NICEIC APPROVED CONTRACTOR

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

IPN3/0438310

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: PF Whitehead Ltd

Address: Bedington Lane
4 COOMBER WAY
CROYDON
CR0 4TQ

Postcode: CR0 4TQ

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: To check the integrity and safety of the electrical installation.

Date(s) on which inspection and testing were carried out:

C. DETAILS OF THE INSTALLATION

Occupier: Various

Address: 4 Coomber Way
Croydon

Postcode: CR0 4TQ

Estimated age of the electrical installation: 25 years

Description of premises: domestic, commercial, industrial, other (Please state): N/A

Evidence of alterations or additions: ✔

If yes, estimated age: 2 years

Date of previous inspection:

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 OF THE INSPECTION AND TESTING

Extent of the electrical installation covered by this report:

All common area's

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

No removal of panels or boards
Insulation test Ph/N - Earth only
No test on lighting over 2.4m
No EM testing (only power off test- if visable)
No Fire/Smoke detection tests
No A/Con testing - supply only

Agreed with: VS

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

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):

System is supplied via LV main intake with multiple racks (Essential & non essential bus bar) with back up generator.

There is a mix of SP&N & TP&N supplies though out the various buildings & offices.

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

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)

Please see the 'Notes for Recipients'

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IPN3/0438310

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F. OBSERVATIONS AND RECOMMENDATIONS FOR ACTIONS TO BE TAKEN

Referring to the attached schedules of inspection and test results, an 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	See notes for obsevations		

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".***

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

Immediate remedial action required for items:

Urgent remedial action required for items:

Further investigation required for items:

Improvement recommended for items:

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)	KEVIN DUFFY
Position	Qualified Supervisior
Date:	01/07/2014

REPORT REVIEWED AND CONFIRMED BY:

Signature	
Name (CAPITALS)	KEVIN DUFFY
	(Registered Qualified Supervisor for the Approved Contractor at J)
Date:	01/07/2014

Please see 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) Odd, 7 - 115

Schedule of Test Results for the Installation: Page No(s) Even, 8 - 116

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 1 year (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: londonsparks.com

Address: 24 Hallowell Ave
Croydon
Surrey
Postcode:CR0 4ST

Telephone number: +447850 557684

Email Address: N/A

Enrolement number: (Essential information) D035258

Branch number: (if applicable) 000

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)	N/A	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)	✔	other	N/A
Other	N/A				

Nature of Supply Parameters

Nominal Voltage(s): U(1)	400	V	U_0 (1) 230 V
Nominal frequency, f(1)	50	Hz	
Prospective fault current, I_{pf} (2)(3)	3.1	kA	
External earth fault loop impendance, Z_e (2)(3)	0.1	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

Tick boxes and enter details, as appropriate

Means of Earthing

Distributor's facility: ✔

Installation earth electrode: N/A

Details of Installation Earth Electrode (where applicable)

Type: (eg rod(s),tape etc) N/A

Electrode resistance, R_A: N/A (Ω)

Location: N/A

Method of measurement: N/A

Main Switch or Circuit-Breaker

Type: BS(EN)	Various	Voltage rating	400 V
No of Poles	3	Rated current, I_n	200 A
Primary supply conductors material	Copper	RCD operating current, $I_{\Delta n}$*	N/A mA
Primary supply conductors csa	120 mm²	Rated time delay	ms
		RCD operating time (at $I_{\Delta n}$)*	N/A ms

Earthing and protective bonding conductors

Earthing conductor

Conductor material	Copper	
Conductor csa	95	
Connection/ continuity verified	✔ (✔)	mm²

Main protective bonding conductors

Conductor material	Copper	
Conductor csa	50	mm²
Connection/ continuity verified	✔ (✔)	

Bonding of extraneous-conductive-parts (✔)

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

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

Please see the 'Notes for Recipients' on the reverse of this page

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

*** 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	✔	
5.14	RCD(s) provided for protection against fire - includes RCBOs	✔	
5.15	Manual operation of circuit-breakers and RCDs to prove disconnection	✔	
5.16	Presence of RCD retest notice at or near equipment where required	✔	
5.17	Presence of diagrams, charts or schedules at or near equipment where required	✔	
5.18	Presence of non-standard (mixed) cable colour warning notice at or near equipment where required	✔	
5.19	Presence of alternative supply arrangement warning notice(s) at or near equipment where required	✔	
5.20	Presence of replacement next inspection recommendation label	✔	
5.21	Presence of other required labelling (specify)	✔	
5.22	Examination of protective device(s) and base(s); correct type and rating (no signs of unacceptable thermal damage, arcing or overheating)	✔	
5.23	Protection against mechanical damage where cables enter equipment	✔	
5.24	Protection against electromagnetic effects where cables enter metallic enclosures	✔	
6.0 Distribution/final circuits			
6.1	Identification of conductors	✔	
6.2	Cables correctly supported throughout their length	✔	
6.3	Condition of insulation of live parts	✔	
6.4	Non-sheathed cables protected by enclosure in conduit, duct or trunking	✔	
6.5	Suitability of containment systems for continued use (including flexible conduit)	✔	
6.6	Cables correctly terminated in enclosures (indicate extent of sampling in Section D of report)	✔	
6.7	Examination of cables for signs of unacceptable thermal and mechanical damage/deterioration	✔	
6.8	Adequacy of cables for current-carrying capacity with regard to the type and nature of installation	✔	
6.9	Adequacy of protective devices; type and rated current for fault protection	✔	
6.10	Presence and adequacy of circuit protective conductors	✔	
6.11	Co-ordination between conductors and overload protective devices	✔	
6.12	Cable installation methods/practices appropriate to the type and nature of installation and external influences	✔	
6.13	Cables where exposed to direct sunlight, of a suitable type	✔	
6.14	Concealed cables installed in prescribed zones (see extent and limitations)	✔	
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)	✔	
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	✔	
*	For all socket-outlets of rating 20 A or less provided for use by ordinary persons	✔	
6.18	Provision of fire barriers, sealing arrangements and protection against thermal effects	✔	
6.19	Band II cables segregated/separated from Band I cables	✔	
6.20	Cables segregated/separated from non-electrical services	✔	
6.21	Termination of cables at enclosures (identify numbers and locations of items inspected in Section D)		
*	Connections under no undue strain	✔	
*	No basic insulation of a conductor visible outside an enclosure	✔	
*	Connections of live conductors adequately enclosed	✔	
*	Adequacy of connection at point of entry to enclosure (gland, bush or similar)	✔	
6.22	General condition of wiring systems	✔	
6.23	Temperature rating of cable insulation	✔	
6.24	Condition of accessories including socket-outlets, switches and joint boxes	✔	
6.25	Suitability of accessories for external influences	✔	

