PART 1 : DETAILS OF THE CONTRACTOR, CLIENT AND INSTALLATION

ELECTRICAL INSTALLATION CONDITION REPORT

Issued in accordance with BS 7671: 2018 – Requirements for Electrical Installations

Original (to the person ordering the work)

DETAILS OF THE CONTRACTOR	DETAILS OF THE CLIENT	DETAILS OF THE INSTALLATION
Trading Title: RJ Electrical Services Ltd	Name: Wessex RFCA	Address: ATC Hut, Long Close, CHIPPENHAM, Wiltshire
Address: Unit 3a, Barnack Industrial Esta, Kingsway,	Address: Wessex Reserve Forces & Cadets Association,	
Salisbury	Mount House, Mount Street, TAUNTON, Somerset	
Postcode: SP2 0AW Tel No:	Postcode: TA1 3QE Tel No: N/A	Postcode: SN15 3LB Tel No: N/A
PART 2 : PURPOSE OF THE REPORT		
Purpose for which this report is required: Scheduled Inspection		
Date(s) when inspection and testing was carried out: (24/10/2018) Records available: (ilable: (Y) Previous report date: (.20/05/2013
PART 3 : SUMMARY OF THE CONDITION OF THE INSTALLATION		
General condition of the installation (in terms of electrical safety): Upgrading of the consumer unit is required to provide fire containment. See attached sheet for more details.	See attached sheet for more details.	
Estimated age of electrical installation: () years Evidence of	Evidence of additions or alterations: () Overall assessment of the insta	Overall assessment of the installation is: Satisfactory /Unsatisfactory* (delete as appropriate)
PART 4: DECLARATION		
INSPECTION AND TESTING I, being the person responsible for the inspection and testing of the electrical in existing installation, hereby CFRTIFY that the information in this report, including	INSPECTION AND TESTING I, being the person responsible for the inspection and testing of the electrical installation, particulars of which are described in PART 7, having exercised reasonable skill and care when carrying out the inspection and testing of the existing installation, hereby CERTIFY that the information in this report, including the observations floor of the existing installation hereby CERTIFY that the information in this report, including the observations floor of the existing installation hereby CERTIFY that the information in this report, including the observations floor of the existing of the existing of the existing installation hereby CERTIFY that the information in this report, including the observations floor of the existing of the e	able skill and care when carrying out the inspection and testing of the
Name (capitals): BRIAN MCCARTHY	Signature:	Date: 28/10/2018
REVIEWED BY THE REGISTERED QUALIFIED SUPERVISOR FOR THE APPROVED CONTRACTOR	THE APPROVED CONTRACTOR	
Name (capitals): ROB COOMBS	Signature:	Date: 29/10/2018

^{*}An unsatisfactory assessment indicates that dangerous (CODE C1) and/or potentially dangerous (CODE C2) conditions have been identified in PART 6, or that Further Investigation (CODE F1) without delay is required.



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PART 5: NEXT INSPECTION

Give reason for recommendation: .. Age and condition. I/We (as indicated on page 1) recommend, subject to the necessary remedial work being taken, this installation should be further inspected and tested after an interval of not more than .5 . years/nx00x0x* (delete as appropriate)

Urgent remedial action required for items: (.2,3,4,5,6,7,11 Further investigation required for items: (.N/A.	for item	Additional pages? (8.3 Several heaters are in poor condition where they have been sat on. Most have their thermostat dials missing.	6.19 No fire barriers are present at DB1 (C2)	(6.18 c) Cables buried in walls emanating from DB2 are not 30mA RCD protected (C3)	6.12 Plug-in MCB's are no longer compliant (C3)	5.20 No mixed colour warning notice (C3)	(5.15 No RCD provided for fire protection DB2	5.14 No RCD provided for additional protection DB2	5.13 No RCD fault protection to circuits from DB2	5.9 There is not one means of isolation.	(5.8 Exposed live parts within the consumer unit.	(5.6 The fire rating has been compromised by the over sized cable entry. See image. The trunking will act as a chimney.	1) (1.2 Blue phase cut-out fuse is not sealed) (C3) (Observation(s) Code	Referring to the Schedule of teams Inspected (see PART 10) the attached Schedule of Circuit Datails and Tost Results (see PART 12) and subject to any agreed limitations listed in PART 7.	CODES: One of the following Codes, as appropriate, has been allocated to each of the observations made below to indicate to the person(s) responsible for the electrical installation the degree of urgency for remedial action required CODE C1 'Danger Present' CODE C2 'Potentially Dangerous' 'Improvement Recommended' 'Further Ir	PART 6 : OBSERVATIONS AND RECOMMENDATIONS FOR ACTIONS TO BE TAKEN
						General	DB1	DB2 Circuits	OB2	Consumer units	DB2	DB2	DB2	Consumer units	Consumer unit	Consumer units	Incoming supply	Location Reference		CODE FI Further Investigation Required	

^{*}The proposed date for the next inspection should take into consideration any legislative or licensing requirements and the frequency and quality of maintenance that the installation can reasonably be expected to receive during its intended life.
The period should be agreed between relevant parties.

