NICEIC APPROVED CONTRACTOR

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

IPN3/0600710

ELECTRICAL INSTALLATION CONDITION REPORT

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

Original (To the person ordering the work)

A. DETAILS OF THE CLIENT

Client: Leybourne Parish Council

Address: Leybourne Village Hall
Little Market Row
Leybourne
Kent
Postcode: ME19 5QL

B. PURPOSE OF THE REPORT

This report must be used only for reporting on the condition of an existing installation.

Purpose for which this report is required: Clients Request

Date(s) on which inspection and testing were carried out: 05/08/2015

C. DETAILS OF THE INSTALLATION

Occupier: Leybourne Parish Council

Address: Leybourne Village Hall
Little Market Row
Leybourne
Kent
Postcode: ME19 5QL

Estimated age of the electrical installation: 20 years

Description of premises: domestic, commercial, industrial, other (Please state): Commercial

Evidence of alterations or additions: ✔

If yes, estimated age: 10 years

Date of previous inspection: N/A

Electrical Installation Certificate No or previous Periodic Inspection or Condition Report No: N/A

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:

All Of The Electrical Installation At The Above Adress

Agreed limitations (including the reasons), if any, on the inspection and testing:

Limitation On Insulation Testing Due To Electronic Sensitive Equipment And Where Not Practically Possible
Fire Alarm
Intruder/CCTV Installations
Heating Controls Installation
Sat/TV Istallations

Agreed with: Client

Operational limitations including the reasons (see page No.)

See Observations And Recommendations

The inspection has 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.

E. SUMMARY OF THE CONDITION OF THE INSTALLATION

General condition of the installation (in terms of electrical safety):

See Observations And Recommendations

Summary of the condition of the installation continued on additional pages? No ✔ Yes Specify page No(s):

Overall assessment of the installation: ~~SATISFACTORY~~ / UNSATISFACTORY *(Delete as appropriate)*

An 'Unsatisfactory' assessment indicates that dangerous and/or potentially dangerous conditions have been identified

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)

This report is based on the model forms shown in Appendix 6 of BS 7671

Please see the 'Notes for Recipients'

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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 are made ✔

Item No		Classification code †	Further investigation required (Y or ✔)
1	Main Distributors Cut Out Appears To Be 3 Phase, Only Single Phase Being Used In This Particular Installation	Note	
2	Unable To Gain Chatacteristics Of Primary Supply Overcurrent Protective Devices, Due to Being A Sealed Unit	Note	
3	Meter Tails Possibly Undersized In Relation To Distrubutors Main Fuses, Unable To Check Due To Sealed Unit	Note	
4	Unable To Gain Visual On Mains Water As It Enters The Building. Main Bonding Conductor Is Present Under Sink And Continuity Check Is Good. The connection should preferably be within 600 mm of the meter outlet union or at the point of entry to the building if the meter is external.)	C3	Yes
5	DB01- Front Flap On Cover Is Missing	C2	
6	DB01- Cabling Passes Through Bottom Of DB Via Open Bushes Or Unprotected 20mm Holes, (IPX Rating)	C2	
7	DB01- No DB Schedule, Diagrams Or Reliable Markings Present	C3	Yes
8	DB01- General Labelling Required	C3	
9	DB01- Various MCBs Have Bunched Cabling At Them, No Spare Ways At DB	C3	Yes
10	DB01- Cabling Generally Untidy Around DB Area	C2	
11	DB01- Open Ended T+E Cabling Has Been Coiled Up And Left In Main Gas/Electrical Cupboard. Possibly Live/Redundant	C1	Yes
12	DB01- Light Fittings Inspected Had Various Connector Blocks Internally Exteding Cabling, Particularly Where Extract Fans have Been Installed On A Later Date	C3	Yes
13	DB01- Overuse Of Extension Leads Have Been Used, Particularly In Office Area And In Bar Area	C2	Yes
14	DB01- Appears To Be Various Spurs That Are Not Labelled And Are Not Accounted For, Possibly Recundant?	C3	Yes
15	DB01- Unable To Gain Visuaul On Low Level Outlets For White Goods In Kitchen Area Due To Being Boxed In	C3	Yes
16	DB01- Appears To Be Various Additional Power/Sockets/Spurs That Have Been Added On Over The Years	C3	Yes

Additional Pages? No ☐ Yes ✔ Specify page 9

†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 FI ***"Further investigation required without delay".***

Please see the notes for recipient for guidance regarding the Classification codes.

