (714.411.3.4) For cables concealed in walls/partitions containing metal parts regardless of depth (522.6.203) For lighting that is accessible to the public (714.411.3.4) For cables oncealed in walls/partitions containing metal parts regardless of depth (522.6.203) For lighting that is accessible to the public (714.411.3.4) For cables oncealed in walls/partitions containing metal parts regardless of depth (522.6.203) For lighting that is accessible to the public (714.411.3.4) For cables oncealed in walls/partitions containing metal parts regardless of depth (522.6.203) For lighting that is accessible to the public (714.411.3.4) For cables oncealed in the public (714.411.3.4) For cables oncealed in the public (714.411.3.4) For cables oncealed in the public (714.411.3.4) For cables once		_							<u> </u>			
5.9 Wiring system(s) appropriate for the type and nature of the installation and external influences (Section 522)		<u> </u>						` '	\bigcirc			
5.10 Concealed cables installed in prescribed zones (see Section D. Extent and limitations) (522 6.202) 5.11 College concealed under forces, above ceilings or in walls/partitions, adequately protected against damage (see Section D. Extent and limitations) (522 6.204) Fixed and limitations) (522 6.204) 5.12.1 For all socket-outlets of rating 32 A or tess, unless an exception is permitted (411.3.3) 5.12.2 For the supply of mobile equipment not exceeding 32 A rating for use outdoors (411.3.3) 5.12.3 For cables concealed in wells at a depth of less than 50 nm (522 6.205) 5.12.4 For cables concealed in wells at a depth of less than 50 nm (522 6.205) 5.12.5 Final circuits supplying luminaries within domestic (household) premises (411.3.4) 5.13.6 For lighting that is accessible to the public (714.411.3.4) 5.13.7 Provision of fire barriers, sealing arrangements and protection against thermal effects (Section 527) 5.14 Band It cables segregated/separated from communications cabling (528.2) 5.15 Gabies segregated/separated from communications cabling (528.2) 5.16 Cables segregated/separated from communications cabling (528.3) 1.7 TERMINATION OF CABLES AT ENCLOSURES -INDICATE EXTENT OF SAMPLING IN SECTION D OF THE REPORT (SECTION 526 St.1) 5.17.1 Connections soundly made and under no unidue strain (526.8) 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) 5.18 Sultability of accessories for external influences (512.2) 5.20 Adequacy of working space/accessability to equipment (132.12; 513.1) 5.21 Single-pole switching or protective devices in line confluctors unit place of the protective devices in line confluctors unit place of the protective devices in line confluctors unit place of the protective devices in line confluctors unit place of the protective devices in line confluctors unit (32.12; 513.1) 5.22 Metal of the special installation of locatinty to equipment (132.12; 513.1) 5.23 Signature: 8.3 Suitabilit									<u> </u>			
Cables concealed under floors, above ceilings or in walls/partitions, adequately protected against damage (see Section D. Extending and an administrations) (S228 6204)	5.9											
Extent and limitations (622.6.204) 12PROVISION OF ADDITIONAL REQUIREMENTS FOR RCO NOT EXCEEDING 30 mA: 5.12.1 For all socket-outlets of rating 32 A rat less, unless an exception is permitted (411.3.3) 5.12.2 For the supply of mobile equipment not exceeding 32 A rating for use outdoors (411.3.3) 5.12.3 For cables concealed in walls at a depth of less than 50 mm (522.6.202, 522.6.203) 5.12.4 For cables concealed in walls at a depth of less than 50 mm (522.6.202, 522.6.203) 5.12.5 Final circuits supplying furniaries within domestic (householdy premises (411.3.4) 5.12.6 For lighting that is accessible to the public (714.411.3.4) 5.12.6 For lighting that is accessible to the public (714.411.3.4) 5.13 Provision of fire barriers, sealing arrangements and protection against thermal effects (Section 527) 5.14 Band II cables segregated/separated from communications cabling (528.2) 5.15 Cables segregated/separated from communications cabling (528.2) 5.16 Cables segregated/separated from communications cabling (528.2) 5.17 Cables segregated/separated from communications cabling (528.2) 5.18 Cables segregated/separated from communications cabling (528.2) 5.19 Cables segregated/separated from communications cabling (528.6) 5.17.2 No basic insulation of a conductor visible outside enclosure (526.8) 5.17.2 No basic insulation of a conductor visible outside enclosure (526.8) 5.17.3 Conceitons so fund conductors adequately enclosed (526.5) 5.17.4 Adequately connected at point of entry to enclosure (glands, bushes etc.) (522.8.5) 5.18 Condition of accessories including socket-outlets, switches and joint boxes (551.2 (v)) 5.19 Sultability 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 conductors only (132.14, 530.3.3) 6.2 Where used as a protective measure, requirements for SELV or PELV met (701.414.4.5) 6.3 Sharp or policy of the protective colors in present of the protective	5.10		<u>'</u>					, ,	\bigcirc			
