



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

FHN6 (B-F)/ 0110875

CERTIFICATE OF DESIGN, INSTALLATION AND COMMISSIONING OF A FIRE DETECTION AND ALARM SYSTEM OF GRADE B, C, D, E OR F IN DOMESTIC PREMISES

Original (To the person ordering the work)

Issued in accordance with BS 5839-6 : 2013.

DETAILS OF THE CLIENT	
Client:	NORTHWOODS
Address:	1 BOURNE RD SOUTHAMPTON

DETAILS OF THE FIRE DETECTION AND ALARM SYSTEM		The system is
Address	4 HAWKES HOUSE TWO COMBES SOUTHAMPTON	New <input checked="" type="checkbox"/>
Extent of the fire detection and alarm system covered by this certificate	ROBUST FACILITY 2 MISSING DETECTORS X 2	Modification <input checked="" type="checkbox"/>

DESCRIPTION OF SYSTEM GRADE AND SYSTEM CATEGORY		Tick boxes as appropriate									
System grade	B	C	<input checked="" type="checkbox"/> D	E	F	System category	LD1	LD2	<input checked="" type="checkbox"/> LD3	PD1	PD2

COMMISSIONING		See Note 1	A tick in the box indicates the inspection or test has been performed and the results are satisfactory. N/A indicates an inspection or test is Not Appropriate				
Test buttons checked	<input checked="" type="checkbox"/>	Simulated smoke or aerosol test	<input checked="" type="checkbox"/>	Dedicated circuit(s) provided	<input checked="" type="checkbox"/>	Sound level test instrument used	See Note 2
All alarm warning devices operate	<input checked="" type="checkbox"/>	Heat test	<input checked="" type="checkbox"/>	Protective device labelled	<input checked="" type="checkbox"/>	Model and serial No.	ES/DBM01
Silencing system checked	<input checked="" type="checkbox"/>	Bedroom sound level (Clause 13.2)	<input checked="" type="checkbox"/>	Audible and visual indication of mains failure	<input checked="" type="checkbox"/>	Serial No. of associated Electrical Installation Certificate or Minor Electrical Installation Works Certificate (See Note 1)	11118321375

USER INSTRUCTIONS		Tick boxes to indicate that the written information has been issued to the user	
I/We the undersigned declare that the occupier* of the domestic premises (or owner in the case of a house in multiple occupancy) has been provided with written information about essential aspects of the operation and maintenance of the system, as follows:			
Operation of the system	<input checked="" type="checkbox"/>	Routine testing of the system	<input checked="" type="checkbox"/>
Action to be taken in the event of a fire alarm signal	<input checked="" type="checkbox"/>	Servicing and maintenance of the system (including intervals at which any batteries should be replaced)	<input checked="" type="checkbox"/>
Avoidance of false alarms and action in the event of a false alarm	<input checked="" type="checkbox"/>	The need to keep clear space around all detectors and manual call points	<input checked="" type="checkbox"/>
Warning that apparent false alarm from carbon monoxide detector may not be false alarm	<input checked="" type="checkbox"/>	Special precautions relevant to any lithium batteries used in the system	N/A
		Checking the system on reoccupation of the dwelling after a vacation etc.	<input checked="" type="checkbox"/>
		The need to avoid contamination of detectors by paint	<input checked="" type="checkbox"/>
		As-fitted drawing	<input checked="" type="checkbox"/>
* In the case of a newly-built property, and where the future occupier is unknown, the User Instructions should be issued to the builder for onward transmission to the purchaser, together with the related electrical safety certificate.			

CERTIFICATION OF DESIGN, INSTALLATION AND COMMISSIONING			
I/We, being the person(s) responsible (as indicated by my/our signature(s) below), for the design, installation, and commissioning of the fire alarm system, particulars of which are set out above, CERTIFY that the said work for which I/we have been responsible complies to the best of my/our knowledge and belief with the recommendations of BS 5839: Part 6 for the system described above, except for the variations, if any, stated below:			
Variations (if any)	NONE		
The extent of liability of the signatory is limited to the work described above as the subject of this certificate.			
For the DESIGN, INSTALLATION AND COMMISSIONING of the system:	This certificate has been reviewed by the Qualified Supervisor:		
Signature	Date 6-8-21	Signature	Date 6-8-21
Name (CAPITALS) D SHAW		Name (CAPITALS) D SHAW	

DETAILS OF THE APPROVED CONTRACTOR			
Trading Title	Eco Star Electrical Ltd		
Address	40 ANCHORS GROVE WICKHAM SOUTHAMPTON	NICEIC Enrolment No (Essential information)	6 0 3 2 8 2
	Postcode SO14 90W	Branch number (if applicable)	

Note 1. The electrical safety aspects of the fire detection and alarm system must also be certified in accordance with BS 7671: 'Requirements for Electrical Installations' by issuing an electrical safety certificate of a form which meets the requirements of BS 7671, such as a 'Domestic Electrical Installation Certificate' or, where appropriate, a 'Minor Electrical Installation Works Certificate'.

