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25773233

IPN18C

# **ELECTRICAL INSTALLATION CONDITION REPORT**

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

Original (to the person ordering the work)

PART 1 : DETAILS OF THE CONTRACTOR, CLIENT AND INSTALLATION	LLATION	
DETAILS OF THE CONTRACTOR  028288000 Branch No: 000  Trading Title: R J Electrical Services Ltd	DETAILS OF THE CLIENT  Contractor Reference Number (CRN): 23492  Name: Wessex RFCA	DETAILS OF THE INSTALLATION  Occupier: Cinderford Platoon  Address: Cinderford Platoon, Valley Road, Cinderford,
Address: Unit 3a, Barnack Industrial Esta, Kingsway, Salisbury	Address: Wessex Reserve Forces & Cadets Association Mount House, Mount Street, TAUNTON, Somerset	
Postcode: SP2 0AW Tel No: 01722741091	Postcode: TA1 3QE Tel No: N/A	Postcode: GL14 2NX 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: $\rho$ 8/08/2022 - 12/08/2022 $_{ m 1}$	Records available: ( )	Previous inspection report available: () Previous report date: (16/06/2017
PART 3 : SUMMARY OF THE CONDITION OF THE INSTALLATION	NO	
General condition of the installation (in terms of electrical safety): General maintenance required otherwise in good condition. See attached continuation page for details.	ched continuation page for details.	
Estimated age of electrical installation: (40 years Evidence PART 4 : DECLARATION	Evidence of additions or alterations: ()	Overall assessment of the installation is: Satisfactory/UnionAlastationy* (delete as appropriate)
INSPECTION AND TESTING  I, being the person responsible for the inspection and testing of the electrical existing installation, hereby CERTIFY that the information in this report, including	Il installation, particulars of which are described in PART 7 ing the observations (page 2) and the attached schedules, p	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 (page 2) and the attached schedules, provides an accurate assessment of the condition of the electrical installation taking into account the
Name (capitals): BRIAN MCCARTHY	Signature:	Date: 11/08/2022
Name (capitals): ROBERT COOMBS Signatur	Signature: M	Date: 12/08/2022

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Please see the 'Notes for Recipient'

<sup>\*</sup>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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....years/XXXXX\* (delete as appropriate)

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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	PART 5: NEXT INSPECTION	APPROVED  Electrical and CONTRACTOR Plumbing Contractors	
installation should be further inspected and tested after an interval of not more than $\frac{5}{100}$		ELECTRICAL INSTALLATION Issued in accordance with	This report is not valid if the serial number has been defaced or altered

PART 5

Give reason for recommendation: Condition and type of usage.

Urgent r	Immedia	Addition	()	( <u>)</u>	()	()	()	()	()	()	()	()	()	()	()	()	()	( <u>)</u>	()	(.1)	Item No	Referring There ar	CODES:	PART 6
Urgent remedial action required for items: ( N/A	riter	Additional pages? () State page numbers: ()																		6.24Several twin sockets throughout have faulty switches. Wear & Tear	Observation(s)	Referring to the Schedule of Items Inspected (see PART 10), the attached Schedule of Circuit Details and Test Results (see PART 12), and subject to any agreed limitations listed in PART 7: There are no items adversely affecting electrical safety (), OR The following observations and recommendations for action are made:	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 Risk of injury. Immediate remedial action required	PART 6 : OBSERVATIONS AND RECOMMENDATIONS FOR ACTIONS TO BE TAKEN
Further inv	Improvement red																					12), and subje	ent' action required	
Further investigation required for items: (.N/A	commended for items:																					ct to any agreed limitations listed in are made:	CODE C2 'Potentially Dangerous' Urgent remedial action required	
√A	(1		)	)	)			)	)	)	)	)	)						)			PART 7:	CODE C3 'Improvement Recommended'	
			()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	(C3	Code		'Furthe	
			()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	()	(General )	<b>Location Reference</b>		CODE FI Further Investigation Required	

<sup>\*</sup>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.





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# **ELECTRICAL INSTALLATION CONDITION REPORT**

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Original (to the person ordering the work)

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

	(0.69 ) kA (0.33 ) Ω	(	attached schedule) Page No:(N/A)	Confirmation of supply polarity:  Rated current: (100) A Other sources of supply (as detailed on attached schedule) Page No:(N/A.) External loop impedance, $Z_e^{(1)^*}$ .	Rated current: (100) A	nevice	(BS (EN) 1361 Type: ( II
<sup>(1)</sup> By enquiry, measurement, or by calculation	(490) V (230) V	2-phase, 3-wire: ( N/A) Nominal line voltage, $U^{(1)}$ : 3-phase, 4-wire: (	NA	Number and type of live conductors  AC 1-phase, 2-wire: (N/A)  3-phase, 3-wire: (N/A)	TT: (N/A)	System type and earthing arrangements TN-C-S: () TN-S: (N/A) Other (state): N/A	System type and earth TN-C-S: (• Other (state): N/A
				GEMENTS	PART 8 : SUPPLY CHARACTERISTICS AND EARTHING ARRANGEMENTS	HARACTERISTICS A	8 : SUPPLY (
(see additional page No. N/A)	(see additiona	Concealed installation.	regation (6.20,6.21). Concealed inst	Extent of sampling: 20% of accessories were removed for testing purposes and for visual inspection.  Operational limitations including the reasons: Could not confirm the presence of fire barriers (6.19) or cable segregation (6.20,6.21). Concealed installation	removed for testing purpo uld not confirm the presen	)% of accessories were including the reasons:Co	t of sampling: tional limitations
		Agreed with (print name):		itations including the reasons, if any, on the inspection and testing: None	Agreed limitations including the reasons, if any, on the inspection and testing:	uding the reasons, if any, c	ed limitations incl
page No. N/A)	es and generally v	The inspection and testing has been carried out in accordance with 85 7671: 2018, as amended, Cables concealed within trunking and conduits, or cables and conduits concealed under noors, in inaccessible root spaces and generally within the building or underground, have not been visually inspected unless specifically agreed between the Client and the Inspector prior to inspection.  Details of the installation covered by this report. Fixed wiring only  (see additional page No. N/A)	or capi	The inspection and testing has been carried out in accordance with 83 /6/1: 2018, as amended. Capies concealed within trunking and conduits, of the building or underground, have not been visually inspected unless specifically agreed between the Client and the Inspector prior to inspection.  Details of the installation covered by this report. Fixed wiring only	cordance with 85 /6/1: 2018, a spected unless specifically ag Fixed wiring only	The inspection and testing has been carried out in accordance with 83 7671:20 the building or underground, have not been visually inspected unless specifically betails of the installation covered by this report. Fixed wiring only	spection and testinification or underground of the installations of the

## PART 9 : PARTICULARS OF INSTALLATION REFERRED TO IN THIS REPORT

	Electrode resistance to Earth: (N/A) \O	Location: N/A	Where an earth electrode is used insert		Installation earth electrode: (N/A)	Distributor's facility:	Means of Earthing
Connection / continuity verified: ()	(N/A ) $\Omega$ (material Copper csa 16 mm²)	Main protective bonding conductors:	Connection / continuity verified: ()		(material Copper Ga 16 mm²)	Earthing conductor:	Main protective conductors
	Trunking System	Lightning protection: (N/A)	Oil installation pipes:	Structural steel:	Gas installation pipes:	Water installation pipes: () Type:	Main protective bonding connections
Measured operating time: (N/A) ms	RCD rated residual operating current, $I_{\Delta n}$ :	Where an RCD is used as the main switch	N/A)   Current rating: (125) A	(N/A) No. of poles: (3)	( Meter Cupboard	Type: (BS (EN) 60947-3 )	Main switch / Switch-fuse / Circuit-breaker / RCD
Rated time delay:			Voltage rating:	Rating / setting of device:		)	r/RCD

(N/A ) A (400 ) V

(N/A ) mA N/A ms

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

'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, numbered sheets) with additional comments (where appropriate) on attached

<sup>\*</sup>Where the installation is supplied by more than one source, the higher or highest values of prospective fault current, lpf, and external earth fault loop impedance, Ze, must be recorded.



