



**APPROVED CONTRACTOR**  
Contractor's Reference Number  
N/A

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

DPN6/0320253

Issued in accordance with British Standard 7671 - Requirements for Electrical Installations by an Approved Contractor or Confirming Body enrolled with NICEIC, Warwick House, Houghton Hall Park, Houghton Regs, Dunstable LU5 5ZX

## DOMESTIC ELECTRICAL INSTALLATION CONDITION REPORT (FOR A SINGLE DWELLING)

### A. DETAILS OF THE CLIENT

Client: Saffron Associates  
Address: PO Box 7683  
Sturminster Newton

Postcode: DT10 9BF

### B. PURPOSE OF THE REPORT

Purpose for which this report is required:  
Periodic inspection

Date(s) on which inspection and testing were carried out:  
30/10/2015

### C. DETAILS OF THE INSTALLATION

Occupier: N/A  
Address: 140 Alder Rd

Postcode:

Estimated age of the electrical installation:	25+	years	Evidence of alterations or additions	<input checked="" type="checkbox"/>	If yes, estimated age	1	years
Date of previous inspection:	N/A		Electrical Installation Certificate No or previous Periodic Inspection or Condition Report No.:		DN6/0812784		
Records of installation available:	No		Records held by:		N/A		

### D. EXTENT OF THE INSTALLATION AND LIMITATIONS ON THE INSPECTION AND TESTING

Extent of the electrical installation covered by this report:  
The whole installation

Agreed limitations (including the reasons, if any, on the inspection and testing:  
N/A

Agreed with: N/A

Operational limitations including the reasons (see page No. N/A )  
N/A

The inspection and testing have been carried out in accordance with BS 7671, as amended. Cables concealed within trunking and conduits, or cables and conduits concealed under floors, in inaccessible roof spaces and generally within the fabric of the building or underground, have not been visually inspected unless specifically agreed between the client and inspector prior to the inspection.

### E. SUMMARY OF THE CONDITION OF THE INSTALLATION

General condition of the installation (in terms of electrical safety):  
Good condition but the 13 amp socket is circuit is only on one circuit breaker and so is the lighting

Summary of the condition of the installation continued on additional pages? No  Yes  Specify page

Overall assessment of the installation: **SATISFACTORY**

\* An 'Unsatisfactory' assessment indicates that dangerous (CODE C1) and/or potentially dangerous (CODE C2) conditions have been identified, or that further investigation without delay (FI) is required

Please see the 'Notes for Recipients'

This report should have been reviewed and confirmed by the registered Qualified Supervisor of the Approved Contractor responsible for issuing it. (See declaration on page 2)  
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**F. OBSERVATIONS AND RECOMMENDATIONS FOR ACTIONS TO BE TAKEN**

Referring to the attached schedules of inspection and test results, and subject to the limitations at D: There are no items adversely affecting electrical safety. N/A or The following observations and recommendations for action are made

Item No	Observations	Code
1	Splitting up of the 13 amp socket circuit to make two or more circuits	C3
2	The Consumer unit is not made of metal	C3

**Additional Pages?** No  Yes  Specify page

*One of the following codes, as appropriate, has been allocated to each of the observations made above to indicate to the person(s) responsible for the installation the degree of urgency for remedial action:*

Code C1 "Danger Present", Risk of injury. Immediate remedial action required.

Code C2 "Potentially dangerous", Urgent remedial action required.

Code C3 "Improvement recommended".

Code F1 "Further investigation required without delay".

Please see the "Guidance for Recipients" regarding the Classification codes.

<b>Immediate remedial action required for items:</b>	N/A
<b>Urgent remedial action required for items:</b>	N/A
<b>Further investigation required without delay for items:</b>	N/A
<b>Improvement recommended for items:</b>	1, 2

**G. DECLARATION**

I/We, being the person(s) responsible for the inspection and testing of the electrical installation (as indicated by my/our signatures below), particulars of which are described on page 1 (see C), having exercised reasonable skill and care when carrying out the inspection and testing, hereby declare that the information in this report, including the observations (see F) and the attached schedules (see H), provides an accurate assessment of the condition of the electrical installation taking into account the stated extent of the installation and the limitations on the inspection and testing (see D).

I/We further declare that in my/our judgement, the overall assessment of the installation in terms of its suitability for continued use is **SATISFACTORY**

(See F) at the time the inspection was carried out, and that it should be further inspected as recommended (see I).