Note 2. An instrument complying with BS EN 61672, Class 2, with slow response and A weighting, is suitable for measuring the sound level.

Note 3. This certificate may be required by an authority responsible for enforcement of fire safety legislation, such as the building control authority or housing authority. The recipient of this certificate might rely on the certificate as evidence of compliance with legislation. Liability could arise on the part of any organisation or person that issues a certificate without due care in ensuring its validity.

Please see the 'Notes for Recipient' on the reverse of this page.



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321376

IMN18

MINOR ELECTRICAL INSTALLATION WORKS CERTIFICATE

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations
To be used only for minor work which does not include the provision of a new circuit

PART 1 : DETAILS OF THE CONTRACTOR, CLIENT AND INSTALLATION

DETAILS OF THE CONTRACTOR

Registration No: 603282 Branch No: _____
Trading Title: ECO-STAR Electrical Co.
Address: 90 Archway Grove
Woolston, Southampton
Postcode: SO199AU Tel No: _____

DETAILS OF THE CLIENT

Contractor Reference Number (CRN): _____
Name: MONTAGNARDS
Address: BOURNWOOD
SOUTHAMPTON
Postcode: _____ Tel No: _____

DETAILS OF THE INSTALLATION

Occupier: LET PROPERTY
Address: 4 HANOVER HOUSE
THE COMPASS
SOUTHAMPTON
Postcode: SO15 8N Tel No: _____

PART 2 : DETAILS OF THE MINOR WORKS, SUPPLY CHARACTERISTICS AND EARTHING ARRANGEMENTS

Description of Minor Works*: ROOFACE BELOW KITCHEN LEAKING S/S SOUP
System type and earthing arrangements: (e.g. TN-C-S / TN-S / TT) TN-S Z_s at Distribution Board / Consumer Unit supplying the final circuit: (0.15) Ω
Presence of adequate main protective conductors: Earthing conductor (✓) Protective bonding conductor(s) to: Water (✓) Gas (✓) Oil (N/A) Other (state): N/A
Comments on existing installation (see Reg 644.1.2): SUBJECT TO PERMIT E.I.C.A.B. Page No (X) Departures from BS 7671: 2018 (Yes/No) If 'yes' details on Page No (X...)

PART 3 : CIRCUIT DETAILS

Circuit: Description and Ref No: KITCHEN LIGHTING DB/CI: Ref No: AWD LITS Location and type: PLASTIC SHEET PLUG TYPE
Overcurrent protection device: BS EN 60898 Type: BS Rating: 32 (A) Csa of conductors: Live 2.5 mm² cpc 1.5 mm²

PART 4 : TEST RESULTS FOR THE CIRCUIT ALTERED OR EXTENDED (where relevant and practicable)

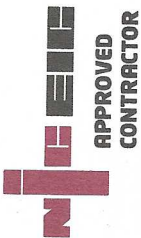
Continuity	Protective conductor (R ₁ + R ₂): (0.15) Ω or R ₂ : (0.15) Ω
Ring final circuit (loop values)	L/L: (2.2) Ω N/N: (2.2) Ω cpc/cpc: (1.0) Ω
Insulation Resistance**	L/L: (500) MΩ L/E: (500) MΩ Test Voltage: (500 V) DC
Polarity	Satisfactory: (✓) Earth fault loop impedance Z _s : (0.29) Ω
RCD operation	Rated residual operating current: (30) mA Measured operating time: (36.9) ms
Functional tests	RCD: (✓) AFDD: (X)
Test instrument (insert appropriate serial numbers)	Other (state): _____
Multifunction:	(80103) _____ Other (state): _____

PART 5 : DECLARATION

I CERTIFY that the work covered by this certificate does not impair the safety of the existing installation and that the work has been designed, constructed, inspected and tested in accordance with BS 7671: 2018, amended to (date) 6-5-24, and that to the best of my knowledge and belief, at the time of my inspection, complied with BS 7671: 2018 except as detailed in PART 2 of this certificate.