ELECTRICAL INSTALLATION CONDITION REPORT

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PART 7: DETAILS AND LIMITATIONS OF THE INSPECTION AND TESTING Plumbing Contractors

Agreed limitations including the reasons, if any, on the inspection and testing. None	(spe additional page No. N/A	Details of the installation covered by this report. Fixed wiring only	the building or underground, have not been visually inspected unless specifically agreed between the Client and the Inspector prior to inspection.	The inspection and testing has been carried out in accordance with 85 /671: 2018, as amended. Cables concealed within trunking and conduits, or cables and conduits concealed under floors, in inaccessible roof spaces and generally within the fabric of
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Operational limitations including the reasons: None Extent of sampling:.... Agreed with (print name): (see additional page No. N/A...) (see additional page No..N/A...)

PART 8 : SUPPLY CHARACTERISTICS AND EARTHING ARRANGEMENTS

	Type: (.!!	(BS (EN), 1361,)	Supply protective device	Other (state): N/A	TN-C-S: (
	Rated current: (.100) A Other sources of supply (as detailed on attached schedule) Page No:(.N/A)	Confirmation of supply polarity:	(N/A) Other:			Number and type of live conductors
在1000mm 1000mm 10000mm 1000mm 1000mm 1000mm 1000mm 1000mm 10000mm 10000mm 10000mm 10000mm 1000mm 10000mm 10000mm 10000mm 10000mm 10000mm 10000mm 100	Page No:(N/A) External loop impedance, $Z_e^{(1)}$:	() Prospective fault current, /pf (1)*:	(N/A) Nominal frequency, f (1):	3-phase, 4-wire: () Nominal line voltage to Earth, U ₀ (1):	2-phase, 3-wire: $()$ Nominal line voltage, $U^{(1)}$:	Nature of supply parameters
	(0.33) Ω	(0.72_) kA	(50) Hz by calculation	(230) V measurement, or	(400) V	

PART 9: PARTICULARS OF INSTALLATION REFERRED TO IN THIS REPORT

Location: (N/A) Electrode resistance to Earth: (N/A) Ω	Where an earth electrode is used insert Type – rod(s), tape, etc: (N.A)	Installation earth electrode: ()	
(N/A) Ω (material Copper csa 10 mm²) N/A Connection / continuity verified: (. •)		() Earthing conductor: (N/A) (material Copper csa 25 mm²)	Main protective conductors
Other (state): N/A	Structural steel: Oil installation pipes:	Water installation pipes: Gas installation pipes:	Main protective bonding connections
Where an RCD is used as the main switch RCD rated residual operating current, $l_{\Delta n}$: Measured operating time: (MA) ms	(N/A) No. of poles: (4) (N/A) Current rating: (100) A	on:	Main switch / Switch-fuse / Circuit-breaker / RCD
Rated time delay:	Rating / setting of device: Voltage rating:	BS (EN) 61008) Meter Cupboard	·/RCD
(30) mA (N/A) ms	(N/A) A (400) V		

*Where the installation is supplied by more than one source, the higher or highest values of prospective fault current, Ipt, and external earth fault loop impedance, Ze, must be recorded

All fields must be completed. Enter either, as appropriate: '\(\sigma' \) if Acceptable condition;

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: ;

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'N/A' if Not applicable;

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'LIM' if a Limitation exists;

or Code appropriately — CODE 'C1', 'C2', 'C3' or 'FI' (codes to be recorded in PART 6, with additional comments (where appropriate) on attached numbered sheets)



number has been defaced or altered This report is not valid if the serial

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INSTALLATION CONDITION REPOR

Issued in accordance with BS 7671: 2018—Requirements for Electrical Installations

5.24 Single-pole switching or protective devices in line conductors only: (.........

5.25 Protection against mechanical damage where cables

5.26 Protection against electromagnetic effects where cables

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Original (to the person ordering the work)

enter terrromagnetic enclosures:

6. Distribution / final circuits

Identification of conductors:

Cables correctly supported throughout their length:

?

<

Condition of insulation of live parts:

Non-sheathed cables protected by

enclosures in conduit, ducting or trunking

3. Automatic disconnection of supply 3.1 Main earthing and bonding arrar 2.1 Adequate arrangements where a generating set operates as a 2. Presence of adequate arrangements for parallel or switched 1. External condition of electrical intake equipment (visual inspection only) **PART 10: SCHEDULE OF ITEMS INSPECTED** the person ordering the report informs the appropriate authority.) (If inadequacies are identified with the intake equipment, it is recommended FELV Metering equipment: (.......) 1.6 Isolator (where present): (........ Earthing arrangement: (.........) 1.4 Meter tails: Main earthing and bonding arrangements Adequate arrangements where generating set operates in switched alternative to the public supply Service cable: Presence of alternative / additional supply arrangement parallel with the public supply: warning notice(s) at or near equipment, where required: with those of other systems within the premises: Plugs, socket-outlets and the like not interchangeable Source providing at least simple separation: Presence and condition of earth electrode arrangement Presence and condition of distributor's earthing arrangement: (.... appropriate locations Provision of earthing / bonding labels at all bonding connections: Accessibility and condition of other protective Accessibility of main protective bonding connections: Adequacy of main protective bonding conductor connections: (.... Adequacy of main protective bonding conductor size(s) Accessibility of earthing conductor connections: Adequacy of earthing conductor connections Adequacy of earthing conductor size (.....) 1.2 Service head: Plumbing Contractors Electrical and • • • • • • N/A N/A • ς, NA N/A (C3 < 5.9 5.3 5.22 All other required labelling provided 5.17 Confirmation that integral test button/switch causes RCD(s) 5.16 Manual operation of circuit-breakers and RCDs to 5.14 RCD(s) provided for additional protection – includes RCBOs: 5.6 5.2 4. Other methods of protection 5.19 Presence of diagrams, charts or schedules at or near equipment, 5.15 RCD(s) provided for protection against fire – includes RCBOs: 5.13 RCD(s) provided for fault protection – includes RCBOs: 5.12 Adequacy of protective devices for prospective fault current: 5.7 5.5 5.21 Presence of next inspection recommendation label 5.20 Presence of non-standard (mixed) cable colour warning notices 5.18 Presence of RCD six-monthly retest notice at or near 5.10 Operation of main switch(es) (functional check): 5.4 5.1 Adequacy of working space / accessibility of equipment: 5. Distribution equipment 5.23 Compatibility of protective device(s), base(s) and 5.11 Correct identification of circuit protective devices: Details should be provided on separate sheets: Security of fixing to trip when operated (functional check) prove disconnection: Presence of main switch(es), linked where required Condition of enclosure(s) in terms of IP rating: Adequacy / security of barriers: Condition of insulation of live parts at or near equipment, where required equipment, where required: Enclosure not damaged / deteriorated so as to impair safety: Condition of enclosure(s) in terms of fire rating Presence and effectiveness of obstacles: Page No. (N/A...) • • • < < (C3 • • (C2 (C2 (C2 (C2 ~ 2 2 N/A < < 7 < 5 5