# INSTALLATION CONDITION REPOR

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

Original (to the person ordering the work)

#### 3. Automatic disconnection of supply 3.1 Main earthing and bonding arra 2. Presence of adequate arrangements for parallel or switched **PART 10: SCHEDULE OF ITEMS INSPECTED** 2.1 Adequate arrangements where a generating set operates as a 1. External condition of electrical intake equipment (visual inspection only) the person ordering the report informs the appropriate authority.) (If inadequacies are identified with the intake equipment, it is recommended Main earthing and bonding arrangements Adequate arrangements where generating set operates in Metering equipment: (... Earthing arrangement: (.... Presence of alternative / additional supply arrangement warning notice(s) at or near equipment, where required Source providing at least simple separation Presence and condition of distributor's earthing arrangement: (.... Plugs, socket-outlets and the like not interchangeable Adequacy of main protective bonding conductor connections: (.... Accessibility of main protective bonding connections: Adequacy of earthing conductor connections: Adequacy of earthing conductor size: Presence and condition of earth electrode arrangement, with those of other systems within the premises: Provision of earthing / bonding labels at all bonding connections: Accessibility and condition of other protective Adequacy of main protective bonding conductor size(s): Accessibility of earthing conductor connections: appropriate locations: 1.2 Service head: 1.6 Isolator (where present): 1.4 Meter tails: N (......) 5.16 Manual operation of circuit-breakers and RCDs to N.A 5.20 5.19 5.18 5.17 5.10 5.9 5.23 5.22 All other required labelling provided 5.15 RCD(s) provided for protection against fire – includes RCBOs: 5.14 RCD(s) provided for additional protection – includes RCBOs: 5.13 RCD(s) provided for fault protection – includes RCBOs: 5.12 Adequacy of protective devices for prospective fault current: 5.8 5.7 5.6 5.5 5.4 5.2 4. Other methods of protection 5.21 Presence of next inspection recommendation label 5. Distribution equipment 5.11 Correct identification of circuit protective devices Details should be provided on separate sheets Compatibility of protective device(s), base(s) and Confirmation that integral test button/switch causes RCD(s) at or near equipment, where required: Presence of non-standard (mixed) cable colour warning notices Presence of diagrams, charts or schedules at or near equipment, Presence of RCD six-monthly retest notice at or near to trip when operated (functional check) Operation of main switch(es) (functional check): Presence of main switch(es), linked where required: Presence and effectiveness of obstacles: Enclosure not damaged / deteriorated so as to impair safety: Condition of enclosure(s) in terms of fire rating: Condition of enclosure(s) in terms of IP rating: Adequacy / security of barriers: Condition of insulation of live parts Adequacy of working space / accessibility of equipment: equipment, where required: Page No. (N/A ९९ 3 9 9 9 7 9 6.13 Presence and adequacy of circuit protective conductors: 5.24 Single-pole switching or protective devices in line conductors only: (......... 6.15 Cable installation methods / practices appropriate to the type 6.8 6.7 6.4 6.3 6.2 6.1 5.25 Protection against mechanical damage where cables 6. Distribution / final circuits 6.14 Co-ordination between conductors and overload Cables adequately protected against damage and abrasion: Cables where exposed to direct sunlight, of a suitable type or Adequacy of protective devices; type and rated current for Adequacy of cables for current-carrying capacity with regard Examination of cables for signs of unacceptable thermal and Condition of insulation of live parts Cables correctly supported throughout their length: Protection against electromagnetic effects where cables protective devices: Adequacy of AFDD(s), where specified: Indication of SPD(s) continued functionality confirmed Non-sheathed cables protected by Identification of conductors and nature of installation and external influences: to the type and nature of installation: Confirmation that conductor connections, including Cables correctly terminated in enclosures Suitability of containment systems for continued use connections to busbars are correctly located in terminals (indicate extent of sampling in PART 7 of report): (including flexible conduit): enter ferrromagnetic enclosures: ۶, 3 5 < 5 < ?

2.3

2.2

1.5 1.3

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

3.2

7 g) e) d) 0 b)

b) a

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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)





# **INSTALLATION CONDITION REPOR**

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Original (to the person ordering the work)

#### 6.22 Page No(s): 6.25 Suitability of accessories for external influences 6.24 Condition of accessories including socket-outlets, switches 6.23 Temperature rating of cable insulation addequate: 6.21 Cables segregated / separated from non-electrical services: 6.19 Provision of fire barriers, sealing arrangements and protection 6.18 Provision of additional protection by an RCD not exceeding 30 mA PART 11 : SCHEDULES AND ADDITIONAL PAGES PART 10 : SCHEDULE OF ITEMS INSPECTED Schedule of Inspections Note: Older installations designed prior to BS 7671: 2018 may not have been Band II cables segregated / separated from Band I cables: Termination of cables at enclosures e d) C) (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 Connections under no undue strain: For all socket-outlets with a rated current not exceeding 32 A Connections of live conductors adequately enclosed: Circuits supplying luminaires within domestic For cables concealed in walls / partitions containing metal For cables concealed in walls / partitions at a depth of less Supplies for mobile equipment with a rated current not exceeding 32 A for use outdoors: parts regardless of depth ( 4 & 5 Page No(s): **Schedule of Circuit Details and Test Results** for the installation NA C3 9 ? 6, 7-13 6.26 7.3 7.2 7. Isolation and switching 6.27 The pages identified are an essential part of this report (see Regulation 653.2) **b**) Functional switching 6 Emergency switching off / stopping Switching off for mechanical maintenance 6 Adequacy of connections, including cpcs, within accessories Single-pole switching or protective devices in line conductors only and to fixed and stationary equipment: Readily accessible for operation where danger might occur: (.... Correct operation verified: Capable of being secured in the OFF position: Acceptable location: Correct operation (functionality) verified: Presence and condition of appropriate devices: Presence and condition of appropriate devices: Clearly identified by position and / or durable marking(s): Presence and condition of appropriate devices: Warning label posted in situations where live parts cannot Clearly identified by position and / or durable markings: Correct operation verified: Capable of being secured in the OFF position Acceptable location (local / remote): be isolated by the operation of a single device: Presence and condition of appropriate devices: Page No(s): Additional pages, including data sheets for additional sources 14-15 Page No(s): Special installations or locations (indicated in item 9. above) ۶ و 9 3 < ९९९ 3 9 9 NA 9 Name (capitals): BRIAN MCCARTHY of inspection on a separate numbered page on a separate page: 8.3 8.2 8. Current-using equipment (permanently connected) Signature:. **SCHEDULE OF ITEMS INSPECTED** Indicate if the relevant requirements of Part 7 are satisfied and append results N A List number and location of luminaires inspected 8.6 8.5 8.4 Recessed luminaires (e.g. downlighters) Cable entry holes in ceiling above luminaires, sized or sealed Security of fixing: Enclosure not damaged / deteriorated so as to impair safety, Condition of equipment in terms of IP rating: so as to restrict the spread of fire: Suitability for the environment and external influences: Equipment does not constitute a fire hazard List all special installations or locations covered by this report No signs of overheating to conductors / terminations: No signs of overheating to surrounding building fabric Installed to minimise build-up of heat Correct type of lamps fitted: A S Page No(s): Continuation sheets Date: None 11/08/2022 Page No. (N/A.... < N/A (N/A 3 < ?

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

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

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

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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