Name (capital): D SUMMO Signature: [Signature] Date: 6-5-24
Position: ELECTRICIAN
The results of the inspection and testing reviewed by the Qualified Supervisor
Name (capital): D SUMMO Signature: [Signature] Date: 6-5-24
Position: QS

*If a permitted exception is applied in accordance with Reg 411.3.3 the risk assessment should be appended to this certificate.



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321375

IMN18

APPROVED CONTRACTOR

MINOR ELECTRICAL INSTALLATION WORKS CERTIFICATE

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations
To be used only for minor work which does not include the provision of a new circuit

PART 1 : DETAILS OF THE CONTRACTOR, CLIENT AND INSTALLATION

DETAILS OF THE CONTRACTOR

Registration No: 603282 Branch No: /
Trading Title: ECO SPAN ELECTRICAL LTD
Address: 90 ANTHONY GROVE WOODS
SOTON
Postcode: SO905H Tel No: /

DETAILS OF THE CLIENT

Contractor Reference Number (CRN): /
Name: NANTWOODS
Address: 1 BAYVIEW RD
SOUTHAMPTON
Postcode: / Tel No: /

DETAILS OF THE INSTALLATION

Occupier: LOT PROPERTY
Address: 4 HAWKINS HOUSE
THE COMBASS
SOUTHAMPTON
Postcode: SO45 8N Tel No: /

PART 2 : DETAILS OF THE MINOR WORKS, SUPPLY CHARACTERISTICS AND EARTHING ARRANGEMENTS

Description of Minor Works: REPLACE 2x MISSING SWOV/140AT DEVICES
System type and earthing arrangements: (e.g. TN-C-S / TN-S / TT) TNS Z_s at Distribution Board / Consumer Unit supplying the final circuit: (0.15) Ω
Presence of adequate main protective conductors: Earthing conductor () Protective bonding conductor(s) to: Water () Gas () Oil () Other (state) X
Comments on existing installation (see Reg 644.1.2): SUBJECT TO RECENT EICR Page No () Departures from BS 7671: 2018 (Yes/No) If 'yes' details on Page No ()

PART 3 : CIRCUIT DETAILS

Circuit: Description and Ref No CCT9 - SWOV/140AT DEVICES DB/CU: Ref No DB1 PWR/LTS Location and type RESID TWIN RCD TN-C-S
Overcurrent protection device: BS EN 60898 Type B Rating 6 (A) Csa of conductors: Live 1 mm² cpc 1 mm²

PART 4 : TEST RESULTS FOR THE CIRCUIT ALTERED OR EXTENDED (where relevant and practicable)

Continuity Protective conductor ($R_1 + R_2$): (0.54) Ω or R_2 : () Ω
Ring final circuit (loop values) L/L: () Ω N/N: () Ω cpc/cpc: () Ω
Insulation Resistance** L/L: (500) M Ω L/E: (500) M Ω Test Voltage: (500) V DC
Polarity Satisfactory: () Earth fault loop impedance Z_s (0.68) Ω
RCD operation Rated residual operating current: (30) mA Measured operating time: (29.0) ms
Functional tests RCD: () AFDD: (N/A)
Test instrument (insert appropriate serial numbers) Other (state): /
Multifunction: (801103) () () Other (state): /

PART 5 : DECLARATION

I CERTIFY that the work covered by this certificate does not impair the safety of the existing installation and that the work has been designed, constructed, inspected and tested in accordance with BS 7671: 2018, amended to (date) 6-5-21 and that to the best of my knowledge and belief, at the time of my inspection, complied with BS 7671: 2018 except as detailed in PART 2 of this certificate.

Name (capital): D SUMME Signature: [Signature]
Position: ELECTRICIAN Date: 6-5-21
The results of the inspection and testing reviewed by the Qualified Supervisor
Name (capital): D SUMME Signature: [Signature]
Position: E.S. Date: 6-5-21

*If a permitted exception is applied in accordance with Reg 411.3.3 the risk assessment should be appended to this certificate.

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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Warwick House, Houghton Hall Park, Houghton Regis, Dunstable, LU5 5ZX

**Where an agreed limitation is used provide details on a separate page and append to the certificate.

Please see the 'Notes for Recipient'