

DOMESTIC PERIODIC INSPECTION REPORT

[FOR A SINGLE DWELLING]



A Details of the Client		B Address and Details of the Installation	
Client/Address:	Bence Bolygo 1 Boyn Hill Close Maidenhead Berkshire SL6 4JD	Address:	23 Gerald Road 23 Gerald Road Salford Manchester M6 6DW
			Estimated age of the electrical Installation: 25 Years
		Evidence of alterations or additions:	N/A If yes, estimated age: N/A Years
		Date of previous Inspection:	Not Known Electrical Installation Certificate number or previous periodic inspection Report number: Not Known
		Records of Installation available:	N/A Records held by: N/A

C Purpose of the Report		D Extent of the Installation and Limitations of the Inspection and Testing	
† (See note below)		‡ (See note below)	
Purpose for which this Report is required:	Requirement for letting	Extent of the Electrical Installation covered by this report :	Lighting and power circuits as far as possible
		Agreed Limitations, if any on the inspection and testing:	Insulation resistance of all conductors. All electrical points obstructed by any object. All external installation. All electrical luminaries. Power to burglar and smoke alarm.

E Particulars of the Approved Contractor

Trading Title: Derby Firelec Limited

Address: 195 Derby Street
Bolton
Lancashire
BL3 6JT

NICEIC Enrolment Number: 028987 Branch No. (If Applicable): N/A

F Declaration

We being the person(s) responsible for the inspection and testing of the electrical installation (as indicated by our signature(s) below), particulars of which are described above (see B), having exercised reasonable skill and care when carrying out the inspection and testing, hereby declare that the information in this report, including the observation (see G) and the attached schedules (see K and L), provides an accurate assessment of the condition of the electrical installation taking into account the stated extent of the installation and the limitations of the inspection and testing (see D).

We further declared that in our judgement, the said installation was overall in a satisfactory condition (see H) at the time the inspection was Carried out, and that it should be further inspected as recommended (see I).

* (Insert 'a satisfactory' or 'an unsatisfactory', as appropriate)

INSPECTION, TESTING AND ASSESSMENT BY:		REPORT REVIEWED AND CONFIRMED BY:	
Signature:		Signature:	
Name: (CAPITALS)	M R Patel	Name: (CAPITALS)	M R Patel
Position:	Qualified Supervisor		(Registered Qualified Supervisor for the Approved Contractor at E)
Date:	23/05/2012	Date:	23/05/2012

† This Domestic Periodic Inspection Report must be used only for reporting on the condition of an existing installation.
‡ The inspection and testing have been carried out in accordance with BS 7671 : 2008, 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.
* This Domestic Periodic Inspection Report should be reviewed and confirmed by the registered Qualified Supervisor of the Approved Contractor responsible for issuing it.

G 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.

or

The following observations and recommendations are made.

 N/A

Item No		Code†

Note: if necessary, continue on additional page(s), which must be identified by the Domestic Periodic Inspection Report serial number and page number(s)

† Where observation are made, the inspector will have entered one of the following codes against each observation to indicate the action (if any) recommended:-

- 1. 'requires urgent attention' or
- 2. 'requires improvement' or
- 3. 'requires further investigation' or
- 4. 'does not comply with BS 7671 : 2008 (as amended)'

Urgent remedial work recommended for items:

Corrective actions recommended for items:

H Summary of the Inspection

General condition of the installation:

General condition of the installation is good.

Note: if necessary, continue on additional page(s), which must be identified by the Domestic Periodic Report serial number and page number(s).

Date(s) of the inspection:

Overall assessment of the installation.

(Entry should read either 'satisfactory' or 'unsatisfactory')

I Next Inspection

We recommend that this installation is further inspected and tested after an interval of not more than: or change of tenancy

(Enter interval in terms of years or months, as appropriate)

Provided that any items at G which have been attributed a Recommendation Code 1 (requires urgent attention) are remedied without delay. Items which have been attributed a Recommendation Code 2 or 3 should be actioned as soon as practicable (see G).

