



DOMESTIC ELECTRICAL INSTALLATION CERTIFICATE

Small installations up to 100 A single phase supply

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

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

0063575

DCP18

PART 1 : DETAILS OF THE CONTRACTOR, CLIENT AND INSTALLATION

DETAILS OF THE CONTRACTOR

Registration No: D1116471
 Trading Title: R MITTON ELECTRICAL CONTRACTORS
 Address: 115 STERLING GARAGE
EXETER DEVON
 Postcode: EX4 4HT Tel No: 07962 036209

DETAILS OF THE CLIENT

Contractor Reference Number (CRN): -
 Name: S ACKROYD
 Address: 123 EAST PARADE
HELDORST, DEVON
 Postcode: EX3 1AG Tel No: -

DETAILS OF THE INSTALLATION

Occupier: -
 Address: 1A THE DUNAGE
HELDORST
DEVON
 Postcode: EX3 1AG Tel No: -

PART 2 : DETAILS OF THE ELECTRICAL WORK COVERED BY THIS INSTALLATION CERTIFICATE

Date works completed: 06-08-2020

Description and extent of the installation covered by this certificate:

The installation is - REPAIR CONSUMER UNIT & ACCESSORIES ALL CIRCUITS
 New: () TESTED
 An addition: ()
 An alteration: ()
 Replacement of a consumer unit: ()

Where necessary, continue on a separate numbered page: Page No(s) ()

PART 3 : NEXT INSPECTION OF THE ELECTRICAL INSTALLATION

I RECOMMEND that this installation is further inspected and tested after an interval of not more than:

5

years/months* (delete as appropriate)

PART 4 : DECLARATION FOR THE ELECTRICAL INSTALLATION WORK

DESIGN, CONSTRUCTION, INSPECTION & TESTING

I, being the person responsible for the design, construction, inspection and testing of the electrical installation, particulars of which are described in PART 2, having exercised reasonable skill and care when carrying out the design and additionally where this certificate applies to an addition or alteration, having confirmed that the safety of the existing installation is not impaired, hereby CERTIFY that the design, construction, inspection and testing for which I have been responsible is to the best of my knowledge and belief in accordance with BS 7671: 2018, amended to 2020 (date) except for the following departures, if any, identified

Name (capitals): R MITTON details on attached page(s) () (Regulations 120.3, 133.1.3 and 133.5). • Where selectivity is required, details of the verification appended (336.4): () Page No(s) ()

REVIEWED BY QUALIFIED SUPERVISOR

Name (capitals): R MITTON Signature: R Mutton Date: 06-08-2020

Name (capitals): R MITTON Signature: R Mutton Date: 06-08-2020

*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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PART 5: COMMENTS ON THE EXISTING INSTALLATION (in the case of an addition or alteration see Regulation 644.1.2)

REPAIRS FOR GAS & WATER, ARE IN METAL CABINET ON SUPPLIERS MET
100 EMERGENCY LIGHTS, ON CIRCUIT @ LIGHTING.

PART 6: SUPPLY CHARACTERISTICS AND EARTHING ARRANGEMENTS

System type and earthing arrangements		Number and type of live conductors		Nature of supply parameters	
TN-C-S: (✓) ()	TN-S: () ()	AC	1-phase, 2-wire: (✓) ()	Nominal line voltage to Earth, U_0 :	(230) V
Other (state):	TE: () ()	Other (state):		Nominal frequency, f :	(50) Hz
Supply protective device		Confirmation of supply polarity:		Prospective fault current, $I_{pf}^{(1)}$:	(4.14) kA
(BS EN) () ()		Other sources of supply (as detailed on attached schedule)		External loop impedance, $Z_e^{(1)}$:	(0.5) Ω
Type: () ()					
Rated current: (100) A					