2.3

6

2.2

.5 .3 \equiv

All fields must be completed. Enter either, as appropriate: 'V' if Acceptable condition;

3.2

h) 9) 1 e) 9 0

6

'N/A' if Not applicable, 'LIM' if a Limitation exists;

or Code appropriately - CODE 'C1', 'C2', 'C3' or 'FI' (codes to be recorded in PART 6, with additional comments (where appropriate) on attached numbered sheets)

6.17 Cables adequately protected against damage and abrasion:

6.15 Cable installation methods / practices appropriate to the type

and nature of installation and external influences:

<

<

6.16 Cables where exposed to direct sunlight, of a suitable type or

adequately protected against solar radiation:

6.13 Presence and adequacy of circuit protective conductors:

•

6.14 Co-ordination between conductors and overload

protective devices:

6.12 Adequacy of protective devices; type and rated current for

6.11 Adequacy of cables for current-carrying capacity with regard

<

5

~

to the type and nature of installation:

6.10 Examination of cables for signs of unacceptable thermal and

nechanical damage / deterioration

and are tight and secure:

6.9 6.8 6.7

Adequacy of AFDD(s), where specified

NA NA •

Indication of SPD(s) continued functionality confirmed

Confirmation that conductor connections, including

connections to busbars are correctly located in terminals

6.6

Cables correctly terminated in enclosures

(including flexible conduit):

(indicate extent of sampling in PART 7 of report):

6.5

Suitability of containment systems for continued use

<

NA

6.4 6.3 6.2 6.1

13

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. INSTALLATION CONDITION REPOR

Issued in accordance with BS 7671: 2018 — Requirements for Electrical Installations

Original (to the person ordering the work)

6.25 Suitability of accessories for external influences Page No(s) **PART 11: SCHEDULES AND ADDITIONAL PAGES** 6.23 Temperature rating of cable insulation addequate: 6.24 Condition of accessories including socket-outlets, switches 6.21 Cables segregated / separated from non-electrical services: Schedule of Inspections 6.22 6.20 Band II cables segregated / separated from Band I cables: 6.19 Provision of fire barriers, sealing arrangements and protection Note: Older installations designed prior to BS 7671: 2018 may not have been 6.18 Provision of additional protection by an RCD not exceeding 30 mA PART 10 : SCHEDULE OF ITEMS INSPECTED Termination of cables at enclosures and joint boxes satisfactory: 6 e) 0 0 ь (indicate extent of sampling in PART 7 of report) against thermal effects: provided with RCDs for additional protection. Adequacy of connection at point of entry to enclosure. No basic insulation of a conductor, visible outside For all socket-outlets with a rated current not exceeding 32 A, Connections of live conductors adequately enclosed: Connections under no undue strain: For cables concealed in walls / partitions containing metal For cables concealed in walls / partitions at a depth of less Circuits supplying luminaires within domestic parts regardless of depth: exceeding 32 A for use outdoors Supplies for mobile equipment with a rated current not (household) premises: 4 & 5 Page No(s): Schedule of Circuit Details and Test Results for the installation ۲, • ۲, • NA NA C 5 < 5 6-10 7.2 7.4 7.3 7. Isolation and switching 6.27 6.26 Single-pole switching or protective devices in Functional switching Emergency switching off / stopping C **b**) Switching off for mechanical maintenance Adequacy of connections, including cpcs, within accessories 9 0 6 and to fixed and stationary equipment line conductors only: Correct operation verified: Presence and condition of appropriate devices: Correct operation (functionality) verified: Readily accessible for operation where danger might occur: Presence and condition of appropriate devices: Clearly identified by position and / or durable marking(s): Capable of being secured in the OFF position Acceptable location: Presence and condition of appropriate devices: Capable of being secured in the OFF position Acceptable location (local / remote): Correct operation verified: Warning label posted in situations where live parts cannot Clearly identified by position and / or durable markings: Presence and condition of appropriate devices: be isolated by the operation of a single device: Page No(s): Additional pages, including data sheets for additional sources Page No(s): Special installations or locations (indicated in item 9. above) NA < NA , • • < < • < NA • < 5 Name (capitals)...BRIAN MCCARTHY Signature:.... of inspection on a separate numbered page SCHEDULE OF ITEMS INSPECTED BY Indicate if the relevant requirements of Part 7 are satisfied and append results 8.7 8.4 8.3 on a separate page: 8.5 8.1 Condition of equipment in terms of IP rating: 8. Current-using equipment (permanently connected) List number and location of luminaires inspected Recessed luminaires (e.g. downlighters) Cable entry holes in ceiling above luminaires, sized or sealed Enclosure not damaged / deteriorated so as to impair safety Suitability for the environment and external influences: List all special installations or locations covered by this report 6 so as to restrict the spread of fire: Equipment does not constitute a fire hazard: None No signs of overheating to conductors / terminations: Installed to minimise build-up of heat Correct type of lamps fitted No signs of overheating to surrounding building fabric DE S Page No(s): Continuation sheets Date: (12-13 24/10/2018 Page No. (N/A... < N/A • Z (N/A NA CS •