*** 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	✔	
	* acceptable location	✔	
	* capable of being secured in the OFF position	✔	
	* correct operation verified	✔	
	* clearly identified by position and/or durable marking(s)	✔	
	* Warning label posted in situations where live parts cannot be isolated by the operation of a single device	✔	
7.2	Switching off for mechanical maintenance		
	* presence and condition of appropriate devices	✔	
	* acceptable location	✔	
	* capable of being secured in the OFF position	✔	
	* correct operation verified	✔	
	* clearly identified by position and/or durable marking(s)	✔	
7.3	Emergency switching/stopping		
	* presence and condition of appropriate devices	✔	
	* readily accessible for operation where danger might occur	✔	
	* correct operation verified	✔	
	* clearly identified by position and/or durable marking(s)	✔	
7.4	Functional switching		
	* presence and condition of appropriate devices	✔	
	* correct operation verified		
8.0	**Current-using equipment (permanently connected)**		
8.1	Condition of equipment in terms of IP rating	✔	
8.2	Equipment does not constitute a fire hazard	✔	
8.3	Enclosure not damaged/deteriorated so as to impair safety	✔	
8.4	Suitability for the environment and external influences	✔	
8.5	Security of fixing	✔	
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)	✔	
8.7	Recessed luminaires (e.g. downlighters)		
	* correct type of lamps fitted	✔	
	* installed to minimise build-up of heat by use of fire rated fittings,insulation displacement box or similar	✔	
	* no signs of overheating to surrounding building fabric	✔	
	* no signs of overheating to conductors/terminations	✔	
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	
9.2	Where used as a protective measure, requirements for SELV or PELV are met	N/A	
9.3	Shaver sockets comply with BS EN 61558-2-5 or BS 3535	N/A	
9.4	Presence of supplementary bonding conductors unless not required by BS 7671: 2008	N/A	
9.5	Low voltage (e.g. 230 volts) socket-outlets sited at least 3 m from zone 1	N/A	
9.6	Suitability of equipment for external influences for installed location in terms of IP rating	N/A	
9.7	Suitability of equipment for installation in a particular zone	N/A	
9.8	Suitability of current-using equipment for a particular position within the location	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	

*** 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.

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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: Main LV room

Distribution board designation: Main Supply Cabinet

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

Supply to distribution board is from: Incoming Supply

No of phases: 3 Nominal voltage: 400 V

Overcurrent protective device for the distribution circuit:

Associated RCD (if any): BS(EN)

Type: BS(EN) Rating: 200 A RCD No of poles: $I_{\Delta n}$ mA

Circuit number and phase	Circuit designation	Type of wiring (see code)	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)	Type No	Rating (A)	Short-circuit capacity (kA)	RCD Operating current, $I_{\Delta n}$ (mA)	Maximum Z_s permitted by BS 7671 (Ω)
A	MAIN OFFICE BUSBAR A1 & A2	F		Var				88 Fuse HRC	gG	100		N/A	
B	SPARE LOCKED OFF - NO SWA			Var				88 Fuse HRC	gG			N/A	
C	BUS BAR C SUPPLY in MEZ HV ROOM (middle stair well) FRIDGE SUPPLY	F		Var				88 Fuse HRC	gG	100		N/A	
D	SPARE LOCKED OFF (2 core SWA in ceiling old GPO office)			Var				88 Fuse HRC	gG			N/A	
E	SPARE LOCKED OFF (4 core SWA in WH D near lift 3)			Var				88 Fuse HRC	gG			N/A	
F	BUS BAR F SUPPLY in WH D (near lift 3) FRIDGE SUPPLY	F		Var				88 Fuse HRC	gG	100		N/A	
G	BUS BAR G SUPPLY in HV room 2nd floor above main HV room	F		Var				88 Fuse HRC	gG	100		N/A	
H	SPARE LOCKED OFF old ES supply Bay C & D			Var				88 Fuse HRC	gG			N/A	
J	SPARE LOCKED OFF old ES supply Bay A & B			Var				88 Fuse HRC	gG			N/A	
K	SUPPLY DB K in BT Room	F		Var				88 Fuse HRC	gG	100		N/A	
L	LOCKED OFF spare Generator supply			Var				88 Fuse HRC	gG			N/A	
M	SUPPLY DB M in HV room CCTV SUPPLY	F		Var				88 Fuse HRC	gG	63		N/A	
N	SPARE LOCKED OFF unable to locate			Var				88 Fuse HRC	gG			N/A	
O	SUPPLY DB O in Drivers Direct kitchen	F		Var				88 Fuse HRC	gG	100		N/A	
P	SUPPLY ISO/DB P in HV room 2nd floor above main HV room	F		Var				88 Fuse HRC	gG	100		N/A	
Q	SUPPLY BUS BAR Q (in BT Room)	F		Var				88 Fuse HRC	gG	100		N/A	
R	SUPPLY ISO R (in Face2face office cupboard)	F		Var				88 Fuse HRC	gG	100		N/A	
S	SUPPLY LIFT 3 (in HDC workshop)	F		Var				88 Fuse HRC	gG	100		N/A	
T	LOCKED OFF SUPPLY LIFT 1 (in WH B)			Var				88 Fuse HRC	gG			N/A	
U	LOCKED OFF LIFT 2 (in PFW workshop rear office)			Var				88 Fuse HRC	gG			N/A	
V	SUPPLY BUS BAR V in Bay C	F		Var				88 Fuse HRC	gG	100		N/A	
W	SPARE LOCKED OFF unable to locate			Var				88 Fuse HRC	gG			N/A	
X	SUPPLY BUS BAR X in Bay A	F		Var				88 Fuse HRC	gG	100		N/A	
Y	SUPPLY BUS BAR Y in Bay B	F		Var				88 Fuse HRC	gG	100		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/ cables	Mineral-insulated cables	FP200

See next page for Schedule of Test Results

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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	* 0.10	Ω	Operating times of associated RCD (if any)	At $I_{\Delta n}$	N/A	ms
I_{pf}	* 2.96	kA		At $5I_{\Delta n}$	N/A	ms

Test instruments (serial numbers) used:

Earth fault loop impedance	16103359	RCD	16103359
Insulation resistance	16103359	Multi function	
Continuity	16103359	Other	

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)	(✓)
A					N/A	LIM	LIM			✓		N/A	N/A	
B					N/A	LIM	LIM			✓		N/A	N/A	
C					N/A	LIM	LIM			✓		N/A	N/A	
D					N/A	LIM	LIM			✓		N/A	N/A	
E					N/A	LIM	LIM			✓		N/A	N/A	
F					N/A	LIM	LIM			✓		N/A	N/A	
G					N/A	LIM	LIM			✓		N/A	N/A	
H					N/A	LIM	LIM			✓		N/A	N/A	
J					N/A	LIM	LIM			✓		N/A	N/A	
K					N/A	LIM	LIM			✓		N/A	N/A	
L					N/A	LIM	LIM			✓		N/A	N/A	
M					N/A	LIM	LIM					N/A	N/A	
N					N/A	LIM	LIM			✓		N/A	N/A	
O					N/A	LIM	LIM			✓		N/A	N/A	
P					N/A	LIM	LIM			✓		N/A	N/A	
Q					N/A	LIM	LIM			✓		N/A	N/A	
R					N/A	LIM	LIM			✓		N/A	N/A	
S					N/A	LIM	LIM			✓		N/A	N/A	
T					N/A	LIM	LIM			✓		N/A	N/A	
U					N/A	LIM	LIM			✓		N/A	N/A	
V					N/A	LIM	LIM			✓		N/A	N/A	
W					N/A	LIM	LIM			✓		N/A	N/A	
X					N/A	LIM	LIM			✓		N/A	N/A	
Y					N/A	LIM	LIM					N/A	N/A	

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

TESTED BY

Signature:		Position:	Qualified Supervisior
Name: (CAPITALS)	KEVIN DUFFY	Date of testing:	01/07/2014

See previous page for Schedule of Circuit Details

NICEIC APPROVED CONTRACTOR

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

IPN3/0438310

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: Main LV room

Distribution board designation: Main Supply Cabinet

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

Supply to distribution board is from: Incoming Supply

No of phases: 3 Nominal voltage: 400 V

Overcurrent protective device for the distribution circuit:

Associated RCD (if any): BS(EN)