Immediate remedial action required for items:	11
Urgent remedial action required for items:	5, 6, 10, 13, 18, 22, 23, 24, 25, 26, 28
Further investigation required without delay for items:	4, 7, 9, 11, 12, 13, 14, 15, 16, 17, 19, 21, 27, 28
Improvement recommended for items:	4, 7, 8, 9, 12, 14, 15, 16, 17, 19, 20, 21, 27

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 in 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 of the inspection and testing (see D).

I/We further declare that in my/our judgement, the said installation was overall in ~~SATISFACTORY~~ / UNSATISFACTORY* condition (see F) at the time the inspection was carried out, and that it should be further inspected as recommended (see I).

**Delete as appropriate*

INSPECTION, TESTING AND ASSESSMENT BY:

Signature	
Name (CAPITALS)	LUKE COLEMAN
Position	Electrician
Date:	03/08/2015

REPORT REVIEWED AND CONFIRMED BY:

Signature	
Name (CAPITALS)	MARTIN SNELLING
	(Registered Qualified Supervisor for the Approved Contractor at J)
Date:	06/08/2015

Please see the 'Guidance for Recipients on the classification codes' in the 'Notes for Recipients'

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H. SCHEDULES AND ADDITIONAL PAGES

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

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

Schedule of Circuit Details for the Installation: Page No(s) 7, 9

Schedule of Test Results for the Installation: Page No(s) 8, 10

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.

I. NEXT INSPECTION

I/We recommend that this installation is further inspected and tested after an interval of not more th 5 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 require further investigation 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 F).

J. DETAILS OF NICEIC APPROVED CONTRACTOR

Trading Title: Springfield Projects Limited

Address: 157 Singlewell Road, Gravesend, Kent, Postcode:DA11 7QA

Telephone number: 07973796463

Email Address: info@spltd.co

Enrolment number: (Essential information) 600628000

Branch number: (if applicable) N/A

K. SUPPLY CHARACTERISTICS AND EARTHING ARRANGEMENTS

System Type(s)

TN-S	N/A
TN-C-S	✔
TN-C	N/A
TT	N/A
IT	N/A

Number and Type of Live Conductors

	a.c.	✔		d.c.	N/A
1-phase (2 wire)	✔	1-phase (3 wire)	N/A	2 pole	N/A
2-phase (3 wire)	N/A			3 pole	N/A
3-phase (3 wire)	N/A	3-phase (4 wire)	N/A	other	N/A
Other	N/A				

Nature of Supply Parameters

Nominal Voltage(s): $U^{(1)}$	230 V	U_o (1)	230 V
Nominal frequency, f(1)	50 Hz		
Prospective fault current, I_{pf} (2)(3)	1.13 kA		
External earth fault loop impendance, Z_e (3)(4)	0.12 Ω		
Number of sources	1		

Notes:
(1) by enquiry
(2) by enquiry or by measurement
(3) where more than one supply, record the higher or highest values
(4) by measurement

Characteristics of Primary Supply Overcurrent Protective Device(s)

BS(EN)	LIM	
Type	LIM	
Rated current	LIM	A
Short-circuit capacity	LIM	kA
Confirmation of supply polarity	✔	(✔)

L. PARTICULARS OF INSTALLATION AT THE ORIGIN

Means of Earthing

Distributor's facility:	✔
Installation earth electrode:	N/A

Details of Installation Earth Electrode (where applicable)

Type: (eg rod(s),tape(s))	N/A	Location:	N/A
Electrode resistance, R_A:	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_n	100 A
Primary supply conductors material	Copper	RCD operating current, $I_{\Delta n}$*	N/A mA
Primary supply conductors csa	25.0 mm²	Rated time delay*	N/A ms
		RCD operating time (at $I_{\Delta n}$)*	N/A ms

Earthing and protective bonding conductors

Earthing conductor

Conductor material	Copper	
Conductor csa	16.0	mm²
Connection/ continuity verified	✔	(✔)

Main protective bonding conductors

Conductor material	Copper	
Conductor csa	10.0	mm²
Connection/ continuity verified	✔	(✔)

Bonding of extraneous-conductive-parts (✔)

Water service	✔	Gas Service	✔
Oil service	N/A	Structural steel	N/A
Lightning protection	N/A	Other incoming service(s)	N/A
Specify	N/A		

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

Please see the 'Notes for Recipients'