For all socket-outlets of rating 32 A or less, unless an exception is permitted (411.3.3) For the supply of mobile equipment not exceeding 32 A rating for use outdoors (411.3.3) For cables concealed in walls at a depth of less than 50 mm (622.6.202.622.6.203) For the supply of mobile equipment not exceeding 32 A rating for use outdoors (411.3.3) For cables concealed in walls at a depth of less than 50 mm (622.6.202.6.203) For the supply of mobile equipment of the supply of th	5.11			lings or in	ı walls/p	artitior	ns, adeo	quately protected against damage (see Section D.				
For the supply of mobile equipment not exceeding 32 A rating for use outdoors (411.3.3)	12 PROV	ISION OF A	ADDITIONAL REQUIREMENTS	FOR RC	D NOT	EXCE	EDING	30 mA:				
5.12.3 For cables concealed in walls at a depth of less than 50 mm (522.6.202; 522.6.203)	5.12.1	For all so	cket-outlets of rating 32 A or less	s, unless	an exce	ption i	s permi	tted (411.3.3)	②			
5.12.5 Final circuits supplying luminaries within domestic (household) premises (411.3.4)	5.12.2	For the si	upply of mobile equipment not ex	ceeding	32 A ra	ting for	use ou	tdoors (411.3.3)	(2)			
5.12.6 Final circuits supplying turniaires within domestic (household) premises (411.3.4) 5.13 Provision of fire barriers, sealing arrangements and protection against thermal effects (Section 527) 5.14 Band II cables segregated/separated from Band I cables (528.1) 5.15 Cables segregated/separated from Band I cables (528.2) 5.16 Cables segregated/separated from Communications cabling (528.2) 5.17 Carrier (1997) A 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 under conductors adequately enclosed (526.5) 5.17.4 Adequately connected at point of entry to enclosure (glands, bushes etc.) (522.8.5) 5.18 Condition of accessories including socket-outlets, switches and joint boxes (551.2 (v)) 5.19 Suitability of accessories for external influences (512.2) 5.20 Adequacy of working space/accessibility to equipment (132.12; 513.1) 5.10 Signe pole switching or protective devices in line conductors only (132.14; 530.3.3) 5.10 CATION(S) CONTAINING A BATH OR SHOWER 6.1 Additional protection for all low voltage (LV) circuits by RCD not exceeding 30 mA (701.411.3.3) 6.2 Where used as a protective measure, requirements for SELV or PELV met (701.414.4.5) 6.3 Shaver supply units comply with BS EN 61586-2-5 formerly BS 3535 (701.512.3) 6.4 Presence of supplementary bonding onductors, units not required by BS 7671-2018 (701.415.2) 6.5 Low voltage (e.g. 230 V) socket-outlets sited at least 2.5 m from zone 1 (701.512.3) 6.6 Suitability of current-using equipment for external influences for installed location in terms of IP rating (701.512.2) 6.7 Suitability of accessories and contrologar etc. for a particular zone (701.512.3) 6.8 Suitability of current-using equipment for particular position within the location (701.55) 7. Suitability of accessories and contrologar etc. for a particular zone (701.512.3) 7. Confinally of Fortective	5.12.3	For cable	s concealed in walls at a depth c	f less tha	ın 50 m	m (522	2.6.202;	522.6.203)	Q 2			
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9.7 Continuity of Protective Bonding Conductors 9.15 Functional testing of RCD devices 9.16 Functional testing of AFDD(s) devices spector's Name: Simon Hammond Signature:		•			Yes		9.14	RCDs/RCBOs including selectivity	N/A			
9.8 Volt drop verified 9.16 Functional testing of AFDD(s) devices spector's Name: Simon Hammond Signature:	_	•						, ,	N/A			
nspector's Name: Simon Hammond Signature:	_	•							NA)			
Automa A	J.0 VOII	t drop verillet	4				3.10	i directorial teating of Al DD(5) devices				
ate: 02/03/2023	ıspector	r's Name:	Simon Hammond				Sign	ature:				
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atc. 02/00/2020	ate:		02/03/2023									

