

**DOMESTIC ELECTRICAL INSTALLATION CERTIFICATE**  
**[FOR A SINGLE DWELLING]**

IMN00000130 - Master



<p><b>Details of the Client</b></p> <p>Cobb Amos 14 King Street Hereford Herefordshire</p> <p>PostCode HR4 9BW</p>	<p><b>Address of the Installation</b></p> <p>2 Kingsfield Farm Cottages Marlton Hereford Herefordshire</p> <p>PostCode HR1 3EU</p>
<p><b>Details of the Installation</b></p> <p>Replacement consumer unit</p> <p>Extent of the installation work covered by this Certificate</p>	<p>The installation is</p> <p>New: N/A</p> <p>An Addition: N/A</p> <p>An Alteration: <input checked="" type="checkbox"/></p>
<p><b>Design, Construction, Inspection and Testing</b></p> <p>I, being the person responsible for the design, construction and testing of the electrical installation (as indicated by my signature adjacent), particulars of which are described above, having exercised reasonable skill and care when carrying out the design, construction, inspection and testing, hereby CERTIFY that the said work for which I have been responsible is, to the best of my knowledge and belief, in accordance with BS7671: 2018 amended to July 2018 (date) except for the departures, if any, detailed as follows:</p> <p>Details of departures from BS 7671, as amended (Regulations 120.3, 133.5)</p> <p>None</p>	<p>The extent of liability of the signatory is limited to the work described above as the subject of this certificate For the DESIGN, the CONSTRUCTION and the INSPECTION AND TESTING of the installation</p> <p>Signature: <i>[Signature]</i> Name: Martin Suff Date: 16/09/2019</p> <p>Signature: <i>[Signature]</i> Name: Martin Suff Date: 16/09/2019</p> <p>The results of the Inspection and Testing reviewed by the Qualified Supervisor</p>
<p><b>Particulars of the Electrical Contractor</b></p> <p>Trading Title: Martin Suff Electrical Services Limited</p> <p>Address: 39 Thistledown Grove Hereford Herefordshire 07875635419</p> <p>NICEIC Enrolment Number: 043456</p> <p>Branch No.(if Applicable): 000</p> <p>PostCode: HR1 1AZ</p>	<p><b>Next Inspection</b></p> <p>I RECOMMEND that this installation is further inspected and tested after <input type="checkbox"/> 5 Years or change of tenancy an interval of not more than <input type="checkbox"/> Enter interval as appropriate</p> <p><b>Comments on Existing Installation</b></p> <p>None</p> <p>Note: Enter 'NONE' or, where appropriate, the page number(s) of additional page(s) of comments on the existing installation</p> <p><b>Schedule of Additional Records</b></p> <p>None</p>

**Supply Characteristics, Earthing and Bonding Arrangements**

<p><b>System Type(s)</b></p> <p>TN-S N/A</p> <p>TN-C-S ✓</p> <p>TT N/A</p>		<p><b>Number and type of live conductors</b></p> <p>1-Phase (2 Wire) ✓</p> <p>3-Phase (3 Wire) N/A</p> <p>Other N/A</p>		<p><b>Nature of supply parameters</b></p> <p>Notes (1) by enquiry (2) by enquiry or by measurement (3) where more than one supply, record the higher or highest values</p> <p>U (1) N/A V</p> <p>f (1) 50 Hz</p> <p>U<sub>0</sub> (1) 230 V</p> <p>External earth fault loop impedance, Z<sub>e</sub> (1) 0.32 Ω</p>		<p><b>Characteristics of primary supply overcurrent protective device(s)</b></p> <p>BS(EN) 1361 Fuse HBC</p> <p>Type 2</p> <p>Confirmation of polarity N/A</p> <p>Nominal Current rating 80 A</p> <p>Short-Circuit Capacity 33 kA</p>	
<p><b>Number of sources</b></p> <p>1</p>		<p><b>Single-Phase</b></p> <p>Prospective fault current, I<sub>p</sub> (2)(3) 0.75 kA</p>		<p><b>3-Phase</b></p> <p>Prospective fault current, I<sub>p</sub> (2)(3) N/A kA</p>			

**Particulars of Installation at the Origin**

<p><b>Means of Earthing</b></p> <p>Distributor's facility ✓</p> <p>Installation earth electrode N/A</p>		<p><b>Details of Installation Earth Electrode (where applicable)</b></p> <p>Type N/A</p> <p>Location N/A</p> <p>Electrode resistance, R<sub>A</sub> N/A</p> <p>Method of Measurement N/A</p>		<p><b>Protective measures for fault protection</b></p> <p>ADS</p> <p>Measured Z<sub>e</sub> 0.32 Ω</p> <p>Maximum demand 80 Amps</p> <p>Number of smoke alarms 0</p>		<p><b>Main Switch or Circuit Breaker</b></p> <p>Type BS(EN) 60947-3</p> <p>No. of Poles 2</p> <p>Supply conductors material Copper</p> <p>Supply conductors 25 mm<sup>2</sup> csa</p> <p>Voltage Rating 230 V</p> <p>Current Rating, I<sub>n</sub> 100 A</p> <p>*RCD Operating current at I<sub>Δn</sub> N/A mA</p> <p>*RCD Operating time at I<sub>Δn</sub> N/A ms</p> <p>* applicable only where an RCD is used as a main circuit breaker</p>	
<p><b>Earthing Conductor</b></p> <p>Conductor Material Copper</p> <p>Continuity verified ✓</p> <p>Connection verified ✓</p> <p>Conductor csa 16 mm<sup>2</sup></p>		<p><b>Main protective bonding conductors of extraneous-conductive-parts</b></p> <p>Conductor Material Copper</p> <p>Conductor csa 10 mm<sup>2</sup></p> <p>Continuity verified ✓</p> <p>Connection verified ✓</p> <p>Location (where not obvious) N/A</p>		<p>Water Installation Pipes</p> <p>Oil Installation Pipes</p> <p>Gas Installation Pipes</p> <p>Structural Steel</p> <p>Other N/A</p>			