All fields must be completed. Enter either, as appropriate: '\sigma' if Acceptable condition;

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'N/A' if Not applicable;

Enter $a(\checkmark)$ or value in the respective fields, as appropriate.

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'LIM' if a Limitation exists;

The pages identified are an essential part of this report (see Regulation 653.2)

or Code appropriately — CODE 'C1', 'C2', 'C3' or 'FI' (codes to be recorded in PART 6, numbered sheets) with additional comments (where appropriate) on attached

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ELECTRICAL INSTALLATION CONDITION REPORT

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Circuits/equipment vulnerable to damage when testing N/A Circuit mediant cales Circuit mediant c	WA)	Type:		NNEC.	:			2.5	2.5	2.5		2.5	2.5						1.5	1.5				1.5					TEST
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ELECTRICAL INSTALLATION CERTIFICATES & ELECTRICAL INSTALLATION CONDITION REPORTS Issued in accordance with BS 7671: 2018 – Requirements for Electrical Installations

CONTINUATION SHEET:

(Delete	I	er	Circuit numb		19	20	21		+	23	24	25	26	27		29	30		DIS (to b	00	Supp	0ver	Asso	Char
cones for Type of mining (A) Therm		Circuit description			Heater: Rm 4	Heater: Drill Hall	Spare	: D		Heater: Drill Hall	Spare	Heater: Rm 2	Spare	Spare	Supply to Range		Spare	-	DISTRIBUTION BOARD (DB) (to be completed in every case)	TO BE COMPLETED ONLY IF	Supply to DB is from: (N/A	Overcurrent protection device for the distribution circuit	Associated RCD (if any) Typ	Characteristics at this DB Con
Thermoplastic insulated /	rea contes											_							B) DETAILS	Y IF THE DB IS NOT CONNECTED		for the distr	Type: (BS EN	Confirmation of supply polarity: (/A)
-	\vdash)	Type of wirin (see Codes)		A	A		1	-	A		Þ			TI					BISI		ibution		a vlaau
Thermoplastic cables in	anic condu	thod	(BS 7671)	Re	100 1	100 1		+	+	100 1		100 1			0				DB designation: Location of DB:.	0T C		circuit		olarity:
cables in		_	ber of points :	Numt																ONNE			<u>. </u>	NA
(T)		Circuit conductor csa		Live (mm ²)	2.5	2.5		n	0.7	2.5		2.5			6				DB1 Meter	CTE		Type: (BS EN		
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cables in	COLLOCAL		ax. disconnec time (<i>BS 767</i>)	S	0.4	0.4		`	1	0.4		0.4			5				ard	DIRECTLY TO THE			No. of poles: (.N/A)	
Thermop	. meramic		BS (EN)	В	3871	3871		2074	30/1	3871		3871			3871))		Phase someone confirmed (where appropriate): N/A
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_	L	device	Rating	ê I	15	15		'n	ō	15		15			30				ED BY	N OF 1	nal volt	Rating: (A) A	n(.N/	
Thermop	Talli-lings		ort-circuit apacity		თ	6		0	o	თ		တ			တ					III I	Nominal voltage: (.N/A	A) A	/Δn (/A) mA	
Thermoplastic cables in	allic d'unkin		Operating current, I	(mA)	30	30		3	30	30		30			30				Name (capitals): Signature:	ISTAL	V/A)V			WA.
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-	\vdash	Circuit impedances (Ω)	its only to end)	(cpc)															₽ Y		<u></u>) ms	•
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0		ty	Polarit	S	۲	۲		-	5	<		۲			۲				ician)18	mber au	Continuity:	Earth fa	500	RCD:
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CONTINUATION SHEET:

ELECTRICAL INSTALLATION CERTIFICATES & ELECTRICAL INSTALLATION CONDITION REPORTS Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