ELECTRICAL INSTALLATION CONDITION REPORT - Circuit Details

FT/EICR 8170000001377

for Domestic and Similar Premises up to 100 A

Requirements for Electrical Installations



BS/6/1	BS7671 :2018+A2:2022 (IET Wiring Regulations 18th Edition)													tractors				
	t Name	Sani-Tech							Installation	Sani-	Tech, 24C	Old Mill Roa	d, Chels	ston, Tor	quay			
Client	t Address	Rear of 15, Gos Chelston, Torqu		ad					Postcode	•		TQ2	6AU					
Client	t Postcode	TQ2 6BB																
		ails - Complete in e		_	,				ne distribution board is		on							
SPD Deta			3†	N/A		,	Overcurrent protective device Supply to distribution board is from for the distribution circuit:											
Design				_		1	No. of phases 1 BS(EN) Type Rating A											
No. of v	ways 8					Nor	ninal volt	tage 230	V RCD	BS(EN	1)		Туре		Rating		∐ I∆n mA	
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a C			-	, _ע	₀		eDUL onductors		Overcurrent protect				BS 7671 Max.		RCI			
Circuit No. and Line			ype o	Ref. method	o. of perved		(mm²)	aximur sconne ne (BS	Overcurrent protect	_		Breaking capacity	permitted Zs Other Other §			_	رچ	
ne No.	Q: "		Type of wiring		No. of points served	L Z	CPC	Maximum disconnection time (BS 7671)	BS EN Number	Type No.	Rating (A)	(KA)	80%	BS EN Number	Type No.	lΔn (mA)	Rating (
1/S	SKTS FRONT	designation	A	:j:	3	2.5	1.5	(S) 0.4	60898 MCB	В	32	6	(Ω) 1.09	N/A	N/A	N/A	∑ N/A	
2/S	SKTS PRONT	VVALL	A	100	13	2.5	1.5	0.4	60898 MCB	В	32	6	1.09	N/A	N/A	N/A	N/A	
3/S	BOILER		A	100	1	1	1	0.4	60898 MCB	В	16	6	2.18	N/A	N/A	N/A	N/A	
4/S	LIGHTING BA		А	100	3	1	1	0.4	60898 MCB	В	6	6	5.82	N/A	N/A	N/A	N/A	
5/S	LIGHTING RE		A	100	5	1	1	0.4	60898 MCB	В	6	6	5.82	N/A	N/A	N/A	N/A	
6/S	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	
7/S	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	
8/S	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	
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H Minera	ıl Insulated, MW Me	etal Work, FM Ferrous	s Metal, O	Other														
* SPD T	ype. Where a co	mbined T1 + T2 or T	T2 + T3 d	device is	s installe	d, indicate	by ticking	both boxe	S.									
t Where	a T3 SPD is inst	talled to protect sens	sitive equ	uipment	, enter D	etails of C	ircuits, of	the Schedu	ile of Test Results. (See	Section	n 534 of	BS 7671:	2018+A2:202	22.)				

[:]j: See Table 4A2 of Appendix 4 of BS 7671:2018+A2:2022. § Where the maximum permitted earth fault loop impedance value stated in Max Zs column is taken from a source other than the tabulated values given in Chapter 41 of BS 7671:2018+A2:2022, state the source of the data in the appropriate cell for the circuit in the change to Schedule of Test Results