**Schedule of Items Inspected**

Item No	Description	Outcomes	Acceptable condition	Not applicable	Outcome	Item No	Description	Outcome
1.0	External condition of intake equipment (visual inspection only)		✓	N/A	✓	3.0	Automatic disconnection of supply	✓
1.1	Service cable		✓		✓	3.1	Presence and adequacy of earthing and protective bonding arrangements:	N/A
1.2	Service head		✓		✓	a)	Installation earth electrode (where applicable)	✓
1.3	Earthing arrangement		✓		✓	b)	Earthing conductor and connections, including accessibility	✓
1.4	Meter tails		✓		✓	c)	Main protective bonding conductors and connections, including accessibility	✓
1.5	Metering equipment		✓		✓	d)	Provision of safety electrical earthing/bonding labels at all appropriate locations	✓
1.6	Isolator (where present)		N/A		N/A	e)	RCD(s) provided for fault protection	✓
2.0	Presence of adequate arrangements for other sources				4.0	Basic protection		
2.1	Adequate arrangements where a generating set operates as a switched alternative to the public supply		N/A		4.1	Presence and adequacy of measures to provide basic protection (prevention of contact with live parts) within the installation:		
2.2	Adequate arrangements where generating set operates in parallel with the public supply		N/A		a)	Insulation of live parts e.g. conductors completely covered with durable insulating material	✓	
2.3	Presence of alternative/additional supply warning notices at the origin of the installation		N/A		b)	Barriers or enclosures e.g. correct IP rating	✓	

Schedule of Items Inspected				Description		Outcome		Item No		Description		Outcome	
Item No	Outcomes	Acceptable condition	✓	Not applicable	✓	N/A	N/A	Item No	Description	Item No	Description	Outcome	Outcome
5.0	<b>Additional protection</b>							8.3	Segregation/separation of Band I (ELV) and Band II (LV) circuits, and electrical and non-electrical services			✓	✓
5.1	Presence and effectiveness of additional protection methods:							8.4	Cables correctly erected and supported throughout, with protection against abrasion			✓	✓
	a) RCD(s) not exceeding 30 mA operating current		✓					8.5	Provision of fire barriers, and sealing arrangements where necessary			✓	✓
	b) Supplementary bonding							8.6	Non-sheathed cables enclosed throughout in conduit, ducting or trunking			✓	✓
6.0	<b>Other methods of protection</b>							8.7	Conductors correctly identified by colour, lettering or numbering			✓	✓
6.1	Presence and effectiveness of methods which give both basic and fault protection:							8.8	Presence, adequacy and correct termination of protective conductors			✓	✓
	a) SELV system including the source and associated circuits							8.9	Cables and conductors correctly connected, enclosed and with no undue mechanical strain			✓	✓
	b) PELV system including the source and associated circuits							8.10	No basic insulation of a conductor visible outside enclosure			✓	✓
	c) Double or reinforced insulation i.e. Class II or equivalent equipment and associated circuits							8.11	Single-pole devices for switching or protection in line conductors only			✓	✓
	d) Electrical separation for one item of equipment e.g. shaver supply unit							8.12	Accessories not damaged, securely fixed, correctly connected, suitable for external influences			✓	✓
7.0	<b>Consumer unit(s)/distribution board(s)</b>							8.13	Cables concealed under floors, above ceilings or in walls/partitions, adequately protected against damage			✓	✓
7.1	Adequacy of access and working space for items of electrical equipment including switchgear							8.14	Cables installed in walls or partitions, installed in prescribed zones			✓	✓
7.2	Components are suitable according to assembly manufacturer's instructions or literature							8.15	Provision of additional protection by RCD not exceeding 30 mA for:			✓	✓
7.3	Presence of linked main switch(es)							a)	- all socket-outlets with a rated current not exceeding 32 A			✓	✓
7.4	Isolators, for every circuit or group of circuits and all items of equipment							b)	- supplies to mobile equipment with a current rating not exceeding 32 A for use outdoors			✓	✓
7.5	Suitability of enclosure(s) for IP and fire ratings							c)	- cables concealed in walls/partitions at a depth of less than 50 mm			✓	✓
7.6	Protection against mechanical damage where cables enter equipment							d)	- cables concealed in walls/partitions containing metal parts regardless of depth			N/A	N/A
7.7	Confirmation that ALL conductor connections are correctly located in terminals and are tight and secure							e)	- final circuits supplying luminaires within domestic (household) premises			✓	✓
7.8	Avoidance of heating effects where cables enter ferromagnetic enclosures e.g. steel							8.16	Presence of appropriate devices for isolation and switching correctly located including:			✓	✓
7.9	Selection of correct type and ratings of circuit protective devices for overcurrent and fault protection							a)	Means of switching off for mechanical maintenance			✓	✓
7.10	Confirmation overvoltage protection (SPDs) provided where specified							b)	Emergency switches			N/A	N/A
7.11	Indication that SPDs continued functionality confirmed							c)	Functional switches, for control of parts of the installation and current-using equipment			✓	✓
7.12	Adequacy of AFDD(s) where present							9.0	<b>Current-using equipment (permanently connected)</b>			✓	✓
7.13	Presence of appropriate circuit charts, warning and other notices:							9.1	Suitability of equipment in terms of IP and fire ratings			✓	✓
	a) Provision of circuit charts/schedules or equivalent forms of information							9.2	Enclosure not damaged/deteriorated so as to impair safety			✓	✓
	b) Warning notice of method of isolation where live parts not capable of being isolated by a single device							9.3	Suitability for the environment and external influences			✓	✓
	c) Periodic inspection and testing notice							9.4	Security of fixing			✓	✓
	d) RCD six-monthly test notice where required							9.5	Cable entry holes in ceiling above luminaires, sized or sealed so as to restrict the spread of fire			✓	✓
	e) AFDD six-monthly test notice where present							9.6	Recessed luminaires (downlighters):			N/A	N/A
	f) Warning notice of non-standard (mixed) colours of conductors present							a)	Correct type of lamps fitted			N/A	N/A
7.14	Presence of labels to indicate the purpose of switchgear and protective devices							b)	Installed to minimise build-up of heat			✓	✓
8.0	<b>Circuits</b>							9.7	Adequacy of working space/accessibility to equipment			✓	✓
8.1	Adequacy of conductors for current-carrying capacity with regard to type and nature of the installation											✓	✓
8.2	Cable installation methods suitable for the location(s) and external influences											✓	✓