Type: BS(EN) Rating: 200 A RCD No of poles: $I_{\Delta n}$ mA

Circuit number and phase	Circuit designation	Type of wiring (see code)	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)	Type No	Rating (A)	Short-circuit capacity (kA)	RCD Operating current, $I_{\Delta n}$ (mA)	Maximum Z_s permitted by BS 7671 (Ω)
Z	SUPPLY BUS BAR Z in Bay D (adj bay C side)	F		Var				88 Fuse HRC	gG	100		N/A	
AA	No isolator tp&n unable to locate			Var				88 Fuse HRC	gG			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/ cables	Mineral-insulated cables	FP200

See next page for Schedule of Test Results

NICEIC APPROVED CONTRACTOR

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IPN3/0438310

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	* 0.10	Ω	Operating times of associated RCD (if any)	At $I_{\Delta n}$	N/A	ms
I_{pf}	* 2.96	kA		At $5I_{\Delta n}$	N/A	ms

Test instruments (serial numbers) used:

Earth fault loop impedance	16103359	RCD	16103359
Insulation resistance	16103359	Multi function	
Continuity	16103359	Other	

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)	(✔)
Z					N/A	LIM	LIM			✔		N/A	N/A	
AA					N/A	LIM	LIM			✔		N/A	N/A	

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

TESTED BY

Signature:		Position:	Qualified Supervisior
Name: (CAPITALS)	KEVIN DUFFY	Date of testing:	01/07/2014

See previous page for Schedule of Circuit Details

NICEIC APPROVED CONTRACTOR

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IPN3/0438310

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: WH A

Distribution board designation: DB A2A1A

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

Supply to distribution board is from: Isolator A2A1

No of phases: 3 Nominal voltage: 400 V

Overcurrent protective device for the distribution circuit:

Associated RCD (if any): BS(EN)

Type: BS(EN) Rating: A RCD No of poles: $I_{\Delta n}$ mA

Circuit number and phase	Circuit designation	Type of wiring (see code)	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)	Type No	Rating (A)	Short-circuit capacity (kA)	RCD Operating current, $I_{\Delta n}$ (mA)	Maximum Z_s permitted by BS 7671 (Ω)
1R	Supply to A2A1A1	F	B		25	25		88 Fuse HRC	gG	63			
2R	Commando plug (porta cabin WH A front right)	F	B		4	4		88 Fuse HRC	gG	32			
3R	Spare							88 Fuse HRC	gG	63			
4Y	Supply to A2A1A	F	B		25	25		88 Fuse HRC	gG	63			
5Y	Spare							88 Fuse HRC	gG	63			
6Y	Spare							88 Fuse HRC	gG	63			
7B	Supply to A2A1A	F	B		25	25		88 Fuse HRC	gG	63			
8B	Spare							88 Fuse HRC	gG	63			
9B	Fire Alarm	O	O					88 Fuse HRC	gG				

* *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/ cables	Mineral-insulated cables	

See next page for Schedule of Test Results

NICEIC APPROVED CONTRACTOR

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

IPN3/0438310

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 *	0.10	Ω	Operating times of associated RCD (if any)	At $I_{\Delta n}$	ms
I_{pf} *	1.02	kA		At $5I_{\Delta n}$	ms

Test instruments (serial numbers) used:

Earth fault loop impedance	16103359	RCD	
Insulation resistance		Multi function	
Continuity		Other	

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)	(✔)
1R								> 200	> 200	✔				
2R								> 200	> 200	✔				
3R								> 200	> 200	✔				
4Y								> 200	> 200	✔				
5Y								> 200	> 200	✔				
6Y								> 200	> 200	✔				
7B								> 200	> 200	✔				
8B								> 200	> 200	✔				
9B								> 200	> 200	✔				

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

TESTED BY

Signature:		Position:	Qualified Supervisior
Name: (CAPITALS)	KEVIN DUFFY	Date of testing:	01/07/2014

See previous page for Schedule of Circuit Details

NICEIC APPROVED CONTRACTOR

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

IPN3/0438310

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: W/H A Side wall

Distribution board designation: DB A2A1B

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

Supply to distribution board is from: Isolator A2A1

No of phases: 3 Nominal voltage: 400 V

Overcurrent protective device for the distribution circuit:

Associated RCD (if any): BS(EN)

Type: BS(EN) Rating: A RCD No of poles: $I_{\Delta n}$ mA

Circuit number and phase	Circuit designation	Type of wiring (see code)	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	Blank												
2	Blank												
3	Blank												
4	Blank												
5	Blank												
6	Blank												
7	Blank												
8	Blank												
9	Blank												
10	Ring final	D	B	15	2.5	2.5	0.4	60898 MCB	C	32	10	N/A	0.6
11	Spare						0.4	60898 MCB	B	32	10	N/A	0.6
12	Emergency Lights	D	B	7	1.5	1	0.4	60898 MCB	C	10	10	N/A	1.2

** 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/ cables	Mineral-insulated cables	

See next page for Schedule of Test Results

NICEIC APPROVED CONTRACTOR

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IPN3/0438310

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	* 0.10	Ω	Operating times of associated RCD (if any)	At $I_{\Delta n}$		ms
I_{pf}	* 965	kA		At $5I_{\Delta n}$		ms

Test instruments (serial numbers) used:

Earth fault loop impedance	16103359	RCD	
Insulation resistance		Multi function	
Continuity		Other	

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										✓				
2										✓				
3										✓				
4										✓				
5										✓				
6										✓				
7										✓				
8										✓				
9										✓				
10										✓				
11				0.18				> 200	> 200	✓	0.25	N/A	N/A	
12										✓				

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

TESTED BY

Signature:		Position:	Qualified Supervisior
Name: (CAPITALS)	KEVIN DUFFY	Date of testing:	01/07/2014

See previous page for Schedule of Circuit Details

NICEIC APPROVED CONTRACTOR

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IPN3/0438310

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: PFW Main office front cupboard

Distribution board designation: DB A1A

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

Supply to distribution board is from: Isolator A1A

No of phases: 3 Nominal voltage: 400 V

Overcurrent protective device for the distribution circuit:

Associated RCD (if any): BS(EN)