ELECTRICAL INSTALLATION CONDITION REPORT

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INSPECTION SCHEDULE FOR DISTRIBUTION BOARDS AND CIRCUITS †

Item	Description	Outcome *	Location reference
1.0	**Condition/adequacy of distributor's/supply intake equipment**		
1.1	Service cable	LIM	See Obsrevations And Recommendations
1.2	Service cut-out/fuse(s)	LIM	See Obsrevations And Recommendations
1.3	Meter tails - distributor	LIM	See Obsrevations And Recommendations
1.4	Meter tails - consumer	LIM	See Obsrevations And Recommendations
1.5	Metering equipment	LIM	See Obsrevations And Recommendations
1.6	Means of main isolation (where present)	LIM	See Obsrevations And Recommendations
2.0	Presence of adequate arrangements for parallel or switched alternative sources	N/A	N/A
3.0	**Automatic disconnection of supply**		
3.1	**Main earthing and bonding arrangements**		
*	Presence and condition of distributor's earthing arrangement	✔	N/A
*	Presence and condition of earth electrode arrangement	N/A	N/A
*	Adequacy of earthing conductor size	✔	N/A
*	Adequacy of earthing conductor connections	✔	N/A
*	Accessibility of earthing conductor connections	✔	N/A
*	Adequacy of main protective bonding conductor size(s)	✔	N/A
*	Adequacy of main protective bonding conductor connections	F/I	See Obsrevations And Recommendations
*	Accessibility of main protective bonding connections	F/I	See Obsrevations And Recommendations
*	Provision of earthing/bonding labels at all appropriate locations	F/I	See Obsrevations And Recommendations
3.2	FELV		
*	Source providing at least simple separation	N/A	N/A
*	Plugs, socket-outlets and the like not interchangeable with those of other systems within the premises	N/A	N/A
3.3	Reduced low voltage		
*	Adequacy of source	N/A	N/A
*	Plugs, socket-outlets and the like not interchangeable with those of other systems within the premises	N/A	N/A
4.0	**Other methods of protection (where the methods of protection listed below are employed,details should be provided on separate sheets)**		
4.1	Double insulation	✔	N/A
4.2	Reinforced insulation	✔	N/A
4.3	Use of obstacles	✔	N/A
4.4	Placing out of reach	N/A	N/A
4.5	Non-conducting location	N/A	N/A
4.6	Earth-free local equipotential bonding	N/A	N/A
4.7	Electrical separation for more than one item of equipment	N/A	N/A
5.0	**Distribution equipment**		
5.1	Adequacy of working space/accessibility of equipment	N/A	N/A
5.2	Security of fixing	✔	N/A
5.3	Condition of insulation of live parts	✔	N/A
5.4	Adequacy/security of barriers	✔	N/A
5.5	Condition of enclosure(s) in terms of IP rating	C2	See Obsrevations And Recommendations
5.6	Condition of enclosure(s) in terms of fire rating	F/I	See Obsrevations And Recommendations
5.7	Enclosure not damaged/deteriorated so as to impair safety	F/I	See Obsrevations And Recommendations
5.8	Presence of main switch(es), linked where required	✔	N/A
5.9	Operation of main switch(es) (functional check)	✔	N/A
5.10	Correct identification of circuit protective devices	✔	N/A
5.11	Adequacy of protective devices for prospective fault current	✔	N/A
5.12	RCD(s) provided for fault protection - includes RCBOs	✔	N/A

*** All Boxes must be completed**

'✔' indicates **Acceptable condition**

'LIM' indicates a **limitation**

'N/A' indicates **Not applicable**

Unacceptable condition state **C1** or **C2**

Improvement recommended state **C3**

Further investigation required state **F/I**
(to determine whether danger or potential (danger exists)