**ELECTRICAL INSTALLATION CERTIFICATE**  
**GUIDANCE FOR RECIPIENTS (to be appended to the Certificate)**

This safety Certificate has been issued to confirm that the electrical installation work to which it relates has been designed, constructed, inspected and tested in accordance with British Standard 7671 (the IET Wiring Regulations).

You should have received an 'original' Certificate and the contractor should have retained a duplicate. If you were the person ordering the work, but not the owner of the installation, you should pass this Certificate, or a full copy of it including the schedules, immediately to the owner.

The "original" Certificate should be retained in a safe place and be shown to any person inspecting or undertaking further work on the electrical installation in the future. If you later vacate the property, this Certificate will demonstrate to the new owner that the electrical installation complied with the requirements of British Standard 7671 at the time the Certificate was issued. The Construction (Design and Management) Regulations require that, for a project covered by those Regulations, a copy of this Certificate, together with schedules, is included in the project health and safety documentation.

For safety reasons, the electrical installation will need to be inspected at appropriate intervals by a skilled person or persons, competent in such work. The maximum time interval recommended before the next inspection is stated on Page 1 under 'NEXT INSPECTION'.

This Certificate is intended to be issued only for a new electrical installation or for new work associated with an addition or alteration to an existing installation. It should not have been issued for the inspection and testing of an existing electrical installation. An 'Electrical Installation Condition Report' should be issued for such an inspection. This Certificate is only valid if accompanied by the Schedule of Inspections and the Schedule(s) of Test Results.

These notes are based on those seen in Appendix 6 BS 7671:2018 (as amended)



# Herefordshire Fire Protection Services Ltd

Unit 12, Mortimer Trading Centre, Mortimer Road, Hereford HR4 9SP Tel: (01432) 269094 Email: info@hfpsltd.co.uk

Job No: 1618

1. Cust Ref: **P216K**  
 2. Customer Name & Address:  
**Mrs S. Powell**  
**WISTARIA, WINDSFIELD COTTAGES**  
**MALDEN, WRE3EU**

4. Parts Used:

Qty	Description
3	TIE SEAL
3	Gauge Seal

3. FIRE EXTINGUISHER SERVICE REPORT

QTY	TYPE	Good	Discharge Tested / Service Exchange	Supplied / Replaced	Unserviceable	Not Available
	WATER					
2	POWDER	2				
	CO2					
1	FOAM	1				
	BLANKET					

5. Engineer's Comments:

6. Report Required:

7. JOB RISK ASSESSMENT

Main Hazards (See Guidance Notes)	N/A	Low	Medium	High
a. Danger to Customer / Third Parties	/	/	/	/
b. Manual Handling	/	/	/	/
c. Working at Height	/	/	/	/
d. Portable Electrical Equipment	/	/	/	/
e. Substance / Chemical Spillage / Contamination	/	/	/	/
f. Asbestos	/	/	/	/
g. Other:--				

9. CONTROL MEASURES (SEE GUIDE NOTES)  
 Identify any risks, grade risk and state control measures to be implemented  
 Safe Working Practices +  
 Safe Working Practices +  
 Safe Working Practices +  
 Safe Working Practices +  
 Safe Working Practices +  
 Safe Working Practices +  
 Safe Working Practices +

10. Further Risk Assessment Comments:

Please be advised - If an extinguisher is used maliciously, or for any other reason than it is intended, it may make a mess & could result in legal action

11. Customer Signature:

12. Print Name:

13. Customer Order No:

14. Engineer's Name: **TR**

15. Date: **1/8/17**



# Herefordshire Fire Protection Services Ltd.

Unit 12, Mortimer Trading Centre, Mortimer Road, Hereford HR4 9SP

Tel: (01432) 269094 Email: info@hfpsltd.co.uk

**Supply and Maintenance of Fire Extinguishers, Fire Blankets  
Safety Signs and all Fire Fighting Associated Equipment**

## CERTIFICATE OF INSPECTION

**Customer: P216K**

MRS S. POWELL  
WISTERIA  
1 KINGSFIELD FARM COTTAGES  
MARDEN  
HEREFORD  
HEREFORDSHIRE HR1 3EU


**Inspection Date: July 2016**

Qty	Type	Inspection Details
1	POWDER	1 GOOD.
2	FOAM	2 GOOD.