\* An "Unsatisfactory" assessment indicates that dangerous (CODE C1) and/or potentially dangerous (CODE C2) conditions have been identified, or that further investigation without delay (F1) is required

**INSPECTION, TESTING AND ASSESSMENT BY:**

Signature

Name (CAPITALS) ROBERT HAYSON

Position Qualified Supervisor

Date: 30/10/2015

**REPORT REVIEWED AND CONFIRMED BY:**

Signature

Name (CAPITALS) ROBERT HAYSON

(Registered Qualified Supervisor for the Approved Contractor at J)

Date: 30/10/2015

**H. SCHEDULES AND ADDITIONAL PAGES**

Schedule of Inspection: Page(s) No 4, 5, 6

Additional pages, including data sheets for additional source(s): Page No(s)

Schedule of Test Results for the Installation: Page No(s) 7

Schedule of Circuit Details for the Installation: Page No(s) 7

The pages identified are an essential part of this report. The report is valid only if accompanied by all the schedules and additional pages identified above.

Original (To the person ordering the work)

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**J. DETAILS OF NICEIC APPROVED CONTRACTOR**

Trading Title: **RNH ELECTRICAL SERVICES LTD**  
 Address: **1 MALWOOD MOOR LANE STURMINSTER MARSHALL WIMBORNE DORSET**  
 Postcode: **BH214BD**  
 Telephone number: **01258857616**  
 Email Address: **N/A**  
 Enrolment number: **17476**  
 (Essential information)  
 Branch number: **N/A**  
 (if applicable)

**I. NEXT INSPECTION**  
 I/We recommend that this installation is further inspected and tested after an interval of not more than  
 Five years  
 (Enter interval in terms of years, months or weeks, as appropriate)  
 provided that any items at F which have been attributed a Classification code C1 (danger present) are remedied immediately and that any items which have been attributed a code C2 (potentially dangerous) or F1 (further investigation required without delay) are remedied or investigated respectively as a matter of urgency, items which have been attributed a Classification code C3 should be improved as soon as practicable (see F1).

**K. SUPPLY CHARACTERISTICS AND EARTHING ARRANGEMENTS**

System Type(s)	Number and Type of Live Conductors	Other (please state)	Nature of Supply Parameters	Characteristics of Primary Supply Overcurrent Protective Device(s)
TMS	3 a.c.	N/A	Nominal Voltage(s): 230 V Nominal frequency, f <sub>0</sub> : 50 Hz Prospective fault current, I <sub>p</sub> (230): 1.43 kA External earth fault loop impedance, Z <sub>e</sub> (39): 0.24 Ω	BS(EN) 1362 Type 2 Rated current 100 A Short-circuit capacity 33 kA
TN-C-S	1-phase (2 wire)	1-phase (3 wire)		
TT	3-phase (3 wire)	3-phase (4 wire)		

**L. PARTICULARS OF INSTALLATION AT THE ORIGIN**

Details of Installation Earth Electrode (where applicable)

Means of Earthing  
 Distributor's facility:  Type: N/A Location: N/A  
 Installation earth electrode:  Electrode resistance, R<sub>A</sub>: N/A (Ω) Method of measurement: N/A

Main Switch/switch-Fuse/Circuit Breaker/RCD

Type: BS(EN)	60947.3	Voltage rating	230 V
No of Poles	2	Rated current, I <sub>n</sub>	100 A
Primary supply conductors (material)	Copper	RCD operating current, I <sub>Δn</sub>	N/A mA
Primary supply conductors (csa)	16 mm <sup>2</sup>	Rated time delay*	N/A ms
		RCD operating time (at I <sub>Δn</sub> )	N/A ms

Earthing and protective bonding conductors

Main protective bonding conductors  
 Earthing conductor  
 Conductor material: Copper  
 Conductor csa: 16 mm<sup>2</sup>  
 Connection/continuity verified:

Conductor material: Copper  
 Conductor csa: 10 mm<sup>2</sup>  
 Connection/continuity verified:

Bonding of extraneous-conductive-parts   
 Water service   
 Gas service   
 Oil service   
 Lightning protection   
 Other (Specify) N/A

\* Applicable only where an RCD is suitable and is used as a main circuit breaker