J Supply Characteristics Earthing And Bonding Arrangements

Supply Characteristics		Number and type of live conductors		System Type(s)		Characteristics of Primary Supply Overcurrent protective Device(s)		Main Switch or Circuit-Breaker				Means of Earthing		Earthing and Protective Bonding Conductors							
														Earthing Conductor		Main Protective Bonding Conductors					
Nominal Voltage $U^{(1)}$	N/A	V	1-Phase (2 Wire)	<input checked="" type="checkbox"/>	TN-S	<input checked="" type="checkbox"/>	BS(EN) 1361 Fuse HBC	Type BS(EN)	60947-3	Voltage rating	230	V	Distributor's facility	<input checked="" type="checkbox"/>	Conductor material	Copper	Conductor material	Copper			
Nominal Voltage U_o	230	V	1-Phase (3 Wire)	N/A		TN-C-S	N/A	Type	2	Current rating	100	A	Installation earth electrode	N/A	Conductor csa	16	mm ²	Conductor csa	10	mm ²	
Nominal Frequency $f^{(1)}$	50	Hz	3-Phase (3 Wire)	N/A	TT		N/A	Nominal current rating	60	A	*RCD Operating current, $I_{\Delta n}$	N/A	mA	Type (eg rod(s), tape,etc)	N/A	Continuity check	<input checked="" type="checkbox"/>	Continuity check	<input checked="" type="checkbox"/>		
Prospective fault current, $I_{pf}^{(2)}$	1.00	kA	3-Phase (4 Wire)	N/A		Other (please state)		Short circuit capacity	33	kA	Supply conductors material	Copper	Electrode resistance, R_A	N/A	(Ω)	Bonding of extraneous conductive parts					
External earth fault loop impedance, $Z_e^{(3)}$	0.23	Ω			Notes			Supply conductors csa	25	mm ²	*RCD Operating time, (at $I_{\Delta n}$)	N/A	ms	Location	N/A	Water service	<input checked="" type="checkbox"/>	Gas service	<input checked="" type="checkbox"/>	Lightning	N/A
				N/A										Method of measurement	N/A	Oil service	N/A	Structural steel	N/A	Other	N/A

* (applicable only where an RCD is used as a main circuit-breaker)

K Schedule of Items Inspected

(See note below)

Protective measures against electric shock

Basic and fault protection

Enter low voltage Double or reinforced insulation N/A SELV

N/A Double or reinforced insulation

Basic protection

Insulation of live parts Barriers of enclosures

Fault protection

Automatic disconnection of supply

Presence of earthing conductor

Presence of circuit protective conductors.

Presence of main protective bonding conductors

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

Electrical Separation

For one item of current-using equipment

Identification (cont)

- Presence of residual current device(s)
- Presence of supplementary bonding conductors.
- Prevention of mutual detrimental influence**
- Proximity of non-electrical services and other influences
- Segregation of Band I and Band II Circuits or Band II insulation used.
- Segregation of safety circuits

Identification

- Presence of diagrams, instructions, circuit charts and similar information.
- Presence of danger notices
- Presence of other warning notices, including presence of mixed wiring colours
- Labelling of protective devices, switches and terminals
- Identification of conductors

Cables and conductors

- Selection of conductors for current carrying capacity and voltage drop
- Erection methods

Cables and conductors (cont)

- Routing of cables in prescribed zones
- Cables incorporating earthed armour of sheath, or run in an earthed writing system, or otherwise protected against nails, screws and the like
- Additional protection by 30mA RCD (where required, in premises not under the supervision of skilled or instructed person)
- Connection of conductors
- Presence of fire barriers, suitable seals and protection against thermal effects.

General

- Presence and correct location of appropriate devices for isolation and switching
- Adequacy of access to switchgear and other equipment
- Particular protective measures for special installations and locations
- Connection of single pole devices for protection or switching in line conductors only
- Correct connection of accessories and equipment
- Selection of equipment and protective measures appropriate to external influences
- Selection of appropriate functional switching devices

L Schedule Of Items Tested

- External earth fault loop impedance, Z_e
- N/A Installation earth electrode resistance, R_A
- Continuity of protective conductors
- Continuity of ring final circuit conductors
- LIM Insulation resistance between live conductors
- Insulation resistance between live conductors and earth
- Polarity
- Earth fault loop impedance, Z_s
- Verification of phase sequence
- Operation of residual current device(s)
- Functional testing of assemblies
- Verification of voltage drop

(See note below)

All boxes must be completed. indicates that an inspection was carried out and that the result was satisfactory. 'X' indicates that an inspection was carried out and that the result was unsatisfactory. 'N/A' indicates that an inspection or a test was not applicable to the particular installation. 'LIM' indicates that, exceptionally, a limitation agreed with the person ordering the work (as recorded in Section D) prevented the inspection or test being carried out.