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

INSPECTION SCHEDULE FOR DISTRIBUTION BOARDS AND CIRCUITS †

Item	Description	Outcome *	Location reference
5.13	RCD(s) provided for additional protection - includes RCBOs	✔	N/A
5.14	RCD(s) provided for protection against fire - includes RCBOs	✔	N/A
5.15	Manual operation of circuit-breakers and RCDs to prove disconnection	✔	N/A
5.16	Presence of RCD retest notice at or near equipment where required	✔	N/A
5.17	Presence of diagrams, charts or schedules at or near equipment where required	C3	See Obsrevations And Recommendations
5.18	Presence of non-standard (mixed) cable colour warning notice at or near equipment where required	C3	See Obsrevations And Recommendations
5.19	Presence of alternative supply arrangement warning notice(s) at or near equipment where required	N/A	N/A
5.20	Presence of replacement next inspection recommendation label	N/A	N/A
5.21	Presence of other required labelling (specify)	N/A	N/A
5.22	Examination of protective device(s) and base(s); correct type and rating (no signs of unacceptable thermal damage, arcing or overheating)	✔	N/A
5.23	Protection against mechanical damage where cables enter equipment	C2	See Obsrevations And Recommendations
5.24	Protection against electromagnetic effects where cables enter metallic enclosures	N/A	N/A
6.0 Distribution/final circuits			
6.1	Identification of conductors	N/A	N/A
6.2	Cables correctly supported throughout their length	F/I	See Obsrevations And Recommendations
6.3	Condition of insulation of live parts	N/A	N/A
6.4	Non-sheathed cables protected by enclosure in conduit, duct or trunking	N/A	N/A
6.5	Suitability of containment systems for continued use (including flexible conduit)	N/A	N/A
6.6	Cables correctly terminated in enclosures (indicate extent of sampling in Section D of report)	N/A	N/A
6.7	Examination of cables for signs of unacceptable thermal and mechanical damage/deterioration	C2	See Obsrevations And Recommendations
6.8	Adequacy of cables for current-carrying capacity with regard to the type and nature of installation	N/A	N/A
6.9	Adequacy of protective devices; type and rated current for fault protection	N/A	N/A
6.10	Presence and adequacy of circuit protective conductors	✔	N/A
6.11	Co-ordination between conductors and overload protective devices	✔	N/A
6.12	Cable installation methods/practices appropriate to the type and nature of installation and external influences	C2	See Obsrevations And Recommendations
6.13	Cables where exposed to direct sunlight, of a suitable type	✔	N/A
6.14	Concealed cables installed in prescribed zones (see extent and limitations)	N/A	N/A
6.15	Concealed cables incorporating earthed armour or sheath, or run within earthed wiring system,or otherwise protected against mechanical damage caused by nails, screws and the like where not in prescribed zones or not protected by 30 mA RCD (see extent and limitations)	N/A	N/A
6.16	Provision of additional protection by 30 mA RCD for cables concealed in walls or partitions	✔	N/A
6.17	Provision of additional protection by 30 mA RCD		
*	Where reasonably likely to be used to supply mobile equipment for use outdoors	F/I	See Obsrevations And Recommendations
*	For all socket-outlets of rating 20 A or less provided for use by ordinary persons	F/I	See Obsrevations And Recommendations
6.18	Provision of fire barriers, sealing arrangements and protection against thermal effects	N/A	N/A
6.19	Band II cables segregated/separated from Band I cables	N/A	N/A
6.20	Cables segregated/separated from non-electrical services	✔	N/A
6.21	Termination of cables at enclosures (identify numbers and locations of items inspected in Section D)		
*	Connections under no undue strain	✔	N/A
*	No basic insulation of a conductor visible outside an enclosure	C2	See Obsrevations And Recommendations
*	Connections of live conductors adequately enclosed	C2	See Obsrevations And Recommendations
*	Adequacy of connection at point of entry to enclosure (gland, bush or similar)	C2	See Obsrevations And Recommendations
6.22	General condition of wiring systems	F/I	See Obsrevations And Recommendations
6.23	Temperature rating of cable insulation	✔	N/A
6.24	Condition of accessories including socket-outlets, switches and joint boxes	F/I	See Obsrevations And Recommendations
6.25	Suitability of accessories for external influences	C2	See Obsrevations And Recommendations

*** All Boxes must be completed**

'✔' indicates **Acceptable condition**

'LIM' indicates a **limitation**

'N/A' indicates **Not applicable**

Unacceptable condition state **C1** or **C2**

Improvement recommended state **C3**

Further investigation required state **F/I**
(to determine whether danger or potential (danger exists)