**SCHEDULE OF INSPECTIONS**

Item	Description	Outcome*	Location reference	Item	Description	Outcome*	Location reference
1.0	Condition/adequacy of distributor's supply intake equipment †			4.0	Consumer unit(s)		
1.1	Service cable	✓		4.1	Adequacy of working space or access to consumer unit	✓	
1.2	Service head	✓		4.2	Security of fixing	✓	
1.3	Distributor's earthing arrangement	✓		4.3	Condition of enclosure(s) in terms of IP rating	✓	
1.4	Meter tails - Distributor/Consumer	✓		4.4	Condition of enclosure(s) in terms of fire rating	X	
1.5	Metering equipment	✓		4.5	Enclosure not damaged/deteriorated so as to impair safety	✓	
1.6	Means of main isolation (where present)	N/A		4.6	Presence of linked main switch	✓	
2.0	Presence of adequate arrangements for other sources (microgenerators etc)			4.7	Operation of main switch (functional check)	✓	
2.1	Adequate arrangements where a generating set operates as a switched alternative to the public supply	N/A		4.8	Operation of circuit-breakers and RCDs to prove disconnection (functional check)	✓	
2.2	Adequate arrangements where a generating set operates in parallel with the public supply	N/A		4.9	Correct identification of circuits and protective devices	✓	
3.0	Earthing and bonding arrangements			4.10	Presence of RCD test notice at or near consumer unit	✓	
3.1	Presence and condition of distributor's earthing arrangement	✓		4.11	Presence of non-standard (mixed) cable colour warning notice at or near consumer unit	✓	
3.2	Presence and condition of earth electrode connection	N/A		4.12	Presence of alternative or additional supply warning notice at or near consumer unit	N/A	
3.3	Confirmation of adequate earthing conductor size	✓		4.13	Presence of replacement next inspection recommendation label	✓	
3.4	Accessibility and condition of earthing conductor at Main Earthing Terminal (MET)	✓		4.14	Presence of other required labelling (please specify)	✓	
3.5	Confirmation of adequate main protective bonding conductor sizes	✓		4.15	Examination of protective device(s) and base(s); correct type and rating (no signs of unacceptable thermal damage, arcing or overheating)	✓	
3.6	Accessibility and condition of main protective bonding conductor connections	✓		4.16	Single-pole switching or protective devices in the line conductors only	✓	
3.7	Accessibility and condition of other protective bonding connections	✓		4.17	Protection against mechanical damage where cables enter consumer unit	✓	
3.8	Provision of earthing and bonding labels at all appropriate locations	✓		4.18	Protection against electromagnetic effects where cables enter metallic consumer unit/enclosure	N/A	

† Where inadequacies in distributor's equipment are encountered, it is recommended that the person ordering the report informs the appropriate authority.

\* All Outcome boxes must be completed  
 ✓ indicates Acceptable condition  
 U/N/A indicates a Limitation

U/N/A indicates Not applicable  
 Unacceptable condition state C1 or C2  
 Improvement recommended state C3

Further investigation required without delay state F1  
 (to determine whether danger or potential danger exists)

Outcome  
 Provide additional comment where appropriate on attached numbered sheets.  
 C1, C2, C3 and F1 coded items to be recorded in Section F of the report.



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### SCHEDULE OF INSPECTIONS

Item	Description	Outcome*	Location reference
4.19	RCDs provided for fault protection - includes RCBOs	N/A	
4.20	RCDs provided for additional protection - includes RCBOs	✓	
4.21	Confirmation of indication that SPD is functional	N/A	
4.22	Confirmation that ALL conductor connections, including connections to busbars are correctly located in terminals and are tight and secure	✓	
5.0	Distribution/final circuits		
5.1	Identification of conductors	✓	
5.2	Cables correctly supported throughout their length	✓	
5.3	Condition of insulation of live parts	✓	
5.4	Non-sheathed cables protected by enclosure in conduit, ducting or trunking (including confirmation of the integrity of conduit and trunking systems)	✓	
5.5	Adequacy of cables for current-carrying capacity with regard to the type and nature of installation	✓	
5.6	Adequacy of protective devices, type and rated current for fault protection	✓	
5.7	Presence and adequacy of circuit protective conductors	✓	
5.8	Co-ordination between conductors and overhead protective devices	✓	
5.9	Wiring system(s) appropriate for the type and nature of the installation and external influences	✓	
5.10	Cables installed under floors, above ceilings, in walls / partitions, adequately protected against damage * installed in prescribed zones (see Section D. Extent and limitations)	✓	
	* incorporating earthed armour or sheath, or installed within earthed wiring system, or otherwise protected against mechanical damage by nails, screws and the like (see Section D. Extent and limitations)	N/A	

Item	Description	Outcome*	Location reference
5.11	Provision of additional protection by RCD not exceeding 30 mA * † for all socket-outlets of rating 20 A or less * † for mobile equipment not exceeding a rating of 32A for use outdoors * † for cables installed in walls or partitions at a depth of less than 50 mm * † for cables installed in walls / partitions containing metal parts regardless of depth	✓	
5.12	Provision of fire barriers, sealing arrangements and protection against thermal effects	✓	
5.13	Band II cables segregated/separated from Band I cables	N/A	
5.14	Cables segregated/separated from communications cabling	N/A	
5.15	Cables segregated/separated from non-electrical services	✓	
5.16	Termination of cables at enclosures (extent of sampling indicated in Section D of the report ) * Connections soundly made and under no undue strain * No basic insulation of a conductor visible outside enclosures * Connections of live conductors adequately enclosed * Adequately connected at point of entry to enclosure (glands, bushes etc.)	✓	
5.17	Condition of accessories including socket-outlets, switches and joint boxes	✓	
5.18	Suitability of accessories for external influences	✓	
5.19	Adequacy of working space / accessibility to equipment	✓	
5.20	Single-pole devices for switching or protection in live conductors only	✓	

