

MINOR DOMESTIC ELECTRICAL INSTALLATION WORKS CERTIFICATE

Installer's Reference Number

IRN/ N/A

Issued in accordance with *British Standard 7671 - Requirements for Electrical Installations* by a Registered Domestic Installer registered with ELECSA, Certsure LLP, Mansfield Business Centre, Ashfield Avenue, MANSFIELD NG18 2AE.

To be used only for minor electrical work which does not include the provision of a new circuit

PART 1: DETAILS OF THE MINOR WORKS	
Client: Stephen Hartwell	Details of departures, if any, from BS 7671 (as amended): None
Date minor works completed: 13/09/2016	
Description of the minor works: Replaced extractor fan in bathroom (circuit no.2).	Location/address of the minor works: 8 Bowness Road Sheffield South Yorkshire S6 2PR

PART 2: DETAILS OF THE MODIFIED CIRCUIT	
System type and earthing arrangements:	TN-C-S N/A TN-S <input checked="" type="checkbox"/> TT N/A TN-C N/A IT N/A
Protective measure(s) against electric shock:	ADS
Overcurrent protective device for the modified circuit:	BS(EN) 60898 Type B Rating 32 A
Residual current device (if applicable):	BS(EN) 4293 Type N/A I _{Δn} 30 mA
Details of wiring system used to modify the circuit: Type PVC/PVC	Reference method C csa of lives 1.5 mm ² csa of cpc 1 mm ²
Where the measure for protection against electric shock is ADS, insert maximum disconnection time permitted by BS 7671:	0.4 s Maximum Z _s permitted by BS 7671 1.36 Ω
Comments, if any, on existing installation, including adequacy of earthing and bonding arrangements (see Regulation 132.16): Existing earthing and bonding arrangements meet the current requirements for BS7671. Insulation resistance values for this circuit are low. Circuit should be inspected and retested in 5 years.	

PART 3: INSPECTION AND TESTING OF THE MODIFIED CIRCUIT AND RELATED PARTS		
Confirmation that necessary inspections have been undertaken	<input checked="" type="checkbox"/> (✓)	Insulation resistance: <i>(In a polyphase circuit, record the lower or lowest value, as appropriate)</i>
Confirmation of the adequacy of earthing	<input checked="" type="checkbox"/> (✓)	Line/Line N/A MΩ Line/Earth 1.161 MΩ
Confirmation of the adequacy of protective bonding	<input checked="" type="checkbox"/> (✓)	Line/Neutral 1.219 MΩ Neutral/Earth 1.179 MΩ
Confirmation of correct polarity	<input checked="" type="checkbox"/> (✓)	RCD operating time at I _{Δn} (if RCD fitted) 28 ms
Circuit resistance: (R ₁ + R ₂) 0.65 Ω or R ₂ N/A Ω		RCD operating time at 5I _{Δn} , if applicable 14 ms
Maximum measured earth fault loop impedance, Z _s 0.77 Ω		Test button operation satisfactory <input checked="" type="checkbox"/> (✓)
Agreed limitations, if any, on the inspection and testing: None		Instrument Serial No(s): 13010282

PART 4: DECLARATION		
I CERTIFY that the minor electrical installation works, as detailed in Part 1 of this certificate, does not impair the safety of the existing installation, that the said works have been designed, constructed, inspected, tested and verified in accordance with BS 7671, amended on the date shown* and that, to the best of my knowledge and belief, at the time of inspection, the works complied with BS 7671 except as detailed in Part 1 of this certificate.		
* 17th Edition, Amendment 3:2015		
The results of the inspection and testing reviewed by the Qualified Supervisor		
Name (CAPITALS) STEVEN HOWE	Name (CAPITALS) STEVEN HOWE	For and on behalf of (Trading Title of Registered Domestic Installer) Arc Electrical
Signature <i>Stille</i>	Signature <i>Stille</i>	Address and Postcode 39 Greenhill Main Road Greenhill Sheffield S8 7RB
Position Proprietor	Position Proprietor	
Date 13/09/2016	Date 13/09/2016	
ELECSA Registration No E P P 5 8 1 3 6 (Essential information)		

Original (To the person ordering the work)