**TOTAL 3**

PLEASE NOTE :  
KEEP THIS CERTIFICATE SAFE -  
IT MAY BE ASKED FOR BY YOUR LOCAL FIRE OFFICER  
OR YOUR INSURANCE COMPANY

We hereby certify that the above service was carried out by one of our engineers.

Signed .....  .....  
pp Herefordshire Fire Protection Services Ltd.

**EXTINGUISHER CERTIFICATE:**

All above fire extinguishing equipment has been inspected and serviced in compliance with the recommendations of the current British Standards. However, we cannot guarantee that the extinguisher will remain in working order for any period of time, unless the regular checks recommended in the current BS.5306-3 Section 5 (Visual inspection by the responsible person) are carried out.

# Herefordshire Fire Protection Services Ltd.

Unit 12, Mortimer Trading Centre, Mortimer Road, Hereford HR4 9SP

Tel: (01432) 269094 Email: info@hfpsltd.co.uk

**Supply and Maintenance of Fire Extinguishers, Fire Blankets  
Safety Signs and all Fire Fighting Associated Equipment**

## CERTIFICATE OF INSPECTION

**Customer: P216L**

MRS S. POWELL

LAVENDER

2 KINGSFIELD FARM COTTAGES

MARDEN

HEREFORDSHIRE HR1 3EU

**Inspection Date: August 2017**

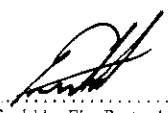
Qty	Type	Inspection Details
2	POWDER	2 GOOD.
2	FOAM	1 GOOD, 1 REPLACED.

**TOTAL 4**

**PLEASE NOTE :  
KEEP THIS CERTIFICATE SAFE -  
IT MAY BE ASKED FOR BY YOUR LOCAL FIRE OFFICER  
OR YOUR INSURANCE COMPANY**

We hereby certify that the above service was carried out by one of our engineers.

Signed .....

  
pp Herefordshire Fire Protection Services Ltd.

**EXTINGUISHER CERTIFICATE:**

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# Schedule of Test Results

This form is based on the model shown in BS7671 wiring regulations. Requirements for electrical installations BS7671:2008 Amd. No.1 (2011)

Page: 3 of 6 Test Date : 11th May 2015 Certificate No: SHE1039

**STEPHEN**

**HYDE**


**ELECTRICAL**

Address / Location of Distribution Board : No.1 Wisteria Cottage, Kingsfield farm, Marden, Herefordshire. HR1 3EU

Details of circuits and/or installed equipment vulnerable to damage when testing: RCD, Smoke detectors, Boiler controls  
 Method of Fault Protection: A. D. O. S.

Type of Supply: TN-C-S  
 Zs at Distribution Board (Ohms): 0.29  
 PFC/PSCC (KA): 0.797  
 Confirmation of Supply Polarity: Correct  
 Phase Sequence Confirmed: Correct

Instrument Used: Loop Impedance: Metrel Eurotest XE Serial Number 13200613  
 Continuity: Metrel Eurotest XE Serial Number 13200613  
 Insulation: Metrel Eurotest XE Serial Number 13200613  
 RCD Tester: Metrel Eurotest XE Serial Number 13200613  
 Earth Electrode: Metrel Eurotest XE Serial Number 13200613

Tester: Stephen Hyde  
 Signature: 

Electrical Installation Certificate												Test Results														
N u m b e r	Circuit Description	Short Circuit Capacity			Circuit Conductor Details			Continuity (Ohms)				Insulation (Mega Ohms)	Polarity	Earth Loop Impedance Zs (Ohms)	RCD		Comments									
		6KA	Rating in Amps	Live mm <sup>2</sup>	CSA	CPC mm <sup>2</sup>	Ref Method	Type of Wiring	No. Of Points	Ring Final	Ring				R2 (Ohms)	R1 + R2 (Ohms)		Live / Neutral	Live / CPC	At 1x in m/s	At 5x in m/s	Test Button Op				
1	N/A		16	2.5	1.5	N/A	6242Y																			
2	N/A		16	2.5	1.5	N/A	6242Y																			
3	N/A		16	2.5	1.5	N/A	6242Y																			
4	N/A		16	2.5	1.5	N/A	6242Y																			
5	Spare																									
6	Spare																									
7	Spare																									
8	N/A		32	6.0	2.5	N/A	6242Y																			
9	N/A		32	2.5	1.5	N/A	6242Y																			
10	N/A		16	2.5	1.5	N/A	6242Y																			
11	N/A		6	1.0	1.0	N/A	6242Y																			
12	N/A		6	1.0	1.0	N/A	6242Y																			

\* - Reference Method Lies: A - A, B - B, C - C, D - 100, E - 101, F - 102, G - 103, H - 100/102, J - 100/103, K - 101/102, L - Under ground

**STEPHEN HYDE ELECTRICAL**



Proprietor: Mr. Stephen Hyde : 07814 502814 / 01873 821253

Registered Office: Rock Cottage, Llanvetherine, Abergavenny, Monmouthshire. NP7 8RD

N.A.P.I.T Member 23266



# Schedule of Test Results

This form is based on the model shown in BS7671 wiring regulations. Requirements for electrical installations BS7671:2008 Amd. No. 1 (2011)

Page: 4 of 6 Test Date : 11th May 2015 Certificate No: SHE1039

**STEPHEN**

**HYDE**

**ELECTRICAL**

Address / Location of Distribution Board : No.1 Wisteria Cottage, Kingsfield farm, Marden, Herefordshire. HR1 3EU

Details of circuits and/or installed equipment vulnerable to damage when testing: RCD, Smoke detectors, Boiler controls  
Method of Fault Protection: A. D. O. S.