† Note: Older installations designed prior to BS 7871:2008 may not have been provided with RCDs for additional protection

\* All Outcomes boxes must be completed  
✓ Indicates acceptable condition  
N/A Indicates a limitation

N/A† Indicates Not applicable  
Unacceptable condition state C1 or C2  
Improvement recommended state C3

Further investigation required without delay status F1  
(to determine whether danger or potential danger exists)

Outcome  
Provide additional comment where appropriate on attached numbered sheets  
C1, C2, C3 and F1 coded items to be recorded in Section F of the report.

**CIRCUIT DETAILS**

Circuit number	Circuit designation  * To be completed only where the consumer unit is remote from the origin of the installation. Record details of the circuit supplying this consumer unit in the bold box.	Type of wiring (see code below)	Reference Method (see Appendix 4 of BS 7671)	Number of points served	Circuit conductors, CSA		Max. disconnection time permitted by BS 7671 (s)	Overcurrent protective devices			Circuit impedances (Ω)			Insulation resistance				Maximum earth fault loop impedance, Z <sub>s</sub> (Ω)	RCD operating times		Test button operation						
					Live (mm <sup>2</sup> )	opc (mm <sup>2</sup> )		BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)	Operating current, I <sub>Δn</sub> (mA)	Z <sub>s</sub> (Ω)	R <sub>1</sub> (Line) (Ω)	R <sub>1</sub> (Neutral) (Ω)	R <sub>1</sub> + R <sub>2</sub> (Ω)	R <sub>2</sub> (Ω)		Line/Line (MΩ)	Line/Neutral (MΩ)		Line/Earth (MΩ)	Neutral/Earth (MΩ)	Polarity	at I <sub>Δn</sub> (ms)	at 5I <sub>Δn</sub> if applicable (ms)	
1	Shower	A	C	1	6	2.5	0.4	60898	B	32	6	30	1667	N/A	N/A	N/A	0.31	N/A	N/A	2.3	2.3	2.3	2.3	0.55	45.9	9.1	✓
2	Oven	A	C	1	6	2.5	0.4	60898	B	32	6	30	1667	N/A	N/A	N/A	0.11	N/A	N/A	2.3	2.3	2.3	2.3	0.35	45.9	9.1	✓
3	Smoke detectors	A	101	10	1	1	0.4	60898	B	6	6	30	1667	N/A	N/A	N/A	1.92	N/A	N/A	2.3	2.3	2.3	2.3	2.16	45.9	9.1	✓
4	Door bell transformer	A	C	1	1	1	0.4	60898	B	6	6	30	1667	N/A	N/A	N/A	0.02	N/A	N/A	2.3	2.3	2.3	2.3	0.26	45.9	9.1	✓
5	Lights	A	101	15+	1	1	0.4	60898	B	6	6	30	1667	N/A	N/A	N/A	1.15	N/A	N/A	2.3	2.3	2.3	2.3	1.39	45.9	9.1	✓
6	13 amp sockets	A	C	25+	2.5	1.5	0.4	60898	B	20	6	30	1667	N/A	N/A	N/A	1.43	N/A	N/A	2.9	2.9	2.9	2.9	1.67	33.7	11.8	✓
7	Immersion	A	C	1	2.5	1.5	0.4	60898	B	16	6	30	1667	N/A	N/A	N/A	0.24	N/A	N/A	2.9	2.9	2.9	2.9	0.48	33.7	11.8	✓
8	Basement lights	A	C	3	1	1	0.4	60898	B	6	6	30	1667	N/A	N/A	N/A	0.68	N/A	N/A	2.9	2.9	2.9	2.9	0.92	33.7	11.8	✓

**TEST RESULTS**

Location of consumer unit: N/A  
Designation of consumer unit: DB001...  
Prospective fault current at consumer unit: N/A  
KA

**TEST INSTRUMENTS**

Multi-functional	MFT 1730	Insulation resistance	N/A	Continuity	N/A	Earth electrode resistance	N/A	Earth fault loop impedance	N/A	RCD	N/A
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CODES FOR TYPE OF WIRING

A	B	C	D	E	F	G	H	Q (Other - please state)
Thermoplastic insulated sheathed cables	Thermoplastic cables in metallic conduit	Thermoplastic cables in non-metallic conduit	Thermoplastic cables in metallic trunking	Thermoplastic cables in non-metallic trunking	Thermoplastic/SWA cables	Thermosetting/SWA cables	Mineral-insulated cables	N/A