# **ELECTRICAL INSTALLATION CONDITION REPOR**

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당 3	0v	Su	7	(to	_		8L3	81.2	BL1	7TP	9ТР	9TP	4L3	412	4L1	3L3	31.2	3L1	2TP	1TP	Cir	cuit numbe	r	00	PA
~	Overcurrent protection device for the distribution circuit		TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED	to be completed in every case)	DISTRIBUTION BOARD (DB) DETAILS		Main Gate Supply (NOT TESTED)	Spare	Spare	Spare	Supply to DB5	Supply to DB4 D	Spare	Fire Alarm O	Light: Meter cupboard C	Spare	Supply to DB6	Spare	Supply to DB2	Supply to DB3			Circuit description	CODES for Type of wiring (A) Thermoplastic insulated /	PART 12 : SCHEDULE OF CIRCUIT DETAILS
supply	ribution /A		)B IS		S DB																	rpe of wirin see Codes)	g	(B) Th	DETAI
polarity	1 circu		NOT	cation	B design		0				80	В		B	В		0		8	C	Refe	rence Met ( <i>BS 7671</i> )	hod	ermoplasti tallic conc	
(N/A	-		CONI	Location of DB:	designation:		1					1		1	2		1		1	1	Numbe	r of points	served	(B) Thermoplastic cables in metallic conduit	ND TI
<u>.</u>	ype: (B		NECTI		DB1		2.5				25	25		1.5	1.5		o		25	16	Live (mm²)		condu		ST R
Phase:	Type: (BS ENA		ED DI	Meter Cupboard			2.5				16	16		1.5	1.5		o		16	Arm	cpc (mm²)		Circuit conductor csa	Thermopla	AND TEST RESULTS
sequence	S EN N/A		RECTLY	board			0.4				Oi	Sī		0.4	0.4		Oi		On	51	€ Max	disconnec	tion	(C) Thermoplastic cables in non-metallic conduit	SI
Phase sequence confirmed (where appropriate); (N/A)	Α		DIRECTLY TO THE				60898				60898	60898		60898	60898		60898		60898	60898	BS	(EN)		(D) Thermoplastic cables in metallic trunking	Circuits
where	Ratir	Nom	ORIG		TESTED		В				00	00		œ	C		В		œ	8	Т	уре	Protective device	dastic cabl trunking	/equip
approp	Rating: (N/A	inal vo	N OF		ED BY		16				63	63		တ	10		32		63	63	€ R	ating	e device	_	ment v
oriate): (	A ) mA	Nominal voltage: (	표	Si			10				10	10		10	10	7	10		10	10		rt-circuit		(E) Thermop	ulnerab
	<b>D</b>	V/A)V	ORIGIN OF THE INSTALLATION	Signature:	Name (capitals): BRIAN		NA				N/A	N/A		N/A	N/A		N/A		N/A	N/A	(mA)	Operating current, I		Thermoplastic cables non-metallic trunking	Circuits/equipment vulnerable to damage when te
$Z_S(N/A)_{\Omega}$	One	No.	ATION	2	itals): Br		2.73				0.69	0.69		7.28	2.19		1.37		0.69	0.69	(22)	faximum pe Z <sub>S</sub> for inst	alled	in (F) 1	age wh
Ω()	rating ti	of phas		] i																	(Line)		evice	hermoplasti	en testii
Ipf(N/A ) KA	Operating time (N/A	No. of phases: (			MCCARTHY				$\vdash$												(Neutral)	Ring final circuits only (measured end to end)	Cir	(F) Thermoplastic / SWA cables	sting :
) KA	ms	<u>:</u>			푸																(cpc)	its only to end)	Circuit impedances (Ω)	-	
(N/A	N/A	Mult 101	TES						$\vdash$		0.04	0.01		0.21	0.05		0.21		0.05	0.01	$(R_1 + R_2)$	(cor	nces (Ω)	nosetting /	
n electro	lation re	Multi-function: (101389357	T INS						-													All circuits (complete at least one column)		(G) Thermosetting / SWA cables	
ode resi	Insulation resistance: N/A	on:	RUME					-	-	_	500	500		500	500		500		500	500	R <sub>2</sub> ()	All and		_	
Earth electrode resistance:	е:		TEST INSTRUMENTS (enter serial number against each instrument used)		Pc			_			500	500		500	500		500		500	500	(MQ) (	Live   L	Insulatio	(H) Mineral-insulated cables	
)	)		inter ser	Date: 08/08/2022	Position: Electrician			_					_								(MΩ)	Live / Earth	Insulation resistance	_	
	(ZE	( <del>)</del> (2)	ial num	08/202	lectrici						500	500		500	500		500		500	500		Test voltage DC	e e	(0) other - state: FP200	
RCD: (N/A	I/A fai	Continuity:	ber aga	2	an		-	+		-	0.36	0.33	-	0.54	0.38		0.53		0.38	0.33	S = Ma	Polari x. measure		state: FF	
	Earth fault loop impedance: (N/A	- X	inst eac				-	-		-	36	33	-	54	88		53		38	33	SUBLACE	loop impeda	ence, Zs	200	
	impeda		ch instr				-				Z	Z		Z	Z		Z		Z	Z	(ms)	in in	RCD operating		
)	nce:		ument u								N/A			N/A N	N/A		N/A		N/A	N/A	28		Test buttons		
			sed)								N/A	N/A		N/A	N/A		N/A		N/A	N/A	E 2		Ø		

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NA



#### **Plumbing Contractors** Electrical and

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CONTINUATION SHEET

**ELECTRICAL INSTALLATION CERTIFICATES & ELECTRICAL INSTALLATION CONDITION REPORTS** 

Coldict for Type of Writing   (A)   Thermodestic malabast   (B)   Thermodestic cables   (C)   Thermodestic cable								A Para	9								ĭ	GF Corridor	p. GF	Location of DB:	Loca	rv case)	to be completed in every case	5
Control for Prince of working   An International Internation   An International Internation   An International I		cian	Position: Electrician	Position					AN MCCARTHY	AN MC	Name (capitals): BRI	me (capit		TED BY	TEST			10	on DB	esignat	DB d	ARD (DB) DETAILS	ISTRIBUTION BO	DIS
Control   Cont			250	200	200		0.69				4.37	N/A	10	10	8	60898	0.4		1.5	13	В		Lights: First Floc	
Circuit description																							Spare	
Circuit description		?	500	500	500		0.01				0.68	N/A	10	32	C	60898	0.4	6	6	1	В		Kitchen Dishwas	
Circuits for Tippe of whiting   Circuits   Circuit   Circuits																							Spare	
Circuit description   Circuit period withing   Circuit description   Circuit descripti	0.38		500	500	500		0.02	0.30	0.39	0.39	0.68	30	10	32	C	61009	0.4	2.5	2.5	51	В	Hall	Sockets: Entrand	
Circuit   Continue   Circuit   Continue   Circuit   Ci											0.68	30	10	32	C	61009	0.4	2.5	2.5	ω	В	TESTE	Armoury Alarm/So	11.012
Circuit description	0.46	0,555	250	200	200		0.07				2.19	N/A	10	10	C	60898	0.4	1.5	1.5	13	œ		Lights: Accomm	ŭ
Circuits   Continue	0.42	5000	500	200	200		0.05	0.39	0.61	0.58	0.68	30	10	32	C	61009	0.4	2.5		12	8		Sockets: Officer	
Circuit description	0.42		500	200	200		0.06	0.18	0.45	0.51	0.68	30	10	32	C	61009	0.4	2.5		7	В		Sockets: Corrido	-
Circuit description   Circuit   Circuit   Circuit   Circuit   Circuit   Conductor   Circuit   Circuit   Conductor   Circuit   Circuit   Circuit   Circuit   Circuit   Circuit   Circuit   Conductor   Circuit   Circui	0.4		500	500	500		0.08				1.37	N/A	10	32	В	60898	0.4	0	6		8		Kitchen Hot Cup	
Contractive																							Spare	
Circuit   Circ	0.42	1.00	500	500	500		0.09				2.19	N/A	10	20	В	60898	0.4	6	တ		8	D	Kitchen Fryer	
Circuits	0.0		250	200	200		0.13				2.19	N/A	10	10	C	60898	0.4	1.5	1.5	00	В	D	Lights: Kitchen	21.3
Circuit description	-		250	200	200		0.30				4.37	N/A	10	10	8	60898	0.4	1.5	1.5	4	8	D	Lights: Stairs	22
Circuit   Continue   Circuit   Continue   Circuit   Ci	0.5	-	250	200	200		0.10					N/A	10	10	Φ.	60898	0.4	1.5	1.5	7	œ		Lights: Officers I	21.1
The continuity of the continui	1.5		250	200	200		0.64				4.37	N/A	10	10	8	60898	0.4		1.5	7	œ	D	Lights: Ablutions	113
Circuits/equipment vulnerable to damage when testing			250	200	200		0.46				4.37	N/A	10	10	В	60898	0.4	1.5	1.5	13	В		Lights: WC's & /	2
IPN : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS  Circuits/equipment vulnerable to damage when testing :	-		250	200	200		0.35				4.37	N/A	10	10	Φ.	60898	0.4	1.5	1.5	13	8	Hall	Lights: Entrance	=======================================
IPN: SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS  Circuits/equipment vulnerable to damage when testing:	- M	S	3	(MQ)	(MQ)	R <sub>2</sub>	$(R_1 + R_2)$	(cpc)	(Neutral)	(Line)	(Ω)	(mA)	Sh Sh	(A)			€ Ma	1000	1000	Num				
IPN : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS    Circuit specified   Circuit description   Circuit description   Circuit   Circuit	av maanuad		Test voltage DC	Live / Earth	Live /	rcuits te at least olumn)	All c (comple one c	ts only to end)	final circui	Ring (mea	Zs for insta			Rating	Туре						(see Codes)	Type of wirin		Circuit numbe
IPN: SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS  Circuits/equipment vulnerable to damage when testing		,	istance	ulation resi	In		ces (Q)	ıit impedan	Circu		lled	RCD		ve device	Protecti		tion	Circuit ductor es		anyad			Circuit d	ır
IPN : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS  Circuits/equipment vulnerable to damage when	Z	ır - state:	$\perp$	sulated cables	1) Mineral-in	_	osetting / SWA	(G) Therm	SWA cables	ermoplastic /		astic cables i		_	noplastic ca llic trunking	_	astic cables in Ilic conduit	) Thermopl	_	oplastic cab c conduit	(B) Therm	(A) Thermoplastic insulated / sheathed cables	ODES for Type of wiring	000
										n testing	age whe	e to dam	ulnerabl	pment vi	its/equi		ILTS	RESU	) TES	SAN	DETAII	ULE OF CIRCUIT I	XX / IPN : SCHEL	(Delete

Phase sequence confirmed (where appropriate):  $(N/A) Z_s(0.38) \Omega / p_f(0.61) kA$ 

Operating time (N/A

....) ms

Earth electrode resistance:

nsulation resistance: N/A

Earth fault loop impedance:

Page 7 of 15

Overcurrent protection device for the distribution circuit

Type: (BS EN 60898

Nominal voltage: (400...) V

No. of phases: (.3...