Type of Supply: TN-C-S  
Zs at Distribution Board (Ohms): 0.29  
PFC/PSCC (KA): 0.797  
Confirmation of Supply Polarity: Correct  
Phase Sequence Confirmed: Correct  
Instrument Used: Loop Impedance: Metrel Eurotest XE Serial Number 13200613  
Continuity: Metrel Eurotest XE Serial Number 13200613  
Insulation: Metrel Eurotest XE Serial Number 13200613  
RCD Tester: Metrel Eurotest XE Serial Number 13200613  
Earth Electrode: Metrel Eurotest XE Serial Number 13200613

Tester: Stephen Hyde  
Signature: [Signature]

Electrical Installation Certificate													Test Results							
N u m b e r	Description	Short Circuit Capacity			Circuit Conductor Details			Continuity (Ohms)				Insulation (Mega Ohms)		Earth Loop Impedance		RCD		Comments Continued on Sheet Numbers		
		6KA	Device	Rating in Amps	CSA Live	CSA	CPC	Ref Method *	Type of Wiring	No. Of Points	Ring Final		Live / Live / Neutral / CPC		At 1x in m/s	At 5x in m/s	Test Button Op			
											R1	R2	Live	Neutral						
13	Shower 9.5KW		B	50	10.0	4.0	B	6242Y	1	N/A	N/A	N/A	0.08	N/A	0.35	144	32	Yes		
14	Spare																			

\* - Reference Method Lies: A - A, B - B, C - C, D - 100, E - 101, F - 102, G - 103, H - 100/102, I - 100/103, J - 101/102, K - 101/103, L - Under ground

# STEPHEN HYDE ELECTRICAL



Proprietor: Mr. Stephen Hyde : 07814 502814 / 01873 821253  
Registered Office: Rock Cottage, Llanvetherine, Abergavenny, Monmouthshire. NP7 8RD

N.A.P.I.T Member 23266



# Schedule of Inspection

This form is based on the model shown in BS7671 wiring regulations

Page: 5 of 6

Certificate Number: SHE1039

**STEPHEN**

**HYDE**

**ELECTRICAL**

## Method of Protection against Electric Shock

### Both Basic and Fault Protection

- (i) SELV
- (ii) PELV
- (iii) Double insulation
- (iv) Reinforced insulation

### Basic Protection

- (i) Insulation of live parts
- (ii) Barriers or enclosures
- (iii) Obstacles
- (iv) Placing out of reach

### Fault Protection

#### (i) Automatic Disconnection of Supply

- Presence of earthing conductor
- Presence of circuit protective conductor
- Presence of protective bonding conductors
- Presence of supplementary bonding conductors
- Presence of earthing arrangements for combined protective and functional purposes
- Presence of adequate arrangements for alternative source(s), where applicable

FELV

- Choice and setting of protective and monitoring devices (for fault and/or overcurrent protection)

#### (ii) Non-Conducting Location

Absence of protective conductors

#### (iii) Earth-Free Local Equipotential Bonding

Presence of earth-free equipotential bonding

#### (iv) Electrical Separation

- Provided for one item of current using equipment
- Provided for more than one item of current using equipment

### Additional Protection

- Presence of residual current device
- Presence of supplementary bonding

### Prevention of Mutual Detrimental Influences

- (i) Proximity of non-electrical services and other influences
- (ii) Segregation of band I and II circuits or band II insulation used
- (iii) Segregation of safety circuits

### Identifications

- (i) Presence of diagrams, instructions, circuit charts and similar information
- (ii) Presence of danger notices and other warning notices
- (iii) Labelling of protective devices, switches and terminals
- (iv) Identification of conductors

### Cables and Conductors

- (i) Routing of cables in prescribed zones or within mechanical protection
- (ii) Connection of conductors
- (iii) Erection methods
- (iv) Selection of conductors for current-carrying capacity and voltage drop
- (v) Presence of fire barriers, suitable seals and protection against thermal effects
- (vi) Cables incorporating earthed armour or sheath, or run within an earthed wiring system, or otherwise adequately protected against nails, screws and the like.
- (vii) Additional protection provided by 30mA RCD's for cables in concealed walls (where required in premises not under the supervision of a skilled or instructed person)

### General

- (i) Presence and correct location of appropriate devices for isolation and switching
- (ii) Adequacy of access to switchgear and other equipment
- (iii) Particular protective measures for special installations and locations
- (iv) Connection of single pole devices for protection or switching in line conductors only
- (v) Correct connection of accessories and equipment
- (vi) Presence of under voltage protective devices
- (vii) Selection of equipment and protective measures appropriate to external influences
- (viii) Selection of appropriate functional switching devices

### NOTES:

- To indicate an inspection has been carried out and the result is satisfactory
- To indicate an inspection has been carried out and the result is not satisfactory (periodic inspection only)
- To indicate an inspection is not applicable
- To indicate that, exceptionally, a limitation with the person ordering the work prevented the inspection being carried out

Inspected By : 

Date: 11<sup>th</sup> May 2015

**STEPHEN HYDE ELECTRICAL**

Proprietor: Mr. Stephen Hyde : 07814 502814 / 01873 821253

Registered Office: Rock Cottage, Llanvetherine, Abergavenny, Monmouthshire. NP7 8RD



**NAPIT**

N.A.P.I.T Member 23266

Main body of handwritten text, consisting of several paragraphs of cursive script.