Type: BS(EN) Rating: A RCD No of poles: $I_{\Delta n}$ mA

Circuit number and phase	Circuit designation	Type of wiring (see code)	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)	Type No	Rating (A)	Short-circuit capacity (kA)	RCD Operating current, $I_{\Delta n}$ (mA)	Maximum Z_s permitted by BS 7671 (Ω)
1	Loading bay lights row 1 & 2	B	C	3	1.5	1.5	0.4	60898 MCB	B	16	C	N/A	1.2
2	Loading bay lights row 3	B	C	3	1.5	1.5	0.4	60898 MCB	B	10	C	N/A	
3	Loading bay lights row 4	B	C	4	1.5	1.5	0.4	60898 MCB	B	10	C	N/A	
4	Loading bay lights row 5	B	C	3	1.5	1.5	0.4	60898 MCB	B	10	C	N/A	
5	Lights main office & hv room	A	C	4	1.5	1	0.4	60898 MCB	B	10	C	N/A	
6	RF office	A	C	7	2.5	1.5	0.4	60898 MCB	B	32	C	N/A	
7	Lights large office	A	C	5	1.5	1	0.4	60898 MCB	B	10	C	N/A	
8	Lights office row 2	A	C	5	1.5	1	0.4	60898 MCB	B	10	C	N/A	
9	Lights small office	A	C	2	1.5	1	0.4	60898 MCB	B	10	C	N/A	
10	RF office	A	C	8	2.5	1.5	0.4	60898 MCB	B	32	C	N/A	
11	Water heater	A	C	1	2.	1.5	0.4	60898 MCB	B	16	C	N/A	
12	Fire alarm	A	C	1	1.5	1	0.4	60898 MCB	B	16	C	N/A	
13	RF office	A	C	3	2.5	1.5	0.4	60898 MCB	C	32	C	N/A	
14	Spare						0.4	60898 MCB	B	16	C	N/A	
15	Spare						0.4	60898 MCB	B	16	C	N/A	
16	Spare						0.4	60898 MCB	B	16	C	N/A	
17	Spare						0.4	60898 MCB	B	16	C	N/A	
18	Spare						0.4	60898 MCB	B	16	C	N/A	
19	Loading bay lights row 6	B	C	3	1.5	1.5	0.4	60898 MCB	B	10	C	N/A	
20	Loading bay lights row 7	B	C	3	1.5	1.5	0.4	60898 MCB	B	10	C	N/A	
21	Loading bay lights row 8	B	C	3	1.5	1.5	0.4	60898 MCB	B	10	C	N/A	
22	Loading bay lights row 9	B	C	3	1.5	1.5	0.4	60898 MCB	B	10	C	N/A	
23	RF cupboard	A	C	1	2.5	1.5	0.4	60898 MCB	B	32	C	N/A	
24	RF office	A	C	3	2.5	1.5	0.4	60898 MCB	B	32	C	N/A	
25	RF office right side & vending machine	A	C	3	2.5	1.5	0.4	60898 MCB	B	32	C	N/A	
26	Lights office row 3	A	C	3	1.5	1	0.4	60898 MCB	B	10	C	N/A	
27	RF small office	A	C	4	2.5	1.5	0.4	60898 MCB	B	32	C	N/A	
28	S/O & heater	A	C	2	2.5	1.5	0.4	60898 MCB	B	32	C	N/A	
29	Alarm	A	C	1	1.5	1	0.4	60898 MCB	B	16	C	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/ cables	Mineral-insulated cables	

See next page for Schedule of Test Results

NICEIC APPROVED CONTRACTOR

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IPN3/0438310

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 *	0.11	Ω	Operating times of associated RCD (if any)	At $I_{\Delta n}$	ms
I_{pf} *	1.05	kA		At $5I_{\Delta n}$	ms

Test instruments (serial numbers) used:

Earth fault loop impedance	16103359	RCD	
Insulation resistance		Multi function	
Continuity		Other	

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							Lim	> 200	> 200	✓				
2							Lim	> 200	> 200	✓				
3							Lim	> 200	> 200	✓				
4							Lim	> 200	> 200	✓				
5							Lim	> 200	> 200	✓				
6	0.24	0.24	0.47				Lim	> 200	> 200	✓	0.23			
7							Lim	> 200	> 200	✓				
8							Lim	> 200	> 200	✓				
9							Lim	> 200	> 200	✓				
10							Lim	> 200	> 200	✓				
11							Lim	> 200	> 200	✓				
12							Lim	> 200	> 200	✓				
13							Lim	> 200	> 200	✓				
14										✓				
15										✓				
16										✓				
17										✓				
18										✓				
19							Lim	> 200	> 200	✓				
20							Lim	> 200	> 200	✓				
21							Lim	> 200	> 200	✓				
22							Lim	> 200	> 200	✓				
23							Lim	> 200	> 200	✓				
24	0.23	0.25	0.49	0.24			Lim	> 200	> 200	✓	0.24			
25							Lim	> 200	> 200	✓				
26							Lim	> 200	> 200	✓				
27							Lim	> 200	> 200	✓				
28							Lim	> 200	> 200	✓				
29							Lim	> 200	> 200	✓				

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

TESTED BY

Signature:		Position:	Qualified Supervisior
Name: (CAPITALS)	KEVIN DUFFY	Date of testing:	01/07/2014

See previous page for Schedule of Circuit Details

NICEIC APPROVED CONTRACTOR

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

IPN3/0438310

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: PFW Main office front cupboard

Distribution board designation: DB A1A

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

Supply to distribution board is from: Isolator A1A

No of phases: 3 Nominal voltage: 400 V

Overcurrent protective device for the distribution circuit:

Associated RCD (if any): BS(EN)

Type: BS(EN) Rating: A RCD No of poles: $I_{\Delta n}$ mA

Circuit number and phase	Circuit designation	Type of wiring (see code)	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)	Type No	Rating (A)	Short-circuit capacity (kA)	RCD Operating current, $I_{\Delta n}$ (mA)	Maximum Z_s permitted by BS 7671 (Ω)
30	Lights end office	A	C	2	1.5	1	0.4	60898 MCB	C	16	C	N/A	
31	RF office (right side)	A	C	4	2.5	1.5	0.4	60898 MCB	C	32	C	N/A	
32	Spare						0.4	60898 MCB	C	20	C	N/A	
33	Spare						0.4	60898 MCB	C	20	C	N/A	
34	Spare						0.4	60898 MCB	C	20	C	N/A	
35	Spare						0.4	60898 MCB	B	16	C	N/A	
36	Lights above	A	C	1	1.5	1	0.4	60898 MCB	B	16	C	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/ cables	Mineral-insulated cables	

See next page for Schedule of Test Results

NICEIC APPROVED CONTRACTOR

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

IPN3/0438310

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	* 0.11	Ω	Operating times of associated RCD (if any)	At $I_{\Delta n}$		ms
I_{pf}	* 1.05	kA		At $5I_{\Delta n}$		ms

Test instruments (serial numbers) used:

Earth fault loop impedance	16103359	RCD	
Insulation resistance		Multi function	
Continuity		Other	

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)	(✔)
30							Lim	> 200	> 200	✔				
31							Lim	> 200	> 200	✔				
32							Lim	> 200	> 200	✔				
33							Lim	> 200	> 200	✔				
34							Lim	> 200	> 200	✔				
35							Lim	> 200	> 200	✔				
36							Lim	> 200	> 200	✔				

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

TESTED BY

Signature:		Position:	Qualified Supervisior
Name: (CAPITALS)	KEVIN DUFFY	Date of testing:	01/07/2014

See previous page for Schedule of Circuit Details

NICEIC APPROVED CONTRACTOR

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

IPN3/0438310

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: Bay 2 outside main PFW office

Distribution board designation: DB A2B

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

Supply to distribution board is from: Iso A2B

No of phases: 3 Nominal voltage: 400 V

Overcurrent protective device for the distribution circuit:

Associated RCD (if any): BS(EN)

Type: BS(EN) Rating: A RCD No of poles: $I_{\Delta n}$ mA

Circuit number and phase	Circuit designation	Type of wiring (see code)	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)	Type No	Rating (A)	Short-circuit capacity (kA)	RCD Operating current, $I_{\Delta n}$ (mA)	Maximum Z_s permitted by BS 7671 (Ω)
1	Spare							60898 MCB	D	32	10	N/A	
2	Spare							60898 MCB	C	40	10	N/A	
3	RT 4	B	B	1	4	4	0.4	60898 MCB	D	32	10	N/A	
4	Spare							60898 MCB	C	32	10	N/A	
5	Spare							60898 MCB	B	16	10	N/A	
6	Spare							60898 MCB	C	32	10	N/A	
7	RT 3	B	B	1	6	6	0.4	60898 MCB	D	50	10	N/A	
8	RT 2	B	B	1	6	6	0.4	60898 MCB	D	50	10	N/A	
9	RT 1	B	B	1	6	6	0.4	60898 MCB	D	50	10	N/A	
10	S/O	B	B	1	2.5	2.5	0.4	61009 RCD/RCBO	C	32	10	30	
11	Spare							60898 MCB	C	32	10	N/A	
12	Spare							60898 MCB	C	16	10	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/ cables	Mineral-insulated cables	