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Insulation resistance Insu	Eart	Insu	(81	TES	1					+				1.1	-	0.5	0.39	0.35	0.46	0.58	0.02		(con	ances (Ω)	rmosetting / S	
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Dist Test Polarity Polari	ance:			VTS (en	000	Date	Posi							20		100	100	100	100	100				nsulation r	-insulated ca	
Other-state: N/A)	ter seria		. 28/10	tion: Ele					+	-	50										esistance	_	
(a) N/A Max. measured earth (b) (a) Max. measured earth (c) (a) Max. measured earth (c) Max. measured earth (d) Max. measured earth (ems) (J) (A) 1.23 N/A N/A N/A N/A (O.93 N/A N/A N/A N/A (O.77 N/A N/A N/A N/A (O.86 N/A N/A (O.86 N/A N/A N/A (O.86 N	RCE N.	(Ean	Z	Con)/2018	ectricia					+	_					-						ity	other - stat	
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int used N/A		pedance		instrume									+	NA		N/A	N/A	NA	NA	N/A	N/A	38				
				ent used									+	N/A		N/A	N/A	N/A	N/A	N/A	N/A		_	Test		

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CONTINUATION SHEET:

ELECTRICAL INSTALLATION CERTIFICATES & ELECTRICAL INSTALLATION CONDITION REPORTS

Issued in accordance with BS 7671: 2018 – Requirements for Electrical Installations

Cha	0ve	Sup	7	10 □									2	_		Circuit numbe	er	co	(Delete
Characteristics at this DB Confirmation of supply polarity: ()	ev	Supply to DB is from: (. DB2 - 1	TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE	(to be completed in every case)									Sockets: Office/OS A	Heaters			Circuit description	CODES for Type of wiring (A) Thermoplastic insulated /	XXX / IPN : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS
a Alddr	bution 008		B IS				\perp	4		Ш						Type of wirin (see Codes)	g 	(B) Th	DET/
olarity:	circui		VOT	DB designation: Location of DB:						Ш			C	C	Re	ference Met (BS 7671)	hod	(B) Thermoplastic cables in metallic conduit	ILS A
•	-		NNO	nation of DB:									2	2	Numb	per of points s	served	c cables in	ND
	/pe: (B		ECTE										0	2.5	Live (mm ²)		condu		EST
hase se	Type: (BS EN .60898		D DIR	DB 4 Meter Cupboard							T		2.5	1.5	cpc (mm²)		Circuit conductor csa	(C) Thermoplastic cables in non-metallic conduit	RESUL
Phase sequence	0898		ECTLY	oard									0.4	0.4	60	x. disconnec		ic cables in conduit	TS
Phase sequence confirmed (where appropriate): (.WA.) $Z_s(1.23)$ Ω	-		TO THE										60898	60898	В	S (EN)		(D) Thermoplastic cables in metallic trunking	Circuit
where	Ratir	Nom	ORIGI	TEST									8	æ		Туре	Protective device	plastic cab trunking	s/equip
e appropri	Rating: (16) A	Nominal voltage: (.230) V	N OF	TESTED BY							+		16	16	(A)	Rating	e device	_	oment vi
iate): () A	age: (.ź	E										10	10		ort-circuit apacity		E) Thermop	ılnerabl
WA)		30) V	ISTALI	Name (capitals): Signature:									30	30	(mA)	Operating current, I	RCD	(E) Thermoplastic cables in non-metallic trunking	e to dan
$Z_S(1.23)$			ORIGIN OF THE INSTALLATION	Name (capitals): .BRIAN Signature:									2.73	2.73	(2)	Maximum per Z _S for insta protective de	rmitted alled	_	Circuits/equipment vulnerable to damage when testing/A.
7 &(phases													(Line)	Ring (mea		rmoplastic /	ı testing
1.23) \Q \ \langle \l	15	No. of phases: (1		MCCARTHY											(Neutral)	Ring final circuits only (measured end to end)	Circ	(F) Thermoplastic / SWA cables	N/A
· · · · ·	ĺ	<u> </u>													(cpc)	ts only to end)	Circuit impedances (Ω)	(G) Therm	
Earth electrode resistance:	Insulat N/A	Multi-f	TEST										0.63	0.39	$(R_1 + R_2)$	All (comp	nces (Ω)	(G) Thermosetting / SWA cables	
lectrode	Insulation resistance:	Multi-function: 8189065	INSTR						+) R ₂	All circuits (complete at least one column)		-	
resista	stance:		UMEN		\parallel								100	100	(MΩ)	Live /	_	(H) Mineral-insulated cables	
nce:			TS (ente	Positi Date:	\vdash				+				100	100	(M2)	Live / Earth	Insulation resistance	insulated cab	
_		<u>.</u>	er serial	Position: Electrician Date: 28/10/2018	\vdash				+				500	500	2) (V)	Test h voltage	esistance		
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D	h fault A	Continuity:	r again	, n								+	1.08	0.93	M	ax measured It loop impeda	oorth.	te: N/A	
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	Earth fault loop impedance: N/A		instrum		\vdash	+			+						SRC	T T	in o		
	ė		TEST INSTRUMENTS (enter serial number against each instrument used)		\vdash	+			+				\ N/A	N/A	2 io		Test		
-				<u> </u>											- 6				:

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CONTINUATION SHEET:

ELECTRICAL INSTALLATION CERTIFICATES & ELECTRICAL INSTALLATION CONDITION REPORTS

1868 / IPN : SCHEDULE OF CIRCUIT DETAILS AND	DETAI	LS AN	ID TE	ST RE	TEST RESULTS		Circuits/equipment vulnerable to	equipn'	nent vuli	nerable	to dama	damage when testi	n testinç	ing N/A										:	
CODES for Type of wiring (A) Thermoplastic insulated /	(B) Therr	(B) Thermoplastic cables in metallic conduit	ables in	(C) Therr	(C) Thermoplastic cables in non-metallic conduit	bles in	(D) Thermoplastic cables in metallic trunking	astic cables unking		Thermoplas non-metalli	(E) Thermoplastic cables in non-metallic trunking		(F) Thermoplastic / SWA cables	SWA cables	(G) Them	(G) Thermosetting / SWA cables		(H) Mineral-insulated cables	l-insulated co)) other - st		ate: N/	(0) other - state: N/A	ate: N/A
	nd	-		Circuit conductor csa	eso.	ion	סד	Protective device	ice		RCD	mitted alled		Circ	Circuit impedances (Ω)	nces (Q)			Insulation resistance	resistancı		y	earth	nce, Zs	nce, Zs
	pe of wiring see Codes) rence Metho	(BS 7671)	of points se			disconnecti ne (<i>BS 7671</i>)	(EN)	rpe	ting	t-circuit acity	Operating current, I _{An}	aximum peri Z _S for insta rotective de	Ring (mea	Ring final circuits only (measured end to end)	its only to end)	(comp	All circuits (complete at least one column)	t Live /	Live /		Test voltage	Polarity	x. measured	loop impedar	k. measured (loop impedar
	(si						BS (Ту	Rat		(2	(Line)	(Neutral)	_								Max	Max fault le	Max fault lo
				(mm ²) ((mm²)	(s)			(A)	κĀ	(mA)	(Ω)	1,1	u _j unannan	1/2	$(R_1 + R_2)$) R ₂	(MΩ)	2) (MΩ)		3	2	5		(ms)
Heater	A B	1	2	2.5 1	1.5 C	0.4	60898	В	16	6	30	2.73				0.1		50	50	500		0	'N	0.42 15	.42 15
Socket	A B		2	2.5	1.5 C	0.4	60898	В	16	6	30	2.73				0.08		100	100	500		0.		0.43 15	43 15
Lights: Outside	A C			_		0.4	60898	В	9	6	30	7.28				0.33		20	20	500		?	C	0.69 15	69 15
Target/General	A C	5		_		0.4	60898	C	6	6	30	3.64				0.88		20	20	500		?		1.31 15	31 15
or Fans	A C	2		1		0.4	60898	C	6	6	30	3.64				0.94		20	20	500		7		1.38 15	38 15
Light: Gate	F D		_	.5	.5 C	0.4	60898	В	6	6	30	7.28				1.25		50	50	500		1.66		+	36 15
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		++																				\rightarrow			
			Н				-													<u>.</u> -	:	_			
DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case)		DB designation: DB.3. Location of DB: Rang	ation: [DB 3 Range				TESTED	D BY	Nan Sigr	Name (capitals): Signature:			MCCARTHY					Pos Dat	Position: Electrician Date: 28/10/2018	ectrici 0/2018	5	1 1		
TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE)B IS N	10T C	ONNE	CTED	DIRE	TLY	O THE (ORIGII	N OF T	HE IN	STALL	ORIGIN OF THE INSTALLATION				TES1	INSTI	NUMEN	ITS (en	ter seri	al numb	ar ac	20	jainst eac	TEST INSTRUMENTS (enter serial number against each instrument used)
Supply to DB is from: (_DB1-28								Nomi	Nominal voltage: (.230.	ige: (.2:	30) V	No. c	No. of phases: (1	: (.1		Multi- 818	Multi-function: 8189065					(N/A	: 3	īţ	īţ.
lev	ibution	circuit	Тур	e: (BSE	Type: (BS EN3871	<u>م</u>		Rating	Rating: (.30) A) A		•		1 20		Insula N/A	tion res	Insulation resistance: N/A		_	Ea	h fa	=	ult loop i	Earth fault loop impedance: N/A
Associated RCD (if any) Type: (BS EN) Characteristics at this DB Confirmation of supply polarity: ()	supply po	olarity: (,		No. of poles: (Phase sequence	s: (.÷	No. of poles: $()$ $(\Delta n ())$ (NA) Phase sequence confirmed (where appropriate): (A)	where a	$I_{\Delta n}$ () mA e appropriate): (ate): (<u>:</u>	Z _S (0.55	ling Ω	$l_{pf}(0.55)$ KA) KA	Earth N	electro	Earth electrode resistance:	ance:	<u></u>	RCD:	Þ.	:		
his form is based on the model forms shown in Appendix 6 of <i>BS 7671</i>	dix 6 of B	S 7671		Ente	Enter a (\checkmark) or value in the respective fields, as appropriate.	r value i		. field				1	2000		DC 7671		Whore figure is not taken from RS 7671 state source: (N/A	Þ						-	1

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serial number has been defaced or altered This continuation sheet is not valid if the





because the door is warped and does not close against the switch to allow the target lights to operate.

There is not one means of isolation. The existing unit is not technically double insulated, exposed live connections are present when the cover is removed.

DB4 has been added at some point, very much DIY. Incorrect supply cable size. No discrimination between the supply protective device and the final distribution circuits.