PART 7: PARTICULARS OF INSTALLATION REFERRED TO IN THIS CERTIFICATE

Maximum demand (load): (60) A	Main protective conductors	Main protective bonding connections	Main switch / Switch-fuse / Circuit-breaker / RCD
Means of Earthing	Earthing conductor: (material: COPPER, csa 10 mm ²)	Water installation pipes: (✓) ()	Type: (BS EN) (60147) ()
Distributor's facility: (✓) ()	Connection / continuity verified: (✓) ()	Gas installation pipes: (✓) ()	Location: () ()
Installation earth electrode: () ()	Main protective bonding conductors: (material: COPPER, csa 10 mm ²)	Structural steel: () ()	No. of poles: (2) ()
Where an earth electrode is used insert	Connection / continuity verified: (✓) ()	Oil installation pipes: () ()	Current rating: (100) A
Type – (rod/s), tape, etc: () ()		Lighting protection: () ()	Where an RCD is used as the main switch
Location: () ()		Other (state): () ()	RCD rated residual operating current, $I_{\Delta n}$:
Electrode resistance to Earth: () Ω			Measured operating time: () ms
			Rated time delay: () ms

PART 8: SCHEDULES AND ADDITIONAL PAGES

Schedule of Inspections	Schedule of Circuit Details and Test Results for the installation	Additional pages, including data sheets	Special installations or locations (indicated in Item 11.1 on page 4)	Continuation sheets
Page No(s): () (3 & 4) ()	Page No(s): () (5) ()	Page No(s): () () ()	Page No(s): () () ()	Page No(s): () () ()

The pages identified are an essential part of this certificate.

*Where the installation is supplied by more than one source, the higher or highest values of prospective fault current, I_{pf} , and external earth fault loop impedance, Z_e , must be recorded.

This certificate is based on the model forms shown in Appendix 6 of BS 7671. Enter a (✓) or value in the respective fields, as appropriate. Where an item is not applicable insert N/A.
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PART 10 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing: SARGE PROTECTION FITTED

Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor size		Max. disconnection time (BS 7671) (s)	Protective device			RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device** (Ω)	Circuit impedances (Ω)			Insulation resistance			Polarity	Max. measured earth fault loop impedance, Z _s (Ω)	RCD operating time (ms)	Test buttons			
					Live (mm ²)	CPC (mm ²)		BS (EN)	Type	Rating (A)			Short-circuit capacity (kA)	(Line) r ₁	(Neutral) r _n	(CPC) r ₂	(R ₁ +R ₂)	R ₂				Live / Live (MΩ)	Live / Earth (MΩ)	Test voltage DC (V)	RCD (✓)
1	RIBBET MAINS	A	A	19	2.5	1.5	.4	60898	B	32	6	30	1.37	.74	.74	1.27	.21	200	150	500	✓	1.06	19	✓	✓
2	FLAT LIGHTS	A	A	18	1.0	1.0	.4	60898	B	6	6	30	1.28				1.81	200	200	500	✓	2.16	19	✓	✓
3	SMOKE ALARMS	A	A	4	1.0	1.0	.4	60898	B	6	6	30	1.28				.9	200	200	500	✓	1.22	19	✓	✓
7	SOCKETS RADIAL	A	A	4	2.5	1.5	.4	60898	B	20	6	30	2.19				.24	200	200	500	✓	.74	16	✓	✓
8	EXTRAORACE LIGHT	A	A	1	1.0	1.0	.4	60898	B	6	6	30	7.28				.31	200	200	500	✓	.72	26	✓	✓

Location of consumer unit: EXTRAORACE HALL Designation: — Prospective fault current at consumer unit (where applicable): 4.6 kA

TESTED BY Name (capital): R. MILTON Position: QS Signature: R. Milton Date: 06-08-2020

TEST INSTRUMENTS (enter serial number against each instrument used)

Multi-function: EO2 TOXL Continuity: EO2 TOXL Insulation resistance: EO2 TOXL Earth fault loop impedance: EO2 TOXL Earth electrode resistance: NA RCD: EO2 TOXL

Original (to the person ordering the work)