See next page for Schedule of Test Results

NICEIC APPROVED CONTRACTOR

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

IPN3/0438310

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	* 0.10	Ω	Operating times of associated RCD (if any)	At $I_{\Delta n}$		ms
I_{pf}	* 1.76	kA		At $5I_{\Delta n}$		ms

Test instruments (serial numbers) used:

Earth fault loop impedance	16103359	RCD	
Insulation resistance		Multi function	
Continuity		Other	

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							Lim	> 200	> 200	✔				
2							Lim	> 200	> 200	✔				
3							Lim	> 200	> 200	✔				
4							Lim	> 200	> 200	✔				
5							Lim	> 200	> 200	✔				
6							Lim	> 200	> 200	✔				
7							Lim	> 200	> 200	✔				
8							Lim	> 200	> 200	✔				
9							Lim	> 200	> 200	✔				
10				0.14			Lim	> 200	> 200	✔	0.14	34	28	✔
11							Lim	> 200	> 200	✔				
12							Lim	> 200	> 200	✔				

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

TESTED BY

Signature:		Position:	Qualified Supervisior
Name: (CAPITALS)	KEVIN DUFFY	Date of testing:	01/07/2014

See previous page for Schedule of Circuit Details

NICEIC APPROVED CONTRACTOR

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

IPN3/0438310

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: PFW Office HV room

Distribution board designation: DB A2D

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

Supply to distribution board is from: Isolator A2D

No of phases: 3 Nominal voltage: 400 V

Overcurrent protective device for the distribution circuit:

Associated RCD (if any): BS(EN)

Type: BS(EN) Rating: A RCD No of poles: $I_{\Delta n}$ mA

Circuit number and phase	Circuit designation	Type of wiring (see code)	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)	Type No	Rating (A)	Short-circuit capacity (kA)	RCD Operating current, $I_{\Delta n}$ (mA)	Maximum Z_s permitted by BS 7671 (Ω)
1	S/O & EM HDC workshop	A			4		0.4	60898 MCB	C	10	10	N/A	
2	Lights Mez Stairs	A	C	4	1.5	1.5	0.4	60898 MCB	C	10	10	N/A	
3					1.5		0.4	60898 MCB	C	10	10	N/A	
4	HDC workshop lights	A	C	6	1.5	1.5	0.4	60898 MCB	C	10	10	N/A	
5					1.5		0.4	60898 MCB	C	10	10	N/A	
6	HDC store room lights	A	C	6	1.5	1.5	0.4	60898 MCB	C	10	10	N/A	
7	Blank						0.4				10	N/A	
8	Blank						0.4				10	N/A	
9	Blank						0.4				10	N/A	
10	Blank						0.4				10	N/A	
11	Blank						0.4				10	N/A	
12	Blank						0.4				10	N/A	
13	Commando plug near gas o/l	F	C	1	4	4	0.4	60898 MCB	C	32	10	N/A	
14	Commando plug near gas o/l	F	C	1	4	4	0.4	60898 MCB	C	32	10	N/A	
15	Commando plug near gas o/l	F	C	1	4	4	0.4	60898 MCB	C	32	10	N/A	
16	DB A2D1 (lift 3 motor room)	F	C	1	10	10	0.4	60898 MCB	C	50	10	N/A	
17	S/O RCD outside office door	F	C	1	2.5	2.5	0.4	60898 MCB	C	20	10	N/A	
18	Spare						0.4	60898 MCB	C	16	10	N/A	
19	HDC 3P&N saw	F	C	1	2.5	2.5	0.4	60898 MCB	C	32	10	N/A	
20	HDC 3P&N saw	F	C	1	2.5	2.5	0.4	60898 MCB	C	32	10	N/A	
21	HDC 3P&N saw	F	C	1	2.5	2.5	0.4	60898 MCB	C	32	10	N/A	
22	Spare						0.4	61009 RCD/RCBO	C	10	10	30	
23	Lights WC	F	C	1	2.5	1.5	0.4	61009 RCD/RCBO	C	10	10	30	
24	Comando S/O near gas o/l	F	C	1	2.5	1.5	0.4	61009 RCD/RCBO	C	32	10	30	

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/ cables	Mineral-insulated cables	

See next page for Schedule of Test Results

NICEIC APPROVED CONTRACTOR

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

IPN3/0438310

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 *	0.10	Ω	Operating times of associated RCD (if any)	At $I_{\Delta n}$	ms
I_{pf} *	1.31	kA		At $5I_{\Delta n}$	ms

Test instruments (serial numbers) used:

Earth fault loop impedance	16103359	RCD	
Insulation resistance		Multi function	
Continuity		Other	

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										✓	0.19			
2										✓				
3										✓				
4										✓				
5										✓				
6										✓				
7										✓				
8										✓				
9										✓				
10										✓				
11										✓				
12										✓				
13				0.12						✓	0.14			
14				0.12						✓	0.14			
15				0.12						✓	0.14			
16										✓				
17										✓				
18										✓				
19										✓				
20										✓				
21										✓				
22										✓				
23										✓				
24										✓				

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

TESTED BY

Signature:		Position:	Qualified Supervisior
Name: (CAPITALS)	KEVIN DUFFY	Date of testing:	01/07/2014

See previous page for Schedule of Circuit Details

NICEIC APPROVED CONTRACTOR

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IPN3/0438310

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: Mezz area

Distribution board designation: DB C2

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

Supply to distribution board is from: T2 iso in mez hv area

No of phases: 3 Nominal voltage: 400 V

Overcurrent protective device for the distribution circuit:

Associated RCD (if any): BS(EN)

Type: BS(EN) Rating: A RCD No of poles: $I_{\Delta n}$ mA

Circuit number and phase	Circuit designation	Type of wiring (see code)	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)	Type No	Rating (A)	Short-circuit capacity (kA)	RCD Operating current, $I_{\Delta n}$ (mA)	Maximum Z_s permitted by BS 7671 (Ω)
1	S/O H 1-3	A	101	3	2.5	1.5	0.4	60898 MCB	D	32	10	N/A	
2	S/O G 1-3	A	101	3	2.5	1.5	0.4	60898 MCB	D	32	10	N/A	
3	AC 4	A	101	1	2.5	1.5	0.4	60898 MCB	D	32	10	N/A	
4	AC 5	A	101	1	2.5	1.5	0.4	60898 MCB	D	32	10	N/A	
5	S/O I 1-3	A	101	3	2.5	1.5	0.4	60898 MCB	D	32	10	N/A	
6	S/O K 1-3	A	101	3	2.5	1.5	0.4	60898 MCB	D	32	10	N/A	
7	S/O M 1-3	A	101	3	2.5	1.5	0.4	60898 MCB	D	32	10	N/A	
8	S/O N 1-3	A	101	3	2.5	1.5	0.4	60898 MCB	D	32	10	N/A	
9	AC 7	A	101	1	2.5	1.5	0.4	60898 MCB	D	32	10	N/A	
10	S/O E 1-3	A	101	3	2.5	1.5	0.4	60898 MCB	D	32	10	N/A	
11	S/O F 1-3	A	101	3	2.5	1.5	0.4	60898 MCB	D	32	10	N/A	
12	AC 3	A	101	1	2.5	1.5	0.4	60898 MCB	D	32	10	N/A	
13	AC 6	A	101	1	2.5	1.5	0.4	60898 MCB	D	32	10	N/A	
14	S/O J 1-3	A	101	3	2.5	1.5	0.4	60898 MCB	D	32	10	N/A	
15	S/O L 1-3	A	101	3	2.5	1.5	0.4	60898 MCB	D	32	10	N/A	
16	S/O O 1-3	A	101	3	2.5	1.5	0.4	60898 MCB	D	32	10	N/A	
17	S/O P 1-3	A	101	3	2.5	1.5	0.4	60898 MCB	D	32	10	N/A	
18	AC 8	A	101	1	2.5	1.5	0.4	60898 MCB	D	32	10	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/ cables	Mineral-insulated cables	