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

INSPECTION SCHEDULE FOR DISTRIBUTION BOARDS AND CIRCUITS †

Item	Description	Outcome *	Location reference
7.0	**Isolation and switching**		
7.1	Isolators		
	* presence and condition of appropriate devices	C2	See Obsrevations And Recommendations
	* acceptable location	✔	N/A
	* capable of being secured in the OFF position	✔	N/A
	* correct operation verified	✔	N/A
	* clearly identified by position and/or durable marking(s)	✔	N/A
	* Warning label posted in situations where live parts cannot be isolated by the operation of a single device	N/A	N/A
7.2	Switching off for mechanical maintenance		
	* presence and condition of appropriate devices	C2	See Obsrevations And Recommendations
	* acceptable location	✔	N/A
	* capable of being secured in the OFF position	✔	N/A
	* correct operation verified	✔	N/A
	* clearly identified by position and/or durable marking(s)	✔	N/A
7.3	Emergency switching/stopping		
	* presence and condition of appropriate devices	N/A	N/A
	* readily accessible for operation where danger might occur	N/A	N/A
	* correct operation verified	N/A	N/A
	* clearly identified by position and/or durable marking(s)	N/A	N/A
7.4	Functional switching		
	* presence and condition of appropriate devices	N/A	N/A
	* correct operation verified	N/A	N/A
8.0	**Current-using equipment (permanently connected)**		
8.1	Condition of equipment in terms of IP rating	C2	See Obsrevations And Recommendations
8.2	Equipment does not constitute a fire hazard	N/A	N/A
8.3	Enclosure not damaged/deteriorated so as to impair safety	✔	N/A
8.4	Suitability for the environment and external influences	F/I	See Obsrevations And Recommendations
8.5	Security of fixing	✔	N/A
8.6	Cable entry holes in ceiling above luminaires, sized or sealed so as to restrict the spread of fire (indicate extent of sampling in Section D of report)	F/I	See Obsrevations And Recommendations
8.7	Recessed luminaires (e.g. downlighters)		
	* correct type of lamps fitted	✔	N/A
	* installed to minimise build-up of heat by use of fire rated fittings,insulation displacement box or similar	F/I	See Obsrevations And Recommendations
	* no signs of overheating to surrounding building fabric	F/I	See Obsrevations And Recommendations
	* no signs of overheating to conductors/terminations	F/I	See Obsrevations And Recommendations
9.0	**Location(s) containing a bath or shower**		
9.1	Additional protection for all low voltage (LV) circuits by RCD not exceeding 30 mA	N/A	N/A
9.2	Where used as a protective measure, requirements for SELV or PELV are met	N/A	N/A
9.3	Shaver sockets comply with BS EN 61558-2-5 or BS 3535	N/A	N/A
9.4	Presence of supplementary bonding conductors unless not required by BS 7671: 2008	N/A	N/A
9.5	Low voltage (e.g. 230 volts) socket-outlets sited at least 3 m from zone 1	N/A	N/A
9.6	Suitability of equipment for external influences for installed location in terms of IP rating	N/A	N/A
9.7	Suitability of equipment for installation in a particular zone	N/A	N/A
9.8	Suitability of current-using equipment for a particular position within the location	N/A	N/A
10.0	**Other special installations or locations**		
	List special locations present, if any. List the results of particular inspections applied.- a separate page is required for each location	N/A	N/A

*** All Boxes must be completed**

'✔' indicates **Acceptable condition**

'LIM' indicates **a limitation**

'N/A' indicates **Not applicable**

Unacceptable condition state **C1** or **C2**

Improvement recommended state **C3**

Further investigation required state **F/I**
(to determine whether danger or potential (danger exists)

Outcome
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SCHEDULE OF CIRCUIT DETAILS FOR THE PRIMARY DISTRIBUTION BOARD

Original (To the person ordering the work)

CIRCUIT DETAILS

TO BE COMPLETED IN EVERY CASE

Location of distribution board: Service Cupboard

Distribution board designation: DB01

TO BE COMPLETED ONLY IF THE DISTRIBUTION BOARD IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION*

Supply to distribution board is from: Main Distributors Cut Out

No of phases: 1 Nominal voltage: 230 V

Overcurrent protective device for the distribution circuit:

Associated RCD (if any): BS(EN) N/A

Type: BS(EN) 60947-3 Rating: 100 A RCD No of poles: N/A $I_{\Delta n}$ N/A mA

Circuit number and phase	Circuit designation	Type of wiring (see code below)	↑ Reference method	Number of points served	Circuit conductors: csa Live (mm²)	Circuit conductors: csa cpc (mm²)	Max. disconnection time permitted by BS 7671 (s)	Overcurrent protective devices BS (EN)	Overcurrent protective devices Type No	Overcurrent protective devices Rating (A)	Overcurrent protective devices Short-circuit capacity (kA)	RCD Operating current, $I_{\Delta n}$ (mA)	Maximum Z_s permitted by BS 7671 (Ω)
1	Power Cooker	A	Method 1	1	6.0	N/A	0.4	60898 MCB	B	32	6	N/A	1.37
2	Power Boiler Control	A	Method 1	1	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73
3	Power CCTV	A	Method 1	1	2.5	1.5	0.4	60898 MCB	B	20	6	N/A	2.18
4	Lighting Hall	A	Method 1	4	1.5	1.0	0.4	60898 MCB	B	10	6	N/A	4.37
5	Lighting Hall	A	Method 1	4	1.0	1.0	0.4	60898 MCB	B	10	6	N/A	4.37
6	Lighting Toilets, Reception, Canopy	A	Method 1	12	1.0	1.0	0.4	60898 MCB	B	6	6	N/A	7.28
7	Lighting Kitchen, Near Lobby, Disabled WC	A	Method 1	9	1.0	1.0	0.4	60898 MCB	B	6	6	N/A	7.28
8	Lighting Boiler Room, Office Area	A	Method 1	6	1.5	1.0	0.4	60898 MCB	B	6	6	N/A	7.28
9	Power Fire Alarm Supply Next To DB	A	Method 1	1	1.5	1.0	0.4	60898 MCB	B	6	6	N/A	7.28
10	Lighting External	A	Method 1	10	1.5	1.0	0.4	60898 MCB	B	6	6	N/A	7.28
11	Lighting Hall Wall Lights	A	Method 1	13	1.5	1.0	0.4	60898 MCB	B	10	6	N/A	4.37
12	Power Data, CCTV Cabinet, In Roof Void	O	C	1	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73
13	Power Kitchen	A	Method 1	6	2.5	1.5	0.4	61009 RCD/RCBO	B	32	6	30	1.37
14	RCD Module Covering Ways 13 + 14	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
15	Power Office Area, Nearside Hall,	A	Method 1	8	2.5	1.5	0.4	61009 RCD/RCBO	B	32	6	30	1.37
16	RCD Module Covering Ways 15 + 16	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
17	Power Far Side Hall	A	Method 1	6	2.5	1.5	0.4	61009 RCD/RCBO	B	32	6	30	1.37
18	RCD Module Covering Ways 17 + 18	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