TEST INSTRUMENTS (enter serial number against each instrument used)

Continuity:

Rating: (63.....) A *I*<sub>Δη</sub> ( N/A ) mA

No. of poles: ( N/A ...)

Type: (BS EN N/A

Supply to DB is from: ( DB1 - 2TP

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Characteristics at this DB Associated RCD (if any)

Confirmation of supply polarity: (.....)

**Plumbing Contractors** 

#### CONTINUATION SHE

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

#### 12TP Spare ITP Spare 10L3 10L2 Kitchen Roller Door 10L1 Supply to DB is from: ( DB1 - 2TP Characteristics at this DB Overcurrent protection device for the distribution circuit TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION Associated RCD (if any) (to be completed in every case **DISTRIBUTION BOARD (DB) DETAILS** XCM / IPN : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS **CODES** for Type of wiring Spare 32A Socket: Officers Mess Lights: NCO Accommodation Oven/Extractor Hood Sockets: Accommodation Sockets: Kitchen Sockets: First Floor Left Sockets: First Floor Right Circuit description (A) Thermoplastic in sheathed cables Confirmation of supply polarity: (..... Type: (BS EN N/A lastic insulated / 0 0 D 000 Type of wiring (B) Thermoplastic cables in metallic conduit (see Codes) DB designation: DB2 Location of DB: GF Corridor П П В 8 0 В В В Reference Method (BS 7671) 6 10 10 Number of points served Type: (BS EN 60898 2.5 2.5 2.5 2.5 2.5 1.5 Live (mm<sup>2</sup> Circuit conductor csa (C) Thermoplastic cable Phase sequence confirmed (where appropriate): (..... No. of poles: ( ..... 2.5 2.5 2.5 2.5 2.5 1.5 (mm<sup>2</sup>) 0.4 0.4 0.4 0.4 0.4 0.4 Max. disconnection time (BS 7671) 61009 61009 61009 61009 60898 61009 61009 60898 0 Circuits/equipment vulnerable to damage when testing ... BS (EN) Protective device **TESTED BY** 0 ₿ W Rating: ( 63 ..... ) A Nominal voltage: (400 Type /Δη ( N/A ) mA 32 32 32 32 32 32 10 A Rating Ê 10 10 10 10 10 10 10 0 (KA Name (capitals): .... Signature: capacity Signature: N/A N/A 30 30 30 30 30 30 (MA) Operating RCD . < current, I $Z_{s}$ (0.38) 0.68 0.68 0.68 2.19 1.37 1.37 Maximum permitted Z<sub>S</sub> for installed .37 .37 No. of phases: (.3. 12 Operating time (N/A) (F) Thermoplastic / SWA cables BRIAN MCCARTHY protective device\* ...) D 0.83 0.54 0.73 0.71 .48 /pf 0.61 Ring final circuits only (measured end to end) 0.54 0.73 0.71 0.48 0.83 (Neutral) Circuit impedances (Q) :. | KA ...) ms 0.39 0.33 0.54 0.73 0.73 (G) Thermosetting / SWA cables (cpc) 0.13 0.10 0.25 0.03 0.05 0.12 NA electrode resistance: Multi-function: 101389357 0.09 0.17 TEST INSTRUMENTS (enter serial number against each instrument used) N/A (R, +R)All circuits (complete at least one column) NA R (H) Mineral-insulated cables 500 500 500 500 200 500 500 500 (MQ Live / insulation resistance 500 500 500 500 500 500 500 Date: Position: Electrician 200 (MQ Live / Earth 09/08/2022 500 500 500 500 500 250 500 500 Voltage DC (0) other - state: 3 Earth fault loop impedance: N/A ? 9 3 9 3 7 7 ? 3 Polarity 0.46 0.39 0.42 0.47 0.13 0.55 0.50 0.63 N/A Max. measured earth fault loop impedance, Zs 38.7 38.8 38.8 38.8 38.7 19 (ms RCD NA N A SB ? ? 9 9 ? ? Test NA NA NA NA N A N/A N/A NA SA

9L3

**7L3** 

Circuit number

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Enter a (V) or value in the respective fields, as appropriate.

\* Where figure is not taken from BS 7671, state source:

Page

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of

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This form is based on the model forms shown in Appendix 6 of BS 7671

## not the same as the corresponding certificate or report.

**ELECTRICAL INSTALLATION CERTIFICATES & ELECTRICAL INSTALLATION CONDITION REPORTS** CONTINUATION SHEET

International   Company	S	As		Su	10	(to	D	6L3	6L2	6L1	5L3	512	5L1	4L3	412	4L1	3L3	3L2	3L1	2L3	212	2L1	1L3	12	11.		Circuit nu	ımbe	r	co	(Delet
Commentation   Comm	Characteristics at this DB Confirmation o	Overcurrent protection device for the dis  Associated RCD (if any) Type: (BS EN.)		is from: ( DB1 - 6TP	BE COMPLETED ONLY IF THE	to be completed in every case)	(DB)	Sockets: Classroom 1	Sockets: Rear Stairs	Sockets: QM Stores	Sockets: COY Office/Corridor		Socket: Side Stairs	Lights: Drill Hall	Sockets: Room 22		Lights: Drill Hall	Lights: Rear Stairs	Lights: QM Stores	Classroom	Classroom	Lights: Side Stairs	Lights: COY Office/Corridor	Lights: Room 22	Redundant Range Not				Circuit description	CODES for Type of wiring (A) Thermoplastic insulated	
Commentation   Comm	f supply	tributio N/A			DB IS	L	15.5	0	0	D	0	0	D	D	D	D	0	0	0	0	0	0	D	D	0				,	$\vdash$	T DE1
Commentation   Comm	polarity	n circu			TON	ocation.	)B desi	В	В	æ	В	8	В	В	В	В	В	В	В	В	8	8	8	В	80	Re			nod	hermoplast netallic con	AILS
SUITS		<u>:</u> _			CONN	of DB:	gnation											7		7	7	9	4	4		Num	ber of poi	nts s	erved	ic cables in duit	AND T
Checumbatic coloring	-	m	(00		ECTE		DB5	2.5		Ċħ				1.5			1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	Live (mm <sup>2</sup> )			Circ		EST R
Circuits/equipment vulnerable to damage when testing :	nase sec		9 :			jacent			51	Ċī	21	.5	.21	.5	.5	.5	.51	.5	1.5	.51		1.5	1.5		1.5	cpc (mm²)			cuit tor csa	ermoplastic	ESUL
Sequipment vilnerable to damage when testing	quence	les: (N	898		СТГА	Room		0.4	0.4	0.4	0.4		0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	(s) M			100	cables in conduit	S
Sequipment/ulmerable to damage when testing	confirmed	Ά	-		TO THE	22		61009	61009	61009	61009	61009	61009	60898	61009	61009	60898	60898	60898	60898	60898	60898	60898	60898	60898	-	BS (EN)			(D) Thermo	Circuit
C	(where	Ratir /					TEST	C	ဂ	C	C	C	8	C	С	С	C	C	C	С	C	C	C	C	C		Туре		Protectiv	oplastic cab c trunking	:s/equip
Test   Concession   Concessi	appropr	)g: ( )S	63	inal volt	N OF		ED BY	32	32	32	32	32	16	10	32	32	10	10	10	10	10	10	10	10	10	(A)	Rating		e device		ment vu
Trest-bate in	riate): (!	1	- "	tage: ( 4	盖	Sig		10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10			t			Jinerab
Circuit impedances (A)   Complete at least (Complete at least (	<u>:</u> _		:	00	STAL	nature:	me (cap	30	30	30	30	30	30	N/A	30	30	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	(mA)			RCD	lastic cables illic trunking	to
Circuit impedances (A)   Circuit impedance (A)	3	Ope		No.	LATIO	a de de	itals): B	0.68	0.68	0.68	0.68	0.68	2.73	2.19	0.68	0.68	2.19	2.19	2.19	2.19		2.19	2.19	2.19	2.19	(Ω)	Zs for	insta	alled	5	nage w
cult impedances (Q)         All circuits one of complete albests on each of the and of th	ω)	erating t	7	of pt	2		5.00	9	0.66	0.91	0.39	0.8			0.49											(Line			evice*	Thermoplas	nen test
Light measuring / SWA cables of the count impedances (D)         (H) Mineral-insulated cables         (O) other - state:         VI/A           at circuits one of count of the complete at least one column)         Live / Live / Live / Live / Complete at least one column)         Live / Live / Live / Live / Live / Live / DC complete at least one column)         Live / Live / Live / Live / Live / DC complete at least one column)         Itest / AS and column / DC complete at least one column)         Itest / AS and column / DC complete at least of complete at least one column)         Itest / AS and column / DC complete at least one column)         Itest / AS and column / DC complete at least one column / DC c	/pf 0.6	ime (N/		es: ( 3			ACCAR	0.90	0.65	0.90	0.39	0.8			0.52												ling final c			tic / SWA ca	ing
Test   Comparison   Compariso				<u></u>			YHT					0.31			9000												end to end)		Circuit imped		
(H) Mineral-insulated cables   (O) other-state: NI/A	ENT)	(NSul		Multi	TES									0.31			0.32	0.36	0.26	0.20	0.16	0.09	0.07	0.12		1000	(con		dances (Q)	ermosetting / S	
Continuity:   Continuity:   Continuity:   Continuity   Continuity:   C	electro	ation re		function 38935	TINST																						plete at lea	ll circuits		WA cables	
Continuity:   Continuity:   Continuity:   Continuity   Continuity:   C	de resis	sistance		<b>7</b> ⊡	RUME			500	500	500	500	500	500	200	500		200	200	200	200	200	200	200	200			N-SIDE S			(H) Mine	
Cables   (0) other - state: N/A	tance:				NTS (e	Da	Po																						Insulatio	ral-insulated	
(C) other - state: N/A  (D) other - state: N/A  Test Polarity DC (M) (A) (MS)  (M) (A) (MS)  (MS				-	nter ser	te: 08/(	sition: E																			MΩ)			n resistan		
Polarity   RCD   RCD   A   N/A   N/A		3 : Z	1 🙃	20	ial num	)8/202	lectrici																				voltage DC		93	(O) other -	
## RCD   Test operating   W/A   W/A	Nº.	rth fault		ntinuity	er agai		an																							state: N/A	
Test		loop im			nst each									S			۵	ω	۵۵	S		0)		O)		2500	iit toop imj				
e: VI		pedanc	- !!		instrum									N/A			N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A		1000		0	ing		
, אווי ומומוסוסוטוטוטועו ועועועוען ען ען ען אווי ווי ומומוסוסוטוטוען אווען אווען אווי אווי ווי וויי וויי ו		, rō			ent use			N/A	N/A	N/A	N/A	N/A		N/A	N/A		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A			-		Test		