DB2 has no RCD circuit protection as required by BS7671

Tube Range: This clearly hasn't been used for some time, the intake fan at the firing point is non functioning, this appears to be set at extract and not intake. The safety door switch at the target end is not functioning

GENERAL CONTINUATION SHEET

General Condition Of the Installation

NOTES

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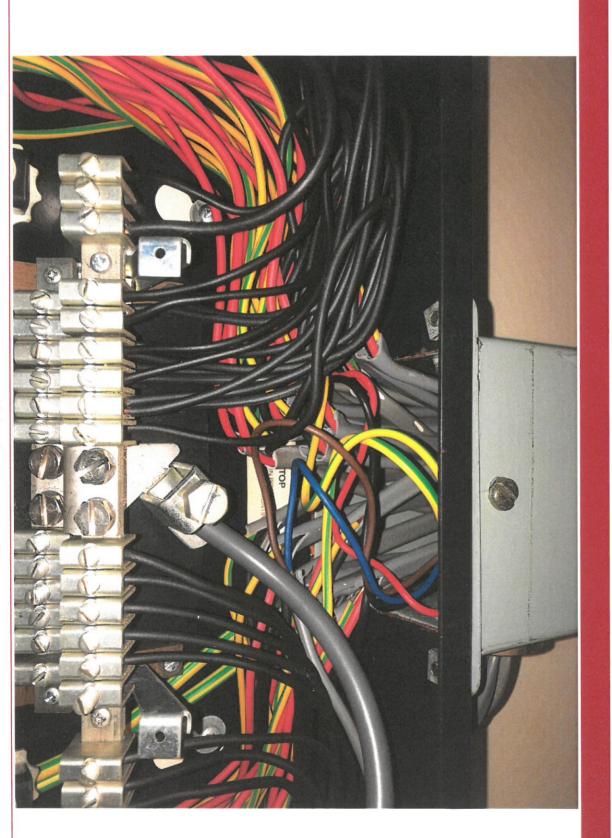
GENERAL CONTINUATION SHEET





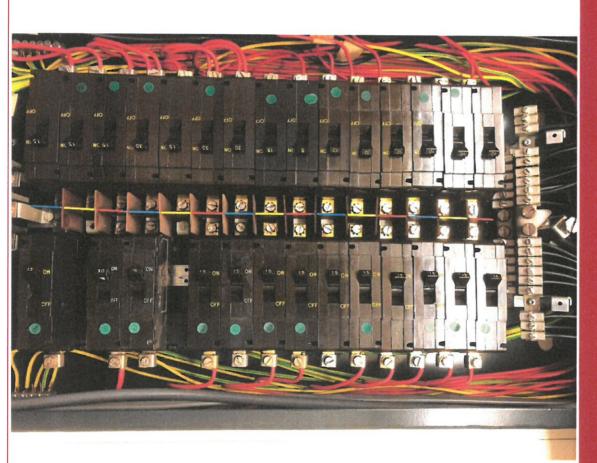
NOTES

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GENERAL CONTINUATION SHEET

NOTES



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THIS CONDITION REPORT IS AN IMPORTANT AND VALUABLE DOCUMENT WHICH SHOULD BE RETAINED FOR FUTURE USE **NOTES FOR RECIPIENT**

electrical installation is in a satisfactory condition for continued service. This report provides an and tested, taking into account the stated extent of the installation and the limitations of the inspection assessment of the condition of the electrical installation identified overleaf at the time it was inspected The purpose of periodic inspection is to determine, so far as is reasonably practicable, whether an

installations, BS 7671: 2018 - Requirements for Electrical Installations. This report has been issued in accordance with the national standard for the safety of electrical

may give rise to danger (see PART 6), together with any items for which improvement is recommended The report identifies any damage, deterioration, defects and/or conditions found by the inspector which

If you were the person ordering this report, but not the user of the installation, you should pass this to the user. report, or a full copy of it including these notes, the schedules and additional pages (if any), immediately

provide the new user with an assessment of the condition of the electrical installation at the time the periodic inspection was carried out. further work on the electrical installation in the future. If you later vacate the property, this report will This report should be retained in a safe place and shown to any person inspecting or undertaking

the device stating that it should be tested every six months. For safety reasons it is important that this instruction is followed. Where the installation incorporates a residual current device (RCD) there should be a notice at or nea

of an NICEIC Approved Contractor for the inspection. skilled person or persons, competent in such work. NICEIC* recommends that you engage the services For safety reasons, the electrical installation should be re-inspected at appropriate intervals by a

unit indicating when the next inspection of the installation is due. report. There should also be a notice at or near the main switchboard or distribution board/consumer The recommended date by which the next inspection should be carried out is stated in PART 5 of this

Contractor should have retained the report marked 'Duplicate' Installation Condition Report. You should have received the report marked 'Original' and the Approved Only an NICEIC Approved Contractor or Conforming Body is authorised to issue this NICEIC Electrical

electrical installation and must not be issued to certify new electrical installation work including the replacement of a distribution board or consumer unit. This report form is intended to be issued only for the purpose of reporting on the condition of an existing

identified in PART 10 are missing. The report has a printed seven-digit serial number, which is traceable to the one distribution board or more circuits than can be recorded on PART 12, one or more additional Schedules of permit further relevant information relating to the installation to be recorded. For installations having more than Approved Contractor to which it was supplied by NICEIC. Circuit Details and Test Results should form part of the report. The report is invalid if any of the schedules The report consists of at least six numbered pages. Additional numbered pages may have been provided to

> ordering the report and with other interested parties (licensing authority, insurance company, mortgage limitations on the inspection and testing. The inspector should have agreed these aspects with the person provider and the like) before the inspection was carried out PART 7 (Details and limitations) should identify fully the extent of the installation covered by this report and any

in PART 7. It should be noted that the greater the limitations applying to a report, the less its value from to parts of the installation or to an item of equipment. The inspector should have noted any such limitations the safety aspect Operational limitations may have been encountered during the inspection such as inability to gain access

in PART 6. Where one or more observations have been made in PART 6, the Classification code given to A declaration should have been given by the inspector in PART 4 of the report. The declaration must reflect the statement given in PART 3, which summarises the observations and recommendations made each by the inspector indicates the degree of urgency with which remedial action needs to be taken to restore the installation to a safe working condition.