** In such cases, details of the distribution (sub-main) circuit(s), together with the test results for the circuit(s), must also be provided, on continuation schedules.*

↑ See Table 4A2 of Appendix 4 of BS 7671

CODES FOR TYPE OF WIRING								
A	B	C	D	E	F	G	H	O (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	FP200

This form is based on the model shown in Appendix 6 of BS7671
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See next page for Schedule of Test Results

NICEIC APPROVED CONTRACTOR

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IPN3/0600710

SCHEDULE OF TEST RESULTS FOR THE PRIMARY DISTRIBUTION BOARD

Original (To the person ordering the work)

TEST RESULTS

TO BE COMPLETED ONLY IF THE DISTRIBUTION BOARD IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Characteristics at this distribution board

Yes	Confirmation of supply polarity				
* See note below					
Z_S 0.12	Ω	Operating times of associated RCD (if any)	At $I_{\Delta n}$	N/A	ms
I_{pf} 1.13	kA		At $5I_{\Delta n}$	N/A	ms

Test instruments (serial numbers) used:

Earth fault loop impedance	1002396101413812	RCD	1002396101413812
Insulation resistance	1002396101413812	Multi function	1002396101413812
Continuity	1002396101413812	Other	N/A

Circuit number and phase	Circuit impedances (Ω)					Insulation resistance				Polarity	Maximum measured earth fault loop impedance, Z_S * See note below	RCD operating times		Test button operation
	Ring final circuits only (measured end to end)			All circuits (At least one column to be completed)		Line/Line †	Line/Neutral †	Line/Earth †	Neutral/Earth			at $I_{\Delta n}$	at $5I_{\Delta n}$ (if applicable)	
	r_1 (Line)	r_n (Neutral)	r_2 (cpc)	$R_1 + R_2$	R_2	(MΩ)	(MΩ)	(MΩ)	(MΩ)	(✔)	(Ω)	(ms)	(ms)	(✔)
1	N/A	N/A	N/A	0.08	N/A	N/A	> 99.9	> 99.9	> 99.9	✔	0.18	N/A	N/A	
2	N/A	N/A	N/A	0.05	N/A	N/A	> 99.9	> 99.9	> 99.9	✔	0.19	N/A	N/A	
3	N/A	N/A	N/A	0.20	N/A	N/A	LIM	LIM	LIM	✔	0.32	N/A	N/A	
4	N/A	N/A	N/A	1.00	N/A	N/A	LIM	LIM	LIM	✔	1.10	N/A	N/A	
5	N/A	N/A	N/A	1.22	N/A	N/A	LIM	LIM	LIM	✔	1.35	N/A	N/A	
6	N/A	N/A	N/A	0.89	N/A	N/A	LIM	LIM	LIM	✔	1.03	N/A	N/A	
7	N/A	N/A	N/A	1.20	N/A	N/A	LIM	LIM	LIM	✔	1.33	N/A	N/A	
8	N/A	N/A	N/A	0.80	N/A	N/A	LIM	LIM	LIM	✔	0.93	N/A	N/A	
9	N/A	N/A	N/A	0.05	N/A	N/A	LIM	LIM	LIM	✔	0.19	N/A	N/A	
10	N/A	N/A	N/A	0.56	N/A	N/A	LIM	LIM	LIM	✔	0.70	N/A	N/A	
11	N/A	N/A	N/A	1.15	N/A	N/A	LIM	LIM	LIM	✔	1.28	N/A	N/A	
12	N/A	N/A	N/A	0.06	N/A	N/A	> 99.9	> 99.9	> 99.9	✔	0.18	N/A	N/A	
13	LIM	0.56	0.79	0.40	N/A	N/A	LIM	LIM	LIM	✔	0.53	15.7	8.1	✔
14	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A		N/A	N/A	N/A	
15	0.75	0.77	1.20	0.43	N/A	N/A	LIM	LIM	LIM	✔	0.52	24.0	7.6	✔
16	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A		N/A	N/A	N/A	
17	0.66	0.67	0.77	0.42	N/A	N/A	> 99.9	> 99.9	> 99.9	✔	0.58	21.0	17.0	✔
18	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A		N/A	N/A	N/A	