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Cha	000	Sul	10	6	2							12TP	11TP	10TP	9TP	8L3	81.2	8L1	7L3	712	7L1	C	ircuit numbe	r	00	(Delet
Characteristics at this DB Confirmation of supply polarity: (	dev	Supply to DB is from: ( DB1 - 6TP	BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE	(to be completed in every case)	DISTRIBITION ROARD (DR) DETAILS							Spare	Spare	Spare	Spare	32A Socket: Drill Hall	Spare	Spare	Sockets: Drill Hall	Sockets: Not Located Not Tested	Patch Cabinet: QM Store			Circuit description	CODES for Type of wiring (A) Thermoplastic insulated /	አርኒኣ / IPN : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS
vlaans	ributio J/A		DB IS													0			0	D	0	1	Type of wiring (see Codes)		_	T DET.
polarity	n circu		TON	Location of DB:	R desir											В			В	В	В	Re	ference Meth (BS 7671)	od	ermoplasti etallic cond	AILS /
•	-		CONN	of DB:	DB designation: DB5														12			Numb	er of points s	erved	(B) Thermoplastic cables in metallic conduit	ND T
	/pe: (B:		ECTE	GF A	.DB5											6			2.5	2.5	2.5	Live (mm <sup>2</sup> )		Cir		EST F
hase se	Type: (BS EN 60898		D DIR	djacen												6			2.5	2.5	2.5	cpc (mm²)		Circuit conductor csa	hermoplast on-metallic	RESUL
Phase sequence co	898		ECTL	GF Adjacent Room 22												0.4			0.4	0.4	0.4	60	x. disconnec		(C) Thermoplastic cables in non-metallic conduit	SI
No. of poles: $(\dots, )$ $(\Delta n) (\dots, )$ IIIA  Phase sequence confirmed (where appropriate): $(N/A)$	A		TO THE	1 22												61009			61009	61009	60898		S (EN)		(D) Thermoplastic cables in metallic trunking	Circuit
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e appropria	Rating: ( 63	Nominal voltage: ( 400	NOF		ED RV											32			32	32	16	ê F	Rating	device		ment vı
riate): (N		tage: ( :	ᆵ							П						10			10	10	10		ort-circuit apacity		E) Thermop	ılnerab
<u>.                                    </u>		۷ (	ORIGIN OF THE INSTALLATION	Signature:	Name (canitals): BRIAN											30			30	30	N/A	(mA)	Operating current, I	RCD	(E) Thermoplastic cables in non-metallic trunking	Circuits/equipment vulnerable to damage when te
0.36		No.	ATION		tale). BF				T							0.68			0.68	1.37	1.37	(Ω)	Vaximum per Z <sub>S</sub> for instructive de	lled		age wh
$Z_c$ 0.36 $\Omega$ $I_{nf}$ 0.63 $\Omega$	N/A	No. of phases: (.3																	1.00			(Line)			(F) Thermoplastic / SWA cables	en testing
ρ.63	N/A	s: ( 3			MCCARTHY				T	П	1								1.00			(Neutral)	Ring final circuits only (measured end to end)	Cir	SWA cable	3.
<u> </u>	ĺ	<u>.</u>			Ŧ-				$\dagger$		+								0.37			al) (cpc)	uits only d to end)	Circuit impedances (Ω)		
ENT/b	Insul N/N	Multi 101	TES:		-			+	+		+					0.02			0.16		0.18	$(R_i + R_i)$	f (com	ances (Ω)	(G) Thermosetting / SWA cables	
electro	Insulation resistance: N/A	Multi-function: 101389357	INST		-			+	+		+											7 <sub>2</sub> ) R <sub>2</sub>	All circuits (complete at least one column)		WA cables	
Earth electrode resistance:	istance:	7.7	RUMEN								+					500			500		500	(MΩ)	t Live /		(H) Mineral-insulated cables	
ance:			TS (en	Date	Posi			+			+					500			500		500	(MΩ)	/ Live / Earth	Insulation resistance	-insulated ca	
_			er serial	Date: 08/08/2022	Position: Electrician	+		+								500			500		500	2) (V)	e / Test th voltage DC	esistance		
NSP.	(N/Eart	C N	numbe	2022	ctriciar	+	$\vdash$	+	+	H	-					9			9		<	3	Polarit	V	(0) other - state: N/A	
٠.	h fault l	Continuity:	r again:		-			$\dagger$	+							0.40			0.55		0.53	1000	ax. measured t loop impeda		e N/A	
	Earth fault loop impedance: N/A		TEST INSTRUMENTS (enter serial number against each instrument used)		-											38.6			38.5			(ms)	time			
	dance:		strumen													9			<		N/A	SB				
-	<u>.</u>		t used)													N/A			N/A		N/A	SAB		Test		