undertakes the necessary remedial work immediately. Where the inspector has indicated an observation as code C1 (danger present) the safety of those using discovery, and it is recommended that a skilled person(s) competent in electrical installation work the installation is at risk. Wherever practicable, items classified as (C1) should be made safe on

Where the inspector has indicated an observation as code C2 (potentially dangerous) the safety of those using work undertakes the necessary remedial work as a matter of urgency. the installation may be at risk, and it is recommended that a skilled person(s) competent in electrical installation

Classification codes, please see the reverse of page 2. carried out without delay to determine whether danger or potential danger exists. For further guidance on the Where the inspector has indicated that an item requires further investigation (FI), the investigation should be

generator or microgenerator, this should be identified in PART 8 Supply Characteristics and Earthing Where the installation can be supplied by more than one source, such as the public supply and a standby Arrangements, and the Schedules of Circuit Details and Test Results (PART 12) compiled accordingly

the inspection should inform the distributor and/or supplier as appropriate. Where inadequacies in the intake equipment have been observed (Item 1 of PART 10), the person ordering

of the electrical installation reported on, that person should in the first instance raise the specific concerns in make a formal complaint to NICEIC, for which purpose a complaint form is available on request writing with the Approved Contractor. If the concerns remain unresolved, the person ordering this report may Should the person ordering this report have reason to believe that it does not reasonably reflect the condition

of electrical installations (such as lighting levels), or to contractual or commercial issues (such as time or cost) are available upon application. NICEIC does not investigate complaints relating to the operational performance The complaints procedure offered by NICEIC is subject to certain terms and conditions, full details of which

* NICEIC is operated by Certsure LLP, a partnership between the Electrical Contractors' Association and the assessed against particular scheme requirements (including the technical standard of electrical work). charity, Electrical Safety First. NICEIC maintains and publishes registers of electrical contractors that it has

For further information about electrical safety and how NICEIC can help you, visit www.niceic.com

GUIDANCE FOR RECIPIENTS ON THE CLASSIFICATION CODES

Only one Classification code should be given for each recorded Observation

Classification code C1 (Danger present)

Where an observation has been given a Classification code C1, the safety of those using the installation is at risk and immediate remedial action is required.

The person responsible for the maintenance of the installation is advised to take action without delay to remedy the observed deficiency in the installation, or to take other appropriate action (such as switching off and isolating the affected part(s) of the installation) to remove the danger. The NICEIC Approved Contractor issuing this report will be able to provide further advice.

NICEIC makes available 'Electrical Danger Notification' forms to enable inspectors to record, and then to communicate to the person ordering the report, any dangerous condition discovered.

Classification code C2 (Potentially dangerous)

Classification code C2 indicates that, whilst those using the installation may not be at immediate risk, urgent remedial action is required to remove potential danger. The NICEIC Approved Contractor issuing this report will be able to provide further advice.

It is important to note that the recommendation given at PART 5 of this report (Next Inspection) for the maximum interval until the next inspection is conditional upon all items which have been given a Classification code C1 and code C2 being remedied immediately and as a matter of urgency, respectively. It would not be reasonable for the inspector to indicate that the installation is in a casi-factor condition.

It would not be reasonable for the inspector to indicate that the installation is in a satisfactory condition if any observation in this report has been given a code C1 or code C2 classification.

Classification code C3 (Improvement recommended)

Where an observation has been given a Classification code C3, the inspection and/or testing has revealed a non-compliance with the current safety standard which, whilst not presenting immediate or potential danger, would result in a significant safety improvement if remedied. Careful consideration should be given to the safety benefits of improving these aspects of the installation. The NICEIC Approved Contractor issuing this report will be able to provide further advice.

Code FI (Further investigation required without delay)

It should usually be possible for the inspector to attribute a Classification code to each observation without indicating a need for further investigation.

However, where 'FI' has been entered against an observation the inspector considers that further investigation of that observation is likely to reveal danger or potential danger that, due to the agreed extent or limitations of the inspection and/or testing, could not be fully identified at the time.

It would not be appropriate for the inspector to indicate that the installation is in a satisfactory condition if there is reasonable doubt as to whether danger or potential danger exists. Consequently, where the inspector has indicated 'Further investigation required without delay' (FI) the overall assessment of the installation (PART 3) should be marked as 'Unsatisfactory'.

If the inspector has indicated that an observation requires further investigation without delay, the person ordering this report is advised to arrange for the NICEIC Approved Contractor issuing the report (or another skilled person or persons competent in such work) to undertake further examination of that aspect of the installation as a matter of urgency, to determine whether or not danger or potential danger exists.

Further information

Further information on the application of Classification codes, primarily aimed at inspectors but of possible interest to persons ordering condition reports, can be found in Electrical Safety First's Best Practice Guide No 4 Electrical installation condition reporting: Classification Codes for domestic and similar electrical installations. The guide can be viewed or downloaded free of charge from www. electricalsafetyfirst.org.uk

For further information about electrical safety and how NICEIC can help you, visit www.niceic.com