* Note: *Where the installation can be supplied by more than one source, such as a primary source (eg public supply) and a secondary source (eg standby generator), the higher or highest values must be recorded.*

TESTED BY

Signature:		Position:	Electrician
Name: (CAPITALS)	LUKE COLEMAN	Date of testing:	03/08/2015

See previous page for Schedule of Circuit Details

NICEIC APPROVED CONTRACTOR

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IPN3/0600710

SCHEDULE OF CIRCUIT DETAILS FOR THE PRIMARY DISTRIBUTION BOARD

Original (To the person ordering the work)

CIRCUIT DETAILS

TO BE COMPLETED IN EVERY CASE

Location of distribution board: Service Cupboard

Distribution board designation: DB Air Con

TO BE COMPLETED ONLY IF THE DISTRIBUTION BOARD IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION*

Supply to distribution board is from: Main Distributors Cut Out

No of phases: 1 Nominal voltage: 230 V

Overcurrent protective device for the distribution circuit:

Associated RCD (if any): BS(EN) N/A

Type: BS(EN) 60947-3 Rating: 100 A RCD No of poles: N/A $I_{\Delta n}$ N/A mA

Circuit number and phase	Circuit designation	Type of wiring (see code below)	Reference method ↟	Number of points served	Circuit conductors: csa Live (mm^2)	Circuit conductors: csa cpc (mm^2)	Max. disconnection time permitted by BS 7671 (s)	Overcurrent protective devices BS (EN)	Overcurrent protective devices Type No	Overcurrent protective devices Rating (A)	Overcurrent protective devices Short-circuit capacity (kA)	RCD Operating current, $I_{\Delta n}$ (mA)	Maximum Z_s permitted by BS 7671 (Ω)
1	Power AC External Unit 1	F	C	1	6.0	6.0	0.4	60898 MCB	C	32	10	N/A	0.68
2	Power AC External Unit 2	F	C	1	6.0	6.0	0.4	60898 MCB	C	32	10	N/A	0.68
3	Power AC External Unit 3 + Shed Power	F	C	1	6.0	6.0	0.4	60898 MCB	C	32	10	N/A	0.68
4	Power AC External Unit 4	F	C	1	2.5	2.5	0.4	60898 MCB	C	20	10	N/A	1.09
5	Power AC Internal Unit 1	A	101	1	2.5	1.5	0.4	60898 MCB	C	20	10	N/A	1.09
6	Power AC Internal Unit 2	A	101	1	2.5	1.5	0.4	60898 MCB	C	20	10	N/A	1.09
7	Power AC External Unit 5	F	C	1	2.5	2.5	0.4	60898 MCB	B	20	6	N/A	2.18

* *In such cases, details of the distribution (sub-main) circuit(s), together with the test results for the circuit(s), must also be provided, on continuation schedules.*

↟ See Table 4A2 of Appendix 4 of BS 7671

CODES FOR TYPE OF WIRING								
A	B	C	D	E	F	G	H	O (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

See next page for Schedule of Test Results

NICEIC APPROVED CONTRACTOR

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IPN3/0600710

SCHEDULE OF TEST RESULTS FOR THE PRIMARY DISTRIBUTION BOARD

Original (To the person ordering the work)

TEST RESULTS

TO BE COMPLETED ONLY IF THE DISTRIBUTION BOARD IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Characteristics at this distribution board

	Yes	Confirmation of supply polarity				
* See note below Z_S	0.13	Ω	Operating times of associated RCD (if any)	At $I_{\Delta n}$	N/A	ms
I_{pf} *	1.83	kA		At $5I_{\Delta n}$	N/A	ms

Test instruments (serial numbers) used:

Earth fault loop impedance	1002396101413812	RCD	1002396101413812
Insulation resistance	1002396101413812	Multi function	1002396101413812
Continuity	1002396101413812	Other	N/A