No. of poles: ( \text{NO}) $I_{\Delta n}$ (\text{NIA}) mA Operating the propriate of the	NNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLA:  Nominal voltage: (400) V  Type: (BS EN 60898) Rating: (63) A	
device for the distribution circuit Type: (BS EN $\frac{60898}{1000000000000000000000000000000000000$	E ORIGIN OF THE INSTALLA:  Nominal voltage: ( .400 ) V	TEST INSTRUMENTS (enter serial number against each instrument used Multi-function: Continuity: (101389357 C) (N/A
1 Type: (BS EN $\frac{N/A}{An}$ ) No. of poles: $\frac{N/A}{An}$ ) $\frac{N/A}{An}$ ) mA Operating Certsure LLP operates the NICEIC & ELECSA brands $\frac{N/A}{An}$ $\frac{N/A}{An}$ $\frac{N/A}{An}$ ) mA Operating $\frac{N/A}{An}$	Type: (BS EN 60898 )	Insulation resistance:
B Confirmation of supply polarity: $\{\dots, \dots, \dots\}$ Phase sequence confirmed (where appropriate): $\{\dots, \dots, \dots\}$ so forms shown in Appendix 6 of <i>BS 7671</i> Enter a $\{\mathcal{N}\}$ or value in the respective fields, as appropriate.  *Where figure is Certsure LLP operates the NICEIC & ELECSA brands  © Copyright Certsure LLP (July 2018)	No. of poles: $(N/A)$ $I_{\Delta n}(N/A)$ mA	( N/A
I forms shown in Appendix 6 of <i>BS 7671</i> Enter a ⟨✓⟩ or value in the respective fields, as appropriate. *Where figure is Certsure LLP (July 2018)		Earth electrode resistance:
	forms shown in Appendix 6 of <i>BS 7671</i> Enter a ⟨√⟩ or value in the respective fields, as appropriate. *Where figure is Certsure LLP operates the NICEIC & ELECSA brands @ Copyright Certsure LLP (July 2018)	ate source: ( N/A

## **CONTINUATION SHEET:**

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

(A) Thermoplastic insulated / (A) the anthed cables (B) Thermoplastic for Control (B) Thermoplastic control (See Codes)  Type of wiring (see Codes)  Type of wiring (see Codes)  Type of wiring (see Codes)	11.3 Lights: Corridor 21.1 Sockets: Rooms 21.2 Sockets: Rooms 21.3 Spare 3TP Spare 4TP Spare 5L1 Lights: Range 5L2 Lights: Range 5L3 Extractor Fans: 6L1 Lights: Plant Ro 6L2 Lights: Range Ic 6L3 Lights: Range Ic 6L4 Lights: Range Ic 6L5 Lights: Range Ic 6L4 Lights: Range Ic 6L5 Lights: Range Ic 6L4 Lights: Range Ic 6L4 Lights: Range Ic 6L5 Lights: Range Ic 6L4 Lights: Range Ic 6L5 Lig	11.3 Lights: 0 21.1 Sockets 21.2 Sockets 21.3 Spare 3TP Spare 4TP Spare 51.1 Lights: F 51.2 Lights: F 51.2 Lights: F 61.2 Lights: F 61.3 Extracto 61.1 Lights: F 61.2 Lights: F 61.3 Extracto 71.1 Sockets 71.2 Spare 71.1 Sockets 71.2 Spare 71.3 Spare 71.3 Spare 71.5 Spare 71.7 Spare 71.8 Spare 71.8 Spare 71.8 Spare 71.8 Spare 71.9 Spare 71.9 Spare 71.1 Spare 71.1 Spare 71.2 Spare 71.1 Spare 71.2 Spare 71.3 Spare 71.3 Spare 71.3 Spare 71.3 Spare	113 Lights: C 211 Sockets 212 Sockets 213 Spare 3TP Spare 4TP Spare 511 Lights: F 512 Lights: F 513 Extracto 611 Lights: F 613 Extracto 611 Lights: F 613 Extracto 711 Sockets 712 Spare 711 Sockets 712 Spare 713 Spare 713 Spare 8TP Spare DISTRIBUT (to be comple	113 Lights: C 211 Sockets 212 Sockets 212 Sockets 213 Spare 3TP Spare 4TP Spare 5L1 Lights: F 5L2 Lights: F 5L3 Extracto 6L1 Lights: F 6L2 Lights: F 6L2 Lights: F 6L2 Lights: F 6L3 Extracto 8TP Spare 7L1 Sockets 7L1 Sockets 7L2 Spare 8TP Spare 8TP Spare DISTRIBUT (to be completed)	113 Lights: 0 211 Sockets 212 Sockets 213 Spare 3TP Spare 4TP Spare 5L1 Lights: F 5L2 Lights: F 6L3 Extracto 6L1 Lights: F 6L2 Lights: F 6L2 Lights: F 6L3 Extracto 8TP Spare 7L1 Sockets 7L1 Sockets 7L2 Spare 8TP Spare DISTRIBUT (to be comple	113 Lights: 0 211 Sockets 212 Sockets 213 Spare 3TP Spare 4TP Spare 5L1 Lights: F 5L2 Lights: F 5L3 Extracto 6L1 Lights: F 6L3 Lights: F 6L3 Lights: F 6L3 Lights: F 6L3 Spare 7L1 Sockets 7L2 Spare 7TO REF COLUMN (to be compli	113 Lights: 0 211 Sockets 212 Sockets 213 Spare 3TP Spare 4TP Spare 5L1 Lights: F 5L2 Lights: F 5L3 Extracto 6L1 Lights: F 6L2 Lights: F 6L2 Lights: F 6L2 Lights: F 6L3 Extracto 8TP Spare 7T1 Sockets 7T1 Sockets 7T2 Spare 8TP Spare DISTRIBU	11.3 Lights: C 21.1 Sockets 21.2 Sockets 21.3 Spare 3TP Spare 4TP Spare 51.1 Lights: F 51.2 Lights: F 51.2 Lights: F 51.3 Extracto 61.1 Lights: F 61.3 Lights: F 61.2 Lights: F 61.3 Extracto 81.1 Sockets 71.1 Sockets 71.1 Sockets 71.2 Spare 71.3 Spare 8TP Spare DISTRIBU	113 Lights: 0 211 Sockets 212 Sockets 213 Spare 31P Spare 41P Spare 511 Lights: F 512 Lights: F 512 Lights: F 513 Extracto 611 Lights: F 613 Lights: F 613 Lights: F 613 Extracto 711 Sockets 712 Spare 713 Spare 713 Spare														_		1L2 Lights: F	1L1 Lights: F		Circuit numb	er	CODES for Type of wiring	(Delete as appropriate	
DETAILS AND TEST RESULTS	Lights: Range D B 9  Lights: Range D B 6  Extractor Fans: Range D B 6  Lights: Plant Room D B 7  Lights: Plant Room D B 1  Sockets: Range lobby west D B 1  Sockets: Range/Plant Room D B 1  Spare DISTRIBUTION BOARD (DB) DETAILS DB design (to be completed in every case)  Location of Courterent protection device for the distribution circuit	Range Range r Fans: Range Plant Room Range lobby west Range lobby east	Range Range r Fans: Range Plant Room Range lobby west Range lobby east Range/Plant Room Range/Plant Room DON BOARD (DB) DETA Sted in every case) WPLETED ONLY IF THE	Range Range r Fans: Range Plant Room Range lobby west Range lobby east Range/Plant Room Range/Plant Room Range/Plant Room DONLY IF THE	Range Range r Fans: Range Plant Room Range lobby west Range lobby east Range/Plant Room Range/Plant Room Range/Plant Room Range/Plant Room Room Room Room Room Room Room Room	Range Range r Fans: Range Plant Room Range lobby west Range lobby east Range/Plant Room Range/Plant Room Range/Plant Room	Range Range r Fans: Range Plant Room Range lobby west Range lobby east Range/Plant Room Range/Plant Room Range/Plant Room	Range Range rr Fans: Range Plant Room Range lobby west Range lobby east Range/Plant Room : Range/Plant Room	Range Range r Fans: Range Plant Room Range lobby west Range lobby east Range/Plant Room : Range/Plant Room					Range r Fans: Range Plant Room Range lobby west	Range Range rr Fans: Range Plant Room Range lobby west	Range Range rr Fans: Range Plant Room	Range Range rr Fans: Range	Range	Range			: Rooms 1-3/Corridor	Sockets: Rooms 4-9/Corridor	Corridor	Rooms 1-5	Rooms 6-9			Circuit description			Plumi
AND TEST RESULTS	DB IS	STATE OF THE STATE		8						00000	00000	00000	000000	00000	0000	000	000	0	,	0		ш	m	C	C	C				_	IT DET.	
C)   Thermoplastic cables in	B B C B B C B B C B B C B B C C B B B C C B B C C B B C C B B C C B C C B C C B C C B C C B C C B C C B C C B C C B C C B C C C B C C C B C	B B B B B B B B B B B B B B B B B B B	NOT	NOT	NOT NOT	B desi	B B B B B B B B B B B B B B B B B B B	B B B B B B B B B B B B B B B B B B B	B B B B B B B B B B B B B B B B B B B										-	6 B							Re		hod	hermoplastic netallic condu	AILS A	Cont
Circuits/equipment vulnerable to damage when testing	on of DB:	on of DB:	nation: [	1 1 1 1 1 1 1 2 2 1 1 2 2 1 1 1 1 1 1 1	11 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1	111 1.1 12 1.1 3 2 1.1 of DB: 4	7 1 1 1 1 1 1 2 1 1 1 1 1 1 1 1 1 1 1 1	nation: [	11 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1											1		2						ber of points		cables in	ND TE	racto
Circuits/equipment vulnerable to damage when testing :			E   1   1   1   1   1   1   1   1   1			5   e c   2   1   1   1	55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1	55 1. 5 1. 5 5 1. 5 5 5 5 5 5 5 5 5 5 5											1.5 1.	1		5 2						(char)	Circuit	(C) Therm	ST RE	ors
Circuits/equipment vulnerable to damage when testing	1.5 0.4 6 1.5 0.4 6 2.5 0.4 6 2.5 0.4 6 ED DIRECTLY T ER 100 100 100 100 100 100 100 100 100 10	5 0.4 5 0.4 5 0.4 5 0.4 5 0.4 6 0.4 6 0.4 6 0.4 6 0.4 6 0.4 6 0.4	5 0.4 5 0.4 5 0.4 5 0.4 Direct	5 0.4 5 0.4 5 0.4 5 0.4 5 0.4 5 0.4 5 0.4	5 0.4 5 0.4 5 0.4 5 0.4 5 0.4	5 0.4 5 0.4 5 0.4 5 0.4	5 0.4 5 0.4 5 0.4	5 0.4 5 0.4 5 0.4									.5 0.4	.5 0.4	0	0		5 0					Ma	ax. disconne		noplastic cable netallic conduit	SULTS	
TESTED BY   Name (capitals):   BRIAN MCCARTHY   Intermediatic sables in   Intermediate cables	0	70	10	7	7	<b>5</b>					_			61009	60898	60898											s)	time ( <i>BS 767</i>			Ci	
Trutherable to damage when testing	)	- : B			_ Z		THE OR		i	TE.																	E	BS (EN)	Prote	Thermoplastic metallic trunk	ircuits/eq	
damage when testing	Rating: ( 63	ating: (6			lominal v		GIN 0			STED E	_			32	10	10	10	10	10	10		32	32	10	10	10	íA		ctive device	cables in ing	luipment	
Copitals : BRIAN MCCARTHY   Capitals : Capita	3) A	3 1 4	olina a. I		oltage: (	į	蓔		•				+	10	10	10	10	10	10	10		10	10	10	10	10	₹ Sh	ort-circuit	е	(E) Thermo	vulnera	
(F) Thermoplastic / SWA cables   (G) Thermosett			1			1000	NSTAL	d	ignature:	lame (ca				30	N/A	N/A	N/A	N/A	N/A	N/A		30	30	N/A	N/A	N/A		Operating	RCD	plastic cable stallic trunking	ole to da	
sting						-	LATIO			oitals):	F			0.68	4.37	4.37	4.37	4.37	2.19	4.37		1.37	1.37	4.37	4.37	4.37	(Ω)	Maximum pe	rmitted talled		mage wh	
(G) Thermosett t impedances only end) (cpc) (cpc				G. P	of phase		_							7								0.58	0.84				(Line)		evice*	Thermoplastic	ıen testir	
(G) Thermosett t impedances sonly send) (cpc) (c					S: (3					CCART	r	T	+	0.71								0.58	0.84					ng final circ easured en	Cir	/ SWA cable	g	
Insulation resistance   Continuity   Conti					_					¥				0.68								0.58	0.87					uits only d to end)	cuit impeda			
It   Mineral-insulated cables   It   Mineral-insulated cables   It   Insulation resistance   It   Insulation	Insula N/A	nella			Multi-		TEST					T		0.22	0.27	0.34	0.46	0.53	0.51	0.54		0.17	0.28	1.29	0.67	0.64	(R,+R	Al (comp	nces (Ω)	nosetting / SV		Issue
(H) Mineral-insulated cables   (O) other - state: N/A	ICAL HOD			00000	function 389357		INSTR					T	T	T														circuits lete at least column)		_		d in acco
Continuity:	stance:	etance.		:			UMEN.			:				500	200	200	200	200	200	200		500	500	200	200	200	(MQ)		=	(H) Mineral-ii		rdance v
Continuity:							S (ente		Date:	Positio				500	200	200	200	200	200	200		500	500	200	200	200			sulation res	nsulated cable		vith 85 /c
Polarity N/A	-			:_	-		r serial n		10/08/2	n: Electi				500	250	250	250	250	250	250		500	500	250	250	250			istance	_		11: 2018
Max measured earth   Ask   Max measured earth	Earth fi	Farth f			Continu	2	ımber a		)22	ician					-				100										ity	er - state: N		Require
RCD Test install buttons time with time with the straining buttons time with the straining but	doctoop		ault loon		ity:	ľ	gainst ea				L					).67	).79	).84	).83	).86				1.64	).95	).98	D fac	flax. measure lift loop imped	d earth ance, Zs	Ä		ements n
Test buttons to buttons to like the lik	IIIpeua		imnada				ch instr						-	7.5		z	z	z	z	z		9	8.8	Z	7	7			RCD perating			or Electri
	Tod.		200	:			ument us				_	_	-										8						Test			ical Instal