See next page for Schedule of Test Results

NICEIC APPROVED CONTRACTOR

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IPN3/0438310

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 *	0.10	Ω	Operating times of associated RCD (if any)	At $I_{\Delta n}$	ms
I_{pf} *	1.02x2	kA		At $5I_{\Delta n}$	ms

Test instruments (serial numbers) used:

Earth fault loop impedance	16103359	RCD	
Insulation resistance		Multi function	
Continuity		Other	

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						Lim	Lim	Lim	Lim	✓		N/A	N/A	
2						Lim	Lim	Lim	Lim	✓		N/A	N/A	
3						Lim	Lim	Lim	Lim	✓		N/A	N/A	
4						Lim	Lim	Lim	Lim	✓		N/A	N/A	
5						Lim	Lim	Lim	Lim	✓		N/A	N/A	
6						Lim	Lim	Lim	Lim	✓		N/A	N/A	
7						Lim	Lim	Lim	Lim	✓		N/A	N/A	
8						Lim	Lim	Lim	Lim	✓		N/A	N/A	
9						Lim	Lim	Lim	Lim	✓		N/A	N/A	
10						Lim	Lim	Lim	Lim	✓		N/A	N/A	
11						Lim	Lim	Lim	Lim	✓		N/A	N/A	
12						Lim	Lim	Lim	Lim	✓		N/A	N/A	
13						Lim	Lim	Lim	Lim	✓		N/A	N/A	
14						Lim	Lim	Lim	Lim	✓		N/A	N/A	
15						Lim	Lim	Lim	Lim	✓		N/A	N/A	
16						Lim	Lim	Lim	Lim	✓		N/A	N/A	
17						Lim	Lim	Lim	Lim	✓		N/A	N/A	
18						Lim	Lim	Lim	Lim	✓		N/A	N/A	

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

TESTED BY

Signature:		Position:	Qualified Supervisior
Name: (CAPITALS)	KEVIN DUFFY	Date of testing:	01/07/2014

See previous page for Schedule of Circuit Details

NICEIC APPROVED CONTRACTOR

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

IPN3/0438310

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: WH A fnt right Scafman

Distribution board designation: DB A2A1A1

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

Supply to distribution board is from:

No of phases: 3 Nominal voltage: 400 V

Overcurrent protective device for the distribution circuit:

Associated RCD (if any): BS(EN)

Type: BS(EN) Rating: A RCD No of poles: $I_{\Delta n}$ mA

Circuit number and phase	Circuit designation	Type of wiring (see code)	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)	Type No	Rating (A)	Short-circuit capacity (kA)	RCD Operating current, $I_{\Delta n}$ (mA)	Maximum Z_s permitted by BS 7671 (Ω)
1	Commando plug A	D	B	1	10	10	0.4	60898 MCB	C	32	10	N/A	
2	Commando plug A	D	B	1	10	10	0.4	60898 MCB	C	32	10	N/A	
3	Commando plug A	D	B	1	10	10	0.4	60898 MCB	C	32	10	N/A	
4	Commando plug B	D	B	1	10	10	0.4	60898 MCB	C	32	10	N/A	
5	Commando plug B	D	B	1	10	10	0.4	60898 MCB	C	32	10	N/A	
6	Commando plug B	D	B	1	10	10	0.4	60898 MCB	C	32	10	N/A	
7	Commando plug C	F	B	1	10	10	0.4	60898 MCB	C	32	10	N/A	
8	Commando plug C	F	B	1	10	10	0.4	60898 MCB	C	32	10	N/A	
9	Commando plug C	F	B	1	10	10	0.4	60898 MCB	C	32	10	N/A	
10	Socket outlet	F	B	1	2.5	2.5	0.4	60898 MCB	C	32	10	N/A	
11	Blank						0.4					N/A	
12	Blank						0.4					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/ cables	Mineral-insulated cables	

See next page for Schedule of Test Results

NICEIC APPROVED CONTRACTOR

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

IPN3/0438310

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	* 0.10	Ω	Operating times of associated RCD (if any)	At $I_{\Delta n}$		ms
I_{pf}	* 758x2	kA		At $5I_{\Delta n}$		ms

Test instruments (serial numbers) used:

Earth fault loop impedance	16103359	RCD	
Insulation resistance		Multi function	
Continuity		Other	

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						Lim	Lim	> 200	> 200			N/A	N/A	
2						Lim	Lim	> 200	> 200			N/A	N/A	
3						Lim	Lim	> 200	> 200			N/A	N/A	
4						Lim	Lim	> 200	> 200			N/A	N/A	
5						Lim	Lim	> 200	> 200			N/A	N/A	
6						Lim	Lim	> 200	> 200			N/A	N/A	
7						Lim	Lim	> 200	> 200			N/A	N/A	
8						Lim	Lim	> 200	> 200			N/A	N/A	
9						Lim	Lim	> 200	> 200			N/A	N/A	
10				0.38		Lim	Lim	> 200	> 200	✔	0.52	N/A	N/A	
11						Lim	Lim	> 200	> 200			N/A	N/A	
12						Lim	Lim	> 200	> 200			N/A	N/A	

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

TESTED BY

Signature:		Position:	Qualified Supervisior
Name: (CAPITALS)	KEVIN DUFFY	Date of testing:	01/07/2014

See previous page for Schedule of Circuit Details

NICEIC APPROVED CONTRACTOR

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

IPN3/0438310

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: Lift 3 motor room

Distribution board designation: DB A2D1

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

Supply to distribution board is from: DB A2D mcb

No of phases: 2 Nominal voltage: 240 V

Overcurrent protective device for the distribution circuit:

Associated RCD (if any): BS(EN)

Type: BS(EN) Rating: A

RCD No of poles: $I_{\Delta n}$ mA

Circuit number and phase	Circuit designation	Type of wiring (see code)	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)	Type No	Rating (A)	Short-circuit capacity (kA)	RCD Operating current, $I_{\Delta n}$ (mA)	Maximum Z_s permitted by BS 7671 (Ω)
1	Saw (not used)	F	C	1	2.5	2.5	0.4	60898 MCB	B	20	6	N/A	
2		A	C		1.5	1.5	0.4	60898 MCB	B	16	6	N/A	
3	S/O below	A	C	1	2.5	2.5	0.4	60898 MCB	B	20	6	N/A	
4		A	C		1.5	1.5	0.4	60898 MCB	B	6	6	N/A	
5		A	C		2.5	2.5	0.4	60898 MCB	B	16	6	N/A	
6	Lights lift motor room	A	C	1	1.5	1.5	0.4	60898 MCB	B	6	6	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/ cables	Mineral-insulated cables	

This form is based on the model shown in Appendix 6 of BS7671
Published by the NICEIC a part of the Ascertiva Group

See next page for Schedule of Test Results

NICEIC APPROVED CONTRACTOR

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IPN3/0438310

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 $I_{\Delta n}$		ms
I_{pf}	* 996x2	kA		At $5I_{\Delta n}$		ms