ELECTRICAL INSTALLATION CONDITION REPORT - Test Results

FT/EICR 8170000001377

for Domestic and Similar Premises up to 100 A

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



Client	Name	Sani-Tech						Installation Address				Sani-Tech, 24C Old Mill Road, Chelston, Torquay					
Client	Address	Rear of 15, Goshen Road Client TQ2 6BB Chelston, Torquay Postcode						3	Inetallatio	n Postcodo	TQ2 6AU						
Distribu	tion board de		ete in every ca	386	1 0.	Sicoue		Installation Postcode TQ2 6AU Complete only if the distribution board is not connected directly to the origin of the installation									
Locatio			oto in overy or				\neg		ited RCD (if any)								
Designa	ation DB 1							Z _{db} 0.	28	` ` '	$\neg \Box_{\Omega}$	Operat	ing at l∆n		ms		
No. of v	vays 8		✓ Supply polar	ity confirmed	Phase	sequence conf	irmed	_									
	hases 1				confirmed	_	I _{pf} 0.	624 kA	No. of poles			Time delay (if applicable)					
·					L			_		_							
							TEST	RES	ULTS								
			Circuit imped	lance Ω			Ir	nsulation resistar		Po	≤ ≤	RCD testing		al test			
Circ	Rin	g final circuits	<u> </u>				Test	voltage	L/L, L/N	L/E, N/E	Polarity	Max. Measured	All RCDs IΔn	RCD	peration		
Circuit No. and Line	r1	rn	r2	Fig 8		or R2		V	M(Ω)	Μ(Ω)		Zs	ms	(√)	AFDD (✓)		
ಕ್ ೧ 1/S	0.17	0.21	0.28	(√) √	R1 + R2 0.13	R2 N/A	250	V	>299	>299	✓	(Ω) 0.53	N/A	N/A	N/A		
2/S	0.17	0.21	0.28	▼	0.13	N/A	250		>299	>299	V	0.32	N/A	N/A	N/A		
3/S	N/A	N/A	N/A	N/A	0.02	N/A	250		>299	>299	· ✓	0.30	N/A	N/A	N/A		
4/S	N/A	N/A	N/A	N/A	0.59	N/A	250		>299	>299	✓	0.76	N/A	N/A	N/A		
5/S	N/A	N/A	N/A	N/A	0.66	N/A	250		>299	>299	✓	0.93	N/A	N/A	N/A		
6/S	N/A	N/A	N/A	N/A	N/A	N/A	N/A		N/A	N/A	N/A	N/A	N/A	N/A	N/A		
7/S	N/A	N/A	N/A	N/A	N/A	N/A	N/A		N/A	N/A	N/A	N/A	N/A	N/A	N/A		
8/S	N/A	N/A	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	of circuits and/	or installed ed	uipment vulner	able to dan	l nage when te	sting				5.1.1	ا ا	··· -	2/02/2022	00/00/0	122		
		34			J	-) dead tes		2/03/2023 To	02/03/20			
Test inst	trument serial	number(s)								Date	(s) live tes	ung 0	2/03/2023 To	02/03/20	123		
	pedance 180		Insulatio	n resistance	18091173		Contin	uity 1809	91173	RCD 180911	73	E/E	Electrode				
		apital letters)		SIMON HA						Signature	1						
	sition Electr				Date 02/	03/2023				-	Anna						
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Electrical Installation Condition Report

Requirements for Electrical Installations - BS 7671:2018+A2:2022 (IET Wiring Regulations 18th Edition)

Guidance for recipients:

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

- 1. The purpose of this Report is to confirm, so far as reasonably practicable, whether or not the electrical installation is in a satisfactory condition for continued service (see Section E). The Report should identify any damage, deterioration, defects and/or conditions which may limitations of this inspection, be fully identified. Such give rise to danger (see Section K).
- 2. This Report is only valid if accompanied by the Inspection Schedule(s) and the Schedule(s) of Circuit Details and Test Results.
- 3. The person ordering the Report should have received the original Report and the inspector should have retained a duplicate.
- 4. 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.
- 5. 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 (licensing authority, insurance company, mortgage provider and the like) before the inspection was carried out.
- 6. Some operational limitations such as inability to gain access to parts of the installation or an item of equipment may have been encountered during the inspection. The inspector should have noted these in Section D.
- 7. For items classified in Section K as C1 ("Danger Present"), the safety of those using the installation is at confirm it is in operational condition in accordance with risk, and it is recommended that a skilled person or persons competent in electrical installation work undertakes the necessary remedial work immediately.
- 8. For items classified in Section 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.

- 9. 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 in a code C1 or C2 could not, due to the extent or 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).
- 10. For safety reasons, the electrical installation should be re-inspected at appropriate intervals by a skilled person or persons competent in such work. The recommended date by which the next inspection is due is stated in Section F of the Report under 'Recommendations' and on a label at or near to the consumer unit /distribution board (where required).
- 11. Where the installation includes a residual current device (RCD) it should be tested six-monthly by pressing the button marked 'T' or 'Test'. The device should switch off the supply and should then be switched on to restore the supply. If the device does not switch off the supply when the button is pressed, seek expert advice. For safety reasons it is important that this instruction is followed.
- 12. Where the installation includes an arc fault detection device (AFDD) having a manual test facility it should be tested six-monthly by pressing the test button. Where an AFDD has both a test button and automatic test function, manufacturer's instructions shall be followed with respect to test button operation.
- 13. Where the installation includes a surge protective device (SPD) the status indicator should be checked to manufacturer's information. If the indication shows that the device is not operational, seek expert advice. For safety reasons it is important that this instruction is followed.
- 14. Where the installation includes alternative or additional sources of supply, warning notices should be found at the origin or meter position or, if remote from the origin, at the consumer unit or distribution board and at all points of isolation of all sources of supply.