Circuit number and phase	Circuit impedances (Ω)					Insulation resistance				Polarity	Maximum measured earth fault loop impedance, Z_S * See note below	RCD operating times		Test button operation
	Ring final circuits only (measured end to end)			All circuits (At least one column to be completed)		Line/Line †	Line/Neutral †	Line/Earth †	Neutral/Earth			at $I_{\Delta n}$	at $5I_{\Delta n}$ (if applicable)	
	r_1 (Line)	r_n (Neutral)	r_2 (cpc)	$R_1 + R_2$	R_2	(MΩ)	(MΩ)	(MΩ)	(MΩ)	(✔)	(Ω)	(ms)	(ms)	(✔)
1	N/A	N/A	N/A	0.06	N/A	N/A	> 99.9	> 99.9	> 99.9	✔	0.19	N/A	N/A	
2	N/A	N/A	N/A	0.40	N/A	N/A	> 99.9	> 99.9	> 99.9	✔	0.53	N/A	N/A	
3	N/A	N/A	N/A	1.26	N/A	N/A	> 99.9	> 99.9	> 99.9	✔	1.37	N/A	N/A	
4	N/A	N/A	N/A	0.12	N/A	N/A	> 99.9	> 99.9	> 99.9	✔	0.25	N/A	N/A	
5	N/A	N/A	N/A	0.13	N/A	N/A	> 99.9	> 99.9	> 99.9	✔	0.23	N/A	N/A	
6	N/A	N/A	N/A	0.13	N/A	N/A	> 99.9	> 99.9	> 99.9	✔	0.26	N/A	N/A	
7	N/A	N/A	N/A	0.14	N/A	N/A	> 99.9	> 99.9	> 99.9	✔	0.25	N/A	N/A	

* Note: *Where the installation can be supplied by more than one source, such as a primary source (eg public supply) and a secondary source (eg standby generator), the higher or highest values must be recorded.*

TESTED BY

Signature:		Position:	Electrician
Name: (CAPITALS)	LUKE COLEMAN	Date of testing:	03/08/2015

See previous page for Schedule of Circuit Details

APPROVED CONTRACTOR

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IPN3/0600710

Original (To the person ordering the work)

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 are made ✔

Item No		Classification code †	Further investigation required (Y or ✔)
17	DB01- External Lighting is of Various Ages and Condition, Various Fittings Inspected are Showing Signs Of Ageing	C3	Yes
18	DB01- Heaters Installation In Hall Is Generally Poor, No Mechanical Protection On Flexible Cabling To Heaters, Where Mechanical Protection Is Present It Has Been Badly Damaged, Heaters Generally Showing Signs Of Ageing, Various Heaters Front Covers Are Not Fitted Correctly, Rockets For Spurs Are Very Stiff Or Not Making Correct Connection. Flex Outlet On Spur Has Cut Cabling Present	C2	
19	DB01- Extract Fan Installation at High Level In Hall Is Showing Signs Of Ageing, General Overhaul Required	C3	Yes
20	DB01- Open 20mm Holes In Bottom Of Emergency Light Fittings In Hall By Fire Exits	C3	
21	DB01- Unable To Gain Visual On General Installation Of Recess Lighting In Reception Area	C3	Yes
22	DB01- Boiler Spur Cabling Does Not Encloure Correctly	C2	
23	DB01- Fire Alarm Spur Is A Flex Outlet But Outlet Is Not Being Used (IPX Rating)	C2	
24	DB01- Power Kitchen, Unable To Gain Ring Final Circuit Reading On Lives	C2	
25	DB Air Con- Large Unprotected Holes In Top And Side DB , Allowing Cabling To Enter (IPX Rating)	C2	
26	DB Air Con- AC Unit 5 And AC Unit 3 Are Showing Signs Of Water Ingress/Corrosion To Terminals	C2	
27	DB Air Con- Shed Power Has Been Taken Locally From AC Unit 3 Isolator, No Rcd Protection, Should Be On DB01	C3	Yes
28	DB Air Con- DB Cover Has Cut To Allow Extra Way Into DB, Manufactured To Be 6 Way, Now 7 Ways.	C2	Yes

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 FI ***"Further investigation required without delay".***

Please see the notes for recipient for guidance regarding the Classification codes.

Immediate remedial action required for items:

Urgent remedial action required for items: 18,22,23,24,25,26,28,

Further investigation required for items: 17,19,21,27,28,

Improvement recommended for items: 17,19,20,21,27,

Please see the 'Guidance for Recipients on the classification codes' in the 'Notes for Recipients'