Test instruments (serial numbers) used:

Earth fault loop impedance	16103359	RCD	
Insulation resistance		Multi function	
Continuity		Other	

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							Lim	> 200	> 200	✔				
2							Lim	> 200	> 200	✔				
3							Lim	> 200	> 200	✔				
4							Lim	> 200	> 200	✔	0.24			
5							Lim	> 200	> 200	✔				
6							Lim	> 200	> 200	✔				

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

TESTED BY

Signature:		Position:	Qualified Supervisior
Name: (CAPITALS)	KEVIN DUFFY	Date of testing:	01/07/2014

See previous page for Schedule of Circuit Details

NICEIC APPROVED CONTRACTOR

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

IPN3/0438310

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: Mez HV room

Distribution board designation: DB C1

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

Supply to distribution board is from: Bus bar C

No of phases: 3 Nominal voltage: 400 V

Overcurrent protective device for the distribution circuit:

Associated RCD (if any): BS(EN)

Type: BS(EN) Rating: A RCD No of poles: $I_{\Delta n}$ mA

Circuit number and phase	Circuit designation	Type of wiring (see code)	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	Lights	A	C	3	1.5	1.5	0.4	60898 MCB	C	16	10	N/A	
2	Spare												
3	Spare												
4	Spare												
5	Spare												
6	Spare												
7	Spare												
8	Spare												
9	Spare												
10	Spare												
11	Spare												
12	Spare												

* *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/ cables	Mineral-insulated cables	

This form is based on the model shown in Appendix 6 of BS7671
Published by the NICEIC a part of the Ascertiva Group

See next page for Schedule of Test Results

NICEIC APPROVED CONTRACTOR

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

IPN3/0438310

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 *	0.10	Ω	Operating times of associated RCD (if any)	At $I_{\Delta n}$	ms
I_{pf} *	1.01x2	kA		At $5I_{\Delta n}$	ms

Test instruments (serial numbers) used:

Earth fault loop impedance	16103359	RCD	
Insulation resistance		Multi function	
Continuity		Other	

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				0.56				> 200	> 200	✔	0.66			
2														
3														
4														
5														
6														
7														
8														
9														
10														
11														
12														

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

TESTED BY

Signature:		Position:	Qualified Supervisior
Name: (CAPITALS)	KEVIN DUFFY	Date of testing:	01/07/2014

See previous page for Schedule of Circuit Details

NICEIC APPROVED CONTRACTOR

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

IPN3/0438310

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: WH D adj Argos

Distribution board designation: DB F1

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

Supply to distribution board is from: Bus Bar F

No of phases: 3 Nominal voltage: 400 V

Overcurrent protective device for the distribution circuit:

Associated RCD (if any): BS(EN)

Type: BS(EN) Rating: A RCD No of poles: $I_{\Delta n}$ mA

Circuit number and phase	Circuit designation	Type of wiring (see code)	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)	Type No	Rating (A)	Short-circuit capacity (kA)	RCD Operating current, $I_{\Delta n}$ (mA)	Maximum Z_s permitted by BS 7671 (Ω)
1	Lights Warehouse E (Argos)	A	C	3	1.5	1.5		60898 MCB	C	6		N/A	
2	Lights Warehouse E (Argos)	A	C	3	1.5	1.5		60898 MCB	C	6	10	N/A	
3	Lights Warehouse E (Argos)	A	C	3	1.5	1.5		60898 MCB	C	6	10	N/A	
4	Lights Warehouse E (Argos)	A	C	3	1.5	1.5		60898 MCB	C	6	10	N/A	
5	Lights Warehouse E (Argos)	A	C	3	1.5	1.5		60898 MCB	C	6	10	N/A	
6	Lights Warehouse E (Argos)	A	C	3	1.5	1.5		60898 MCB	C	6	10	N/A	
7	Lights Warehouse E (Argos)	A	C	3	1.5	1.5		60898 MCB	C	6	10	N/A	
8	Lights Warehouse E (Argos)	A	C	3	1.5	1.5		60898 MCB	C	6	10	N/A	
9	Lights Warehouse E (Argos)	A	C	3	1.5	1.5		60898 MCB	C	6	10	N/A	
10	Lights Warehouse E (Argos)	A	C	3	1.5	1.5		60898 MCB	C	20	10	N/A	
11	Lights Warehouse E (Argos)	A	C	3	1.5	1.5		60898 MCB	C	20	10	N/A	
12	Lights Warehouse E (Argos)	A	C	3	1.5	1.5		60898 MCB	C	20	10	N/A	
13	Blank											N/A	
14	Blank											N/A	
15	Blank											N/A	
16	Blank											N/A	
17	Blank											N/A	
18	Blank											N/A	
19	Spare							60898 MCB	C	16	10	N/A	
20	DB F1B GRANTS OFFICE	A	C	3	2.5	2.5		60898 MCB	C	32	10	N/A	
21	Light above DB EM?	A	C	3	2.5	1.5		60898 MCB	C	10	10	N/A	
22	Commando plug Warehouse E bay	A	C	3	4	4		60898 MCB	C	32	10	N/A	
23	Commando plug Warehouse E bay	A	C	3	4	4		60898 MCB	C	32	10	N/A	
24	Commando plug Warehouse E bay	A	C	3	4	4		60898 MCB	C	32	10	N/A	
25	Commando S/O Warehouse E bay	A	C	3	4	4		60898 MCB	C	20	10	N/A	
16	Commando S/O Warehouse E bay	A	C	3	4	4		60898 MCB	C	20	10	N/A	
27	Commando S/O Warehouse E bay	A	C	3	4	4		60898 MCB	C	20	10	N/A	
28	Blank								C			N/A	
29	Blank											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/ cables	Mineral-insulated cables	

See next page for Schedule of Test Results

NICEIC APPROVED CONTRACTOR

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

IPN3/0438310

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 * 0.10	Ω	Operating times of associated RCD (if any)	At $I_{\Delta n}$		ms
I_{pf} * 1.92	kA		At $5I_{\Delta n}$		ms

Test instruments (serial numbers) used:

Earth fault loop impedance	16103359	RCD	
Insulation resistance		Multi function	
Continuity		Other	

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						Lim	Lim	> 200	> 200	✔		N/A	N/A	
2						Lim	Lim	> 200	> 200	✔				
3						Lim	Lim	> 200	> 200	✔				
4						Lim	Lim	> 200	> 200	✔				
5						Lim	Lim	> 200	> 200	✔				
6						Lim	Lim	> 200	> 200	✔				
7						Lim	Lim	> 200	> 200	✔				
8						Lim	Lim	> 200	> 200	✔				
9						Lim	Lim	> 200	> 200	✔				
10						Lim	Lim	> 200	> 200	✔				
11						Lim	Lim	> 200	> 200	✔				
12						Lim	Lim	> 200	> 200	✔				
13						Lim	Lim	> 200	> 200	✔				
14						Lim	Lim	> 200	> 200	✔				
15						Lim	Lim	> 200	> 200	✔				
16						Lim	Lim	> 200	> 200	✔				
17						Lim	Lim	> 200	> 200	✔				
18						Lim	Lim	> 200	> 200	✔				
19						Lim	Lim	> 200	> 200	✔				
20						Lim	Lim	> 200	> 200	✔				
21						Lim	Lim	> 200	> 200	✔				
22						Lim	Lim	> 200	> 200	✔				
23						Lim	Lim	> 200	> 200	✔				
24						Lim	Lim	> 200	> 200					
25						Lim	Lim	> 200	> 200					
16						Lim	Lim	> 200	> 200					
27						Lim	Lim	> 200	> 200					
28						Lim	Lim	> 200	> 200					
29						Lim	Lim	> 200	> 200					