Handwritten text at the bottom of the page, possibly a signature or date.



# Observations and Recommendations Sheets

This form is based on the model shown in BS7671 wiring regulations.

**STEPHEN  
HYDE  
ELECTRICAL**

Page: 6 of 6 Certificate Number: SHE1039

## Observation and Recommendation 1

The installation has two versions of BS7671 wiring colours. Great care should be taken when working on the installation

Observation only.

## Observation and Recommendation 2

Installation wired to previous regs

Observation only.

## Observation and Recommendation 3

Installation in need of an EICR (Electrical Installation Condition Report)

C3 - Improvement recommended.

## Observation and Recommendation

## Observation and Recommendation

## Observation and Recommendation

## Observation and Recommendation

## Observation and Recommendation

Observations and Recommendations Sheet Number: ONE

Name: Stephen Hyde

Signature: 

Test Date :

11th May

2015

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1. The first part of the text discusses the importance of maintaining accurate records of all transactions and activities related to the business.

2. It emphasizes the need for transparency and accountability in financial reporting.

3. The second part of the text focuses on the role of technology in streamlining business operations.

4. It highlights how digital tools can improve efficiency and reduce the risk of human error.

5. The third part of the text addresses the importance of cybersecurity in protecting sensitive data.

6. It discusses various strategies to prevent data breaches and unauthorized access.

7. The fourth part of the text explores the benefits of cloud computing for businesses.

8. It explains how cloud services can provide scalability and flexibility.

9. The fifth part of the text discusses the importance of regular software updates.

10. It explains how updates help address vulnerabilities and improve system performance.

11. The sixth part of the text focuses on the importance of data backup and recovery.

12. It discusses best practices for ensuring data integrity and availability.

13. The seventh part of the text discusses the importance of employee training.

14. It explains how training can help employees stay up-to-date on the latest technologies.

15. The eighth part of the text discusses the importance of regular security audits.

16. It explains how audits can help identify weaknesses and improve security measures.

17. The ninth part of the text discusses the importance of incident response planning.

18. It explains how having a plan in place can help minimize the impact of a security breach.

19. The tenth part of the text discusses the importance of staying informed about the latest security threats.

20. It explains how staying informed can help businesses take proactive measures to protect themselves.

21. The final part of the text discusses the importance of having a disaster recovery plan.

# Electrical Installation Certificate

## Requirements for Electrical Installations - BS7671 (Wiring Regulations)

This form is based on the model shown in BS7671 wiring regulations

Page: 1 of 6

Certificate Number: SHE1039

**STEPHEN  
HYDE  
ELECTRICAL**

### Details of the Client

Client: Mr. And Mrs. B.R.M. Pritchett

Address: Hermitage House, 2 Oulton Avenue, Belmont, Hereford

Postcode: HR2 7YX

### Installation Address

Installation Address: No1 Wisteria Kingsfield Cottage, Marden, Herefordshire

Postcode: HR1 3EU

### Description and Extent of the Installation

New Installation N/A Addition to an Existing Installation Yes Alteration to an Existing Installation N/A

Description of Installation: Addition of a shower in downstairs bathroom

Extent of Installation Covered by this Certificate: Circuit 13 Shower only. The property does not appear to have a current electrical installation condition report / periodic condition report on it. Highly recommended that this is done.

Records available:  Yes  No Date: N/A Certificate Number: N/A

### Design

I being the person(s) responsible for the design of the electrical installation(as indicated by my signatures below), particulars of which are described above, having exercised reasonable skill and care when carrying out the design hereby CERTIFY that the design work for which I have been responsible is to the best of my knowledge and belief in accordance with BS7671:2008 ammended to (1) 2011 except for the departures, if any, detailed as follows:

**Details of Departures from BS7671 (Regulations 120.3 and 133.5)**

**Water is bonded by board not within 600mm of entering building**

The extent of liability of the signatory is limited to the work described above as the subject of this Certificate.

Signature:  Name: (BLOCK LETTERS) STEPHEN HYDE Date: 11th May 2015

### Construction

I being the person(s) responsible for the construction of the electrical installation(as indicated by my signatures below), particulars of which are described above, having exercised reasonable skill and care when carrying out the construction hereby CERTIFY that the construction work for which I have been responsible is to the best of my knowledge and belief in accordance with BS7671:2008 ammended to (1) 2011 except for the departures, if any, detailed as follows:

**Details of Departures from BS7671 (Regulations 120.3 and 120.4)**

**Water is bonded by board not within 600mm of entering building**

The extent of liability of the signatory is limited to the work described above as the subject of this Certificate.