Circuit Details															Test Results																	
Circuit Number & Phase	Circuit Designation	D = Distribution Circuit F = Final Circuit	Type of Wiring	Reference Method	Number of Points Served	Circuit Conductors CSA		Max. Disconnection Time Permitted by BS7671	Overcurrent Protective Device				RCD	Maximum Zs Permitted by BS7671	Circuit Impedances (Ω)					Insulation Resistance				Polarity	Maximum measured Earth Fault Loop Impedance Zs	RCD Operating times						
						Live mm ²	CPC mm ²		BS(EN)	Type No.	Rating A	Short-Circuit capacity kA	Operating Current IΔn mA		r ₁ Line	r _n Neutral	r ₂ CPC	All circuits (At least one column to be completed)		Line/Line MΩ	Line/Neutral MΩ	Line/Earth MΩ	Neutral/Earth MΩ			at IΔn ms	at 5IΔn ms					
																		R ₁ + R ₂	R ₂													
*	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
1/S	RCD Module (Split Board)																						-									
2/S	RCD Module (Split Board)																						-									
3/S	Lights All	F	A	A	10	1.5	1	0.4	60898 MCB	B	6	6	30	7.67	N/A	N/A	N/A	0.53	N/A		LIM	999	999	✓	0.93	35	11					
4/S	Smoke Alarm	F	A	A	7	1.5	1	0.4	60898 MCB	B	6	6	30	7.67	N/A	N/A	N/A	0.24	N/A		LIM	999	999	✓	0.48	35	11					
5/S	Cooker	F	A	A	1	6	2.5	0.4	60898 MCB	B	32	6	30	1.44	N/A	N/A	N/A	0.28	N/A		LIM	999	999	✓	0.55	35	11					
6/S	SPARE	-	-	-	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7/S	RCD Module (Split Board)																						-									
8/S	RCD Module (Split Board)																						-									
9/S	Light Kitchen	F	A	A	1	2.5	1.5	0.4	60898 MCB	B	16	6	30	2.87	N/A	N/A	N/A	0.33	N/A		LIM	999	999	✓	1.00	35	11					
10/S	Sockets All	F	A	A	13	2.5	1.5	0.4	60898 MCB	B	32	6	30	1.44	0.70	0.71	0.97	0.34	N/A		LIM	999	999	✓	0.89	35	11					

Location of Consumer Unit(s) Designation Consumer Unit(s) Prospective fault current at Consumer Unit(s) kA Confirmation of supply polarity

Multifunctional Insulation resistance Continuity Earth electrode resistance Earth Fault loop impedance RCD

PERIODIC INSPECTION REPORT GUIDANCE NOTES FOR RECIPIENTS

This Periodic Inspection Report form is intended for reporting on the condition of an existing electrical installation.

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

The original Report is to be retained in a safe place and be shown to any person inspecting or undertaking work on the electrical installation in the future. If you later vacate the property, this Report will provide the new owner with details of the condition of the electrical installation at the time the Report.

The report should identify any departures from the safety requirements of the current Regulations and any defects, damage or deterioration that affect the safety of the installation for continued use. **For items classified as 'required urgent attention', the safety of those using the installation may be at risk**, and it is recommended that a competent person undertakes the necessary remedial work without delay.

The Report will usually contain a list of recommended actions necessary to bring the installation up to the current standard. **For items classified as 'required urgent attention', the safety of those using the installation may be at risk**, and it is recommended that a competent person undertakes the necessary remedial work without delay.

For safety reasons, the electrical installation will need to be re-inspected at appropriate intervals by a competent person. The maximum time interval recommended before the next inspection is stated in the Report under 'Next Inspection.'

These notes are based on those seen in Appendix 6 BS 7671:2008 (as amended)