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This continuation sheet is not valid if the serial number is 25773233 not the same as the corresponding certificate or report.

ISN18C

## **ELECTRICAL INSTALLATION CERTIFICATES & ELECTRICAL INSTALLATION CONDITION REPORTS CONTINUATION SHEET:**

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

Assu	0ver	Supp	3	(to b	SIG						į		3TP	2TP	1TP		Circuit numb	er	COD	(Dotete a
Associated RCD (if any) Type: (BS EN ***********************************	ev	Supply to DB is from: ( DB1 - 5TP	<u> </u>	(to be completed in every case)	<b>DISTRIBUTION BOARD (DB) DETAILS</b>						Sockets: Boller Room	Lights: Boiler room	Spare	Spare	Boiler Control Panel			Circuit description	CODES for Type of wiring (A) Thermoplastic insulated /	Delete as appropriate)
tion of su	e distrib	I HE DE	14F		ETAILS	$\sqcup$	-	-	$\sqcup$		-	0			0		Type of wirin	0	insulated /	100
pply pola	ution ci	SISNO	2 N S	Loca	DB d	$\vdash$		+	+		α	0			В		(see Codes		(B) Thermo	
rity: (	rcuit	I CON	TCON	Location of DB: Boiler Room	DB designation: DB4						4	. Oi			1	Num	(BS 7671) ber of points	served	(B) Thermoplastic cables in metallic conduit	
5	Type: (I	NEC	NECT	B. Boile	on:DB4				$\Box$		C.3	1.5			6	Live (mm²)		conc	_	
No. of p Phase s	Type: (BS EN 60898	בט טוו	5    2	r Roor				+			V.3	1.5			o	cpc (mm²)		Circuit conductor csa	Thermoplas non-metalli	
No. of poles: (	0898	SECILI	ECTIV			П					0.4	0.4			0.4	€ Ma	ax. disconnectime ( <i>BS 767</i>	tion	(C) Thermoplastic cables in non-metallic conduit	
No. of poles: ( $$ ) mA $h_{\Delta n}$ ( $$ ) mA Phase sequence confirmed (where appropriate): ( $$	JA .	THE DB IS NOT CONNECTED DIRECTLY TO THE	HT OT /								61008	60898			60898	e your	BS (EN)		_	
(where	Ratir				TEST						C	C			C		Туре	Protective device	(D) Thermoplastic cables in metallic trunking	
'e appropria	Rating: ( 63 ) A	Nominal voltage: (400) V No. o	2 0 1		TESTED BY						32	10			32	(A)	Rating	e device	$\vdash$	
iate): ( N	) A	age: (		Sig	Nar						c				10		ort-circuit apacity		(E) Thermoplastic cables in non-metallic trunking	
		30 V	CTAIL	Signature:	ne (capi						30	N/A			N/A	(mA)	Operating current, I <sub>Δ</sub>	RCD	astic cables i	
Operating $Z_s(0.33)\Omega$	)	No. o	MOITA	3	Name (capitals): BRIAN						0.00	2.19			0.68	(Ω)	Maximum pe Z <sub>S</sub> for inst protective d	alled	_	c
Operating time ().33) $\Omega$ $l_{pf}$ $0.7$	: :	No. of phases: (3)									0.26					(Line)			(F) Thermoplastic / SWA cables	C
Operating time (***) ms $Z_S(0.33)\Omega$ $I_{pf}(0.7)$ KA $I_{pf}(0.7)$ Earth electrode	N A	s: ( 3			MCCARTHY						0.20					(Neutral)	Ring final circuits only (measured end to end)	Q <sub>i</sub>	/ SWA cable	
) ms		L			Ŧ						0.23					(cpc)	uits only d to end)	Circuit impedances (Q)		
E NJA	insula N/A	Multi	TES					+			0.1	0.2			0.01	$(R_1 + R_2)$	(com	ances (Q)	(G) Thermosetting / SWA cables	
electro	ation res	Multi-function: 101389357	INSI													i) R <sub>2</sub>	All circuits (complete at least one column)		WA cables	
ENTA electrode resistance:	Insulation resistance: N/A	7.	RUMEN					+			000	200			500	(MQ)	st Live/		(H) Minera	
ance:		6	TS (ent	Date	Posi	$\vdash$	+	+			000	200			500	2) (MΩ)	Live /	Insulation resistance	(H) Mineral-insulated cables	
		)	er seria	11/08	Position: Electrician	$\vdash$					500	250			500			resistance	_	
NG.	Nart Nart	_CC Non	number	/2022	ctrician		-	+			<	5			<b>९</b>	3	Voltage Polari	tv	(0) other - state: N/A	
	fault lo	Continuity:	against			П					0.45				0.33		lax. measured It loop impeda		N/A	
	Earth fault loop impedance: ( N/A	G G G	TEST INSTRUMENTS (enter serial number against each instrument used)	Date: 11/08/2022							38.7					(ms)	time	RCD		
	dance:		strument								<	NA			N/A	25				
		(naen)	used)								NA	NA			N/A	SA		Test		