Signature:  Name: (BLOCK LETTERS) STEPHEN HYDE Date: 11th May 2015

### Inspection

I being the person(s) responsible for the inspection & testing of the electrical installation(as indicated by my signatures below), particulars of which are described above, having exercised reasonable skill and care when carrying out the inspection & testing hereby CERTIFY that the inspection & testing work for which I have been responsible is to the best of my knowledge and belief in accordance with BS7671:2008 ammended to (1) 2011 except for the departures, if any, detailed as follows:

**Details of Departures from BS7671 (Regulations 120.3 and 120.4)**

**Water is bonded by board not within 600mm of entering building**

**The incoming earth is of a 6mm and 10mm cable in parrallel, Recommend EICR is carried out**

The extent of liability of the signatory is limited to the work described above as the subject of this Certificate.

Signature:  Name: (BLOCK LETTERS) STEPHEN HYDE Date: 11th May 2015

### Next Inspection

We the designer(s), recommend that this installation is further inspected and tested after an interval not more than 5 years, N/A months.

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Registered Office: Rock Cottage, Llanvetherine, Abergavenny, Monmouthshire. NP7 8RD

N.A.P.I.T Member 23266

1. The first part of the text discusses the importance of maintaining accurate records of all transactions and activities. This is essential for ensuring transparency and accountability in the organization's operations.

2. The second part of the text focuses on the need for regular communication and reporting. This helps to keep all stakeholders informed and allows for timely decision-making.

3. The third part of the text emphasizes the importance of maintaining a high level of security and data protection. This is crucial for safeguarding sensitive information and ensuring the integrity of the organization's data.

4. The fourth part of the text discusses the need for regular audits and reviews. This helps to identify areas for improvement and ensure that the organization is meeting its goals and objectives.

5. The fifth part of the text focuses on the importance of maintaining a strong relationship with external stakeholders. This is essential for ensuring the organization's long-term success and growth.

6. The sixth part of the text discusses the need for regular training and development. This helps to ensure that the organization's workforce is equipped with the skills and knowledge needed to succeed in a competitive market.

7. The seventh part of the text emphasizes the importance of maintaining a high level of ethical standards. This is crucial for ensuring the organization's reputation and trustworthiness.

8. The eighth part of the text discusses the need for regular risk assessment and management. This helps to identify potential risks and ensure that the organization is prepared to respond to them effectively.

9. The ninth part of the text focuses on the importance of maintaining a strong financial position. This is essential for ensuring the organization's long-term sustainability and growth.

### Conclusion

10. The tenth part of the text discusses the need for regular communication and reporting. This helps to keep all stakeholders informed and allows for timely decision-making.

11. The eleventh part of the text emphasizes the importance of maintaining a high level of security and data protection. This is crucial for safeguarding sensitive information and ensuring the integrity of the organization's data.

12. The twelfth part of the text discusses the need for regular audits and reviews. This helps to identify areas for improvement and ensure that the organization is meeting its goals and objectives.

13. The thirteenth part of the text focuses on the importance of maintaining a strong relationship with external stakeholders. This is essential for ensuring the organization's long-term success and growth.

14. The fourteenth part of the text discusses the need for regular training and development. This helps to ensure that the organization's workforce is equipped with the skills and knowledge needed to succeed in a competitive market.

15. The fifteenth part of the text emphasizes the importance of maintaining a high level of ethical standards. This is crucial for ensuring the organization's reputation and trustworthiness.

16. The sixteenth part of the text discusses the need for regular risk assessment and management. This helps to identify potential risks and ensure that the organization is prepared to respond to them effectively.

17. The seventeenth part of the text focuses on the importance of maintaining a strong financial position. This is essential for ensuring the organization's long-term sustainability and growth.

18. The eighteenth part of the text discusses the need for regular communication and reporting. This helps to keep all stakeholders informed and allows for timely decision-making.

19. The nineteenth part of the text emphasizes the importance of maintaining a high level of security and data protection. This is crucial for safeguarding sensitive information and ensuring the integrity of the organization's data.

# Particulars of Signatures to the Electrical Installation Certificate

This form is based on the model shown in BS7671 wiring regulations

**STEPHEN  
HYDE  
ELECTRICAL**

Page: 2 of 6 Certificate Number: SHE1039

**Designer** Name: Stephen Hyde Phone Number: 07814 502814  
Address: Rock Cottage Llanvetherine Abergavenny  
Postcode: NP7 8RD

**Constructor** Name: Stephen Hyde Phone Number: 07814 502814  
Address: Rock Cottage Llanvetherine Abergavenny  
Postcode: NP7 8RD

**Inspector** Name: Stephen Hyde Phone Number: 07814 502814  
Address: Rock Cottage Llanvetherine Abergavenny  
Postcode: NP7 8RD

## Supply Characteristics and Earthing Arrangements

Earthing Arrangements	Number and Type of Live Conductors	Nature of Supply Parameters	Supply Protective Device Characteristics
TN-C-S	1 Phase - 2 Wire a.c.	Nominal Voltage, U <sub>n</sub> /U <sub>e</sub> 230V Nominal Frequency, f 50Hz	Type: BS1361
Other Sources of Supply: <input type="checkbox"/> N/A (as detailed in attached schedules)		Prospective Fault Current, I <sub>pf</sub> 0.797 KA External Loop Impedance, Z <sub>o</sub> 0.29 Ohms	Rated Current: Not Checked

## Particulars of Installation Referred to in the Report

Means of Earthing: Distributors Facility

Maximum Demand (load): 100 Amps

Details of Earth Electrode (where applicable)

Type:  
N/A

Location:  
N/A

Electrode Resistance to Earth:  
N/A Ohms

## Main Protective Conductors

Earthing Conductor:

Material: Copper CSA: 10.0 mm<sup>2</sup>

Main Protective Bonding Conductors:

Material: Copper CSA: 10.0 mm<sup>2</sup>

Continuity and Connection:

Varified

Varified

To incoming water service: Yes

To incoming gas service: N/A

To incoming oil service: N/A

To other incoming services: N/A

(Details)

## Main Switch or Circuit Breaker

BS, Type: BSEN 60947-3 Mainswitch

Number of Poles: Two

Current Rating: 100A

Voltage Rating: 240V

Fuse Rating or Setting: N/A

Rated Time Delay: N/A

Location: By meter at rear door

Rated residual operating current I<sub>Δn</sub>: N/A

mA, and operating time of: N/A ms (at I<sub>Δn</sub>)

## Comments on Existing Installation (in case of an addition or alteration see section 633)

Wired approximately 30 years ago, in need of an EICR to check safety and compliance with regulations.

## Schedule(s)

The attached schedules are part of this document and this Certificate is valid only when they are attached to  
Schedules of Test Results attached 1 Schedules of Inspections attached 1

Inspected By : *SH*

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1.1.1. The simple interest formula is  $I = Prt$ .

where  $I$  is the interest,  $P$  is the principal,  $r$  is the rate, and  $t$  is the time.

1.1.2. The total amount  $A$  is given by  $A = P + I$ .

1.1.3. Example:  $P = 1000$ ,  $r = 0.05$ ,  $t = 3$ .

1.1.4. Example:  $I = 150$ ,  $r = 0.05$ ,  $t = 3$ .

1.1.5. Example:  $P = 1000$ ,  $r = 0.05$ ,  $t = 3$ .

1.1.6. Example:  $I = 150$ ,  $r = 0.05$ ,  $t = 3$ .

1.1.7. Example:  $P = 1000$ ,  $r = 0.05$ ,  $t = 3$ .

1.1.8. Example:  $I = 150$ ,  $r = 0.05$ ,  $t = 3$ .

1.1.9. Example:  $P = 1000$ ,  $r = 0.05$ ,  $t = 3$ .

1.1.10. Example:  $I = 150$ ,  $r = 0.05$ ,  $t = 3$ .

1.1.11. Example:  $P = 1000$ ,  $r = 0.05$ ,  $t = 3$ .

1.1.12. Example:  $I = 150$ ,  $r = 0.05$ ,  $t = 3$ .

1.1.13. Example:  $P = 1000$ ,  $r = 0.05$ ,  $t = 3$ .

1.1.14. Example:  $I = 150$ ,  $r = 0.05$ ,  $t = 3$ .

1.1.15. Example:  $P = 1000$ ,  $r = 0.05$ ,  $t = 3$ .

1.1.16. Example:  $I = 150$ ,  $r = 0.05$ ,  $t = 3$ .

1.1.17. Example:  $P = 1000$ ,  $r = 0.05$ ,  $t = 3$ .

1.1.18. Example:  $I = 150$ ,  $r = 0.05$ ,  $t = 3$ .

1.1.19. Example:  $P = 1000$ ,  $r = 0.05$ ,  $t = 3$ .

1.1.20. Example:  $I = 150$ ,  $r = 0.05$ ,  $t = 3$ .

1.1.21. Example:  $P = 1000$ ,  $r = 0.05$ ,  $t = 3$ .

1.1.22. Example:  $I = 150$ ,  $r = 0.05$ ,  $t = 3$ .

1.1.23. Example:  $P = 1000$ ,  $r = 0.05$ ,  $t = 3$ .

1.1.24. Example:  $I = 150$ ,  $r = 0.05$ ,  $t = 3$ .

1.1.25. Example:  $P = 1000$ ,  $r = 0.05$ ,  $t = 3$ .

1.1.26. Example:  $I = 150$ ,  $r = 0.05$ ,  $t = 3$ .

1.1.27. Example:  $P = 1000$ ,  $r = 0.05$ ,  $t = 3$ .

1.1.28. Example:  $I = 150$ ,  $r = 0.05$ ,  $t = 3$ .

1.1.29. Example:  $P = 1000$ ,  $r = 0.05$ ,  $t = 3$ .

1.1.30. Example:  $I = 150$ ,  $r = 0.05$ ,  $t = 3$ .

1.1.31. Example:  $P = 1000$ ,  $r = 0.05$ ,  $t = 3$ .

1.1.32. Example:  $I = 150$ ,  $r = 0.05$ ,  $t = 3$ .

1.1.33. Example:  $P = 1000$ ,  $r = 0.05$ ,  $t = 3$ .

1.1.34. Example:  $I = 150$ ,  $r = 0.05$ ,  $t = 3$ .

1.1.35. Example:  $P = 1000$ ,  $r = 0.05$ ,  $t = 3$ .

1.1.36. Example:  $I = 150$ ,  $r = 0.05$ ,  $t = 3$ .

1.1.37. Example:  $P = 1000$ ,  $r = 0.05$ ,  $t = 3$ .

1.1.38. Example:  $I = 150$ ,  $r = 0.05$ ,  $t = 3$ .

1.1.39. Example:  $P = 1000$ ,  $r = 0.05$ ,  $t = 3$ .

1.1.40. Example:  $I = 150$ ,  $r = 0.05$ ,  $t = 3$ .