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## **ELECTRICAL INSTALLATION CERTIFICATES & ELECTRICAL INSTALLATION CONDITION REPORTS CONTINUATION SHEET:**

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

CODES for Type of wiring (A) Thermoplastic	l patellisus	in inem	nonlastic cal		Thermop	actio cables	_	and action of	11.1.11															
sheathed cables	3	(B) metal	(B) metallic conduit	L	C) non-meta	(C) non-metallic conduit	-	(D) metallic trunking	_	(E) non-metalli	non-metallic trunking	(F) The	(F) Thermoplastic / SWA cables		(G) Thermos	(G) Thermosetting / SWA cables	-	) Mineral-ins	(H) Mineral-insulated cables	(0) othe	(0) other - state: N/A	I/A		
Circuit description		)			Circuit conductor csa	tion		Protecti	Protective device		RCD	lled		Circuit	Circuit impedances (Ω)	es (Q)		Inst	Insulation resistance	tance		a, 25	RCD	0
Circuit num	Type of wiri	Type of wiri (see Codes Reference Me	(BS 7671)	mber of points		lax. disconne	time ( <i>BS 767</i> BS (EN)	Туре	Rating	nort-circuit capacity	Operating current, I	Maximum per $Z_S$ for insta protective de	Ring fi (meas	Ring final circuits only (measured end to end)	only end)	All circuits (complete at least one column)	cuits e at least lumn)	Live /	Live / Earth	Test voltage DC	Polarity	x measured ea loop impedanc	operating time	ng Ben
		F		(mm²)	e cpc (mm²)				Ê		(mA)	(2)	(Line)	(Neutral)	(cpc)	(R+R)	a	(MO)	MO			fault		RCD
Sockets: General	D	100	0 7	2x2.5	2x1.5	0.4	60898	8	20					0.50		0.36	112	(Pelail	(PEINI)	100			(ms)	
2 External 16A Socket	D	100	0	2.5	1.5	0.4	60898		6			73	Ċ		0.77	0.00		000	500	500	?		38.8	
3 External 16A Socket	D	100		ט ו	חו	2 3	2000		; ā			2.73				0.45		500	500	500	?	0.98 38	38.8	
Heater P	> )	3 6		2 1.0		0.4	86809		16			2.73				0.53		500	500	500			38.8	
Hooter Point Main Day		-	-	0.7		0.4	86809	8	16	6	30 2	2.73				0.35		500	500	500		- 1	0	+
	>	100	1	2.5	1.5	0.4	60898	Φ				2.73				0.49			500	500	, 9	1 00 38	20.00	
b Heater Point: Main Room Right Side	ide	100		2.5	1.5	0.4	60898	8	16	6	30 2	2.73				0.68			200	700			0	
Heater Point: Main Room Left Side	e A	100	1	2.5	1.5	0.4	60898	В	16	ත ය	30 2	2.73				0 44			600	000			0	
8 Lights: General	D	100	7	1.5	_	0.4	60898	8				7 28				1 2			500	500	?	0.93 38.8	.00	
Spare	-	-	+	+				-				.70				0.38		200	200	250	9	0.9 38.8	00	
10 Spare		+	+		+	1		+			1													
11 Spare	+	+	+	+	+					1														
12 Spare	-	+	+		1			+		_			1											
			+	+	$\top$	+					_	1	_	_							_	-		
																					+			
		+	+																		+	+		
											$\perp$										-			
DISTRIBUTION BOARD (DB) DETAILS	TAILS	DB de	signati	DB designation: DB6				TESTED	ED BY	Name	Name (capitals): BRIAN	BRIA	N MCC/	MCCARTHY					Position: Electrician	Electric	an	-		
to ne compressed III every case)		Locat	Location of DB:		- Or ta capit					Signature:	1	G						:	Date: 11/08/2022	08/202	2			
- 11	THE DB	ON SI	T CON	NECT	ED DIR	ECTLY	DB IS NOT CONNECTED DIRECTLY TO THE	ORIGI	ORIGIN OF THE INSTALLATION	HE INS	TALLA	NOI			_	TEST INSTRUMENTS (enter serial number against each instrument used)	STRUN	IENTS	(enter se	rial num	ber aga	inst eac	h ins	₹
Supply to DB is from: ( DB ! - 3LZ  Overcurrent protection device for the distribution circuit	distribu			Type: /B	Type: /Be EN 60898	898		Nomi	Nominal voltage: (230	je: (230	<u> </u>	No. of p	No. of phases: ( .1		^ Z	Multi-function: 101389357	tion: 357			( <del>)</del> (2)	Continuity:	×		:
Associated RCD (if any) Type: (BS EN N/A	N N/A			Type. (D	Vo. of po	No. of poles: ( N/A	À .	Kating	Kating: (	) A			Operation time N/A	Ä		Insulation resistance: N/A	resistan	ce:		Za Za	ITh fau	Earth fault loop impedance: , N/A	npeda	ä
Characteristics at this DB Confirmation of supply polarity: (	n of sup	ply polar	:	-	hase se	quence	Phase sequence confirmed (where appropriate): (	(where a	ppropriat	e): (N/A	<u>:</u> _	Z 0.53 10		/ <sub>n+</sub> ρ.001 ) kA		Earth electrode resistance:	trode re	sistance		-R :	RCO.			:
This form is based on the model forms shown in Appendix 6 of BS 7671	ppendix 6	of RC 76	!												_						5			

This form is based on the model forms shown in Appendix 6 of *BS 7671*Published by Certsure LLP

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\*Where figure is not taken from BS 7671, state source: ( .....

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### Electrical and Plumbing Contractors

## **GENERAL CONTINUATION SHEET**

NOTES
General Condition Of the Installation
Several double sockets throughout have faulty switches making one of the two outlets inoperable. Cause, general wear and tear.

## **GENERAL CONTINUATION SHEET**

#### APPROVED CONTRACTOR

Main gate supply not tested, no access to cabinet. Redundant range circuits not tested, no access.

Operational Limitations

NOTES

#### **Plumbing Contractors** Electrical and

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Original (to the person ordering the work)

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

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 electrical installation is in a satisfactory condition for continued service. This report provides an 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

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

provide the new user with an assessment of the condition of the electrical installation at the time the 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 periodic inspection was carried out.

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

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

Contractor to which it was supplied schedules identified in PART 10 are missing. The report has a printed serial number, which is traceable to the Circuit Details and Test Results should form part of the report. The report is invalid if any of 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 The report consists of at least six numbered pages. Additional numbered pages may have been provided to

> provider and the like) before the inspection was carried out 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 PART 7 (Details and limitations) should identify fully the extent of the installation covered by this report and any

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

each by the inspector indicates the degree of urgency with which remedial action needs to be taken to 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 restore the installation to a safe working condition.

undertakes the necessary remedial work immediately. 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 C1 (danger present) the safety of those using

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

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

Arrangements, and the Schedules of Circuit Details and Test Results (PART 12) compiled accordingly. 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

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

of the electrical installation reported on, that person should in the first instance raise the specific concerns in 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 make a formal complaint to NICEIC, for which purpose a complaint form is available on request.

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 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