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

TESTED BY

Signature:		Position:	Qualified Supervisior
Name: (CAPITALS)	KEVIN DUFFY	Date of testing:	01/07/2014

See previous page for Schedule of Circuit Details

NICEIC APPROVED CONTRACTOR

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

IPN3/0438310

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: WH D adj Argos

Distribution board designation: DB F1

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

Supply to distribution board is from: Bus Bar F

No of phases: 3 Nominal voltage: 400 V

Overcurrent protective device for the distribution circuit:

Associated RCD (if any): BS(EN)

Type: BS(EN) Rating: A RCD No of poles: $I_{\Delta n}$ mA

Circuit number and phase	Circuit designation	Type of wiring (see code)	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)
30	Blank											N/A	
31	Blank											N/A	
32	Blank											N/A	
33	Blank											N/A	
34	Blank											N/A	
35	S/O & Commando S/O	F	C	3	2.5	2.5		61009 RCD/RCBO	B	16	10	N/A	
36	DB F1A	F	C	3	1.5	1.5		61009 RCD/RCBO	C	32	10	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/ cables	Mineral-insulated cables	

See next page for Schedule of Test Results

NICEIC APPROVED CONTRACTOR

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IPN3/0438310

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	* 0.10	Ω	Operating times of associated RCD (if any)	At $I_{\Delta n}$		ms
I_{pf}	* 1.92	kA		At $5I_{\Delta n}$		ms

Test instruments (serial numbers) used:

Earth fault loop impedance	16103359	RCD	
Insulation resistance		Multi function	
Continuity		Other	

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)	(✔)
30						Lim	Lim	> 200	> 200					
31						Lim	Lim	> 200	> 200					
32						Lim	Lim	> 200	> 200					
33						Lim	Lim	> 200	> 200					
34						Lim	Lim	> 200	> 200					
35						Lim	Lim	> 200	> 200	✔	0.12	113	32	✔
36						Lim	Lim	> 200	> 200	✔				✔

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

TESTED BY

Signature:		Position:	Qualified Supervisior
Name: (CAPITALS)	KEVIN DUFFY	Date of testing:	01/07/2014

See previous page for Schedule of Circuit Details

NICEIC APPROVED CONTRACTOR

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

IPN3/0438310

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: Argos main office rear

Distribution board designation: DB F3

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

Supply to distribution board is from: Isolator F3

No of phases: 3 Nominal voltage: 400 V

Overcurrent protective device for the distribution circuit:

Associated RCD (if any): BS(EN)

Type: BS(EN) Rating: A RCD No of poles: $I_{\Delta n}$ 30 mA

Circuit number and phase	Circuit designation	Type of wiring (see code)	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)	Type No	Rating (A)	Short-circuit capacity (kA)	RCD Operating current, $I_{\Delta n}$ (mA)	Maximum Z_s permitted by BS 7671 (Ω)
1		F	B	1	4	4	0.4	60898 MCB	C	32	10	N/A	
2	3P charger	F	B	1	4	4	0.4	60898 MCB	C	32	10	N/A	
3		F	B	1	4	4	0.4	60898 MCB	C	32	10	N/A	
4	Supply for DB F3A	F	B	1	6	6	0.4	60898 MCB	B	40	6	N/A	
5	Heater	A	B	1	2.5	1.5	0.4	61009 RCD/RCBO	B	20	6	N/A	
6	Heater	A	B	1	2.5	1.5	0.4	61009 RCD/RCBO	B	20	6	N/A	
7	Heater	A	B	1	2.5	1.5	0.4	61009 RCD/RCBO	B	20	6	N/A	
8	Server	A	B	1	2.5	1.5	0.4	61009 RCD/RCBO	B	20	6	N/A	
9	Fork lift charger	F	B	1	4	4	0.4	61009 RCD/RCBO	B	20	6	N/A	
10	Supply for DB F3B b&q	F	B	1	4	4	0.4	60898 MCB	D	63	10	N/A	
11	Female wc dryer	A	B	1	2.5	1.5	0.4	60898 MCB	B	20	6	N/A	
12	RF	A	B	5	2.5	1.5	0.4	61009 RCD/RCBO	B	32	6	N/A	
13	RF	A	B	4	2.5	1.5	0.4	61009 RCD/RCBO	B	32	6	N/A	
14	RF	A	B	5	2.5	1.5	0.4	61009 RCD/RCBO	B	32	6	N/A	
15	RF	A	B	4	2.5	1.5	0.4	61009 RCD/RCBO	B	32	6	N/A	
16	Water heater	A	B	1	2.5	1.5	0.4	61009 RCD/RCBO	B	32	6	N/A	
17	Lights	A	B	7	1.5	1	0.4	61009 RCD/RCBO	B	10	6	N/A	
18	Lights	A	B	7	1.5	1	0.4	61009 RCD/RCBO	B	10	6	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/ cables	Mineral-insulated cables	

See next page for Schedule of Test Results

APPROVED CONTRACTOR

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

IPN3/0438310

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

Confirmation of supply polarity

** See note below*

Z_s * Ω — Operating times of associated RCD (if any) — At $I_{\Delta n}$ ms

I_{pf} * kA — At $5I_{\Delta n}$ ms

Test instruments (serial numbers) used:

Earth fault loop impedance		RCD	
Insulation resistance		Multi function	
Continuity		Other	

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														
2														
3														
4														
5														
6														
7														
8														
9														
10														
11														
12														
13														
14														
15														
16														
17														
18														

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

TESTED BY

Signature:		Position:	
Name: (CAPITALS)		Date of testing:	

See previous page for Schedule of Circuit Details

NICEIC APPROVED CONTRACTOR

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

IPN3/0438310

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: Mez area

Distribution board designation: DB F2

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

Supply to distribution board is from: Isolator F2

No of phases: 3 Nominal voltage: 400 V

Overcurrent protective device for the distribution circuit:

Associated RCD (if any): BS(EN)

Type: BS(EN) Rating: A RCD No of poles: $I_{\Delta n}$ mA

Circuit number and phase	Circuit designation	Type of wiring (see code)	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)	Type No	Rating (A)	Short-circuit capacity (kA)	RCD Operating current, $I_{\Delta n}$ (mA)	Maximum Z_s permitted by BS 7671 (Ω)
1	S/O A 1-4	A	B	4	2.5	1.5	0.4	60898 MCB	D	32	10	N/A	
2	S/O B 1-3	A	B	3	2.5	1.5		60898 MCB	D	32	10	N/A	
3	AC 2	F	B	1	2.5	2.5		60898 MCB	D	32	10	N/A	
4	Lights A & B room	A	B	4	1.5	1		60898 MCB	C	6	10	N/A	
5	Lights C room	A	B	4	1.5	1		60898 MCB	C	6	10	N/A	
6	Blank											N/A	
7	S/O D 1-4	A	B	4	2.5	1.5		60898 MCB	D	32	10	N/A	
8	S/O C 1-3	A	B	3	2.5	1.5		60898 MCB	D	32	10	N/A	
9	AC 1	F	B	1	2.5	2.5		60898 MCB	D	32	10	N/A	
10	Lights D room	A	B	3	1.5	1		60898 MCB	D	6	10	N/A	
11	Blank											N/A	
12	Blank											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/ cables	Mineral-insulated cables	

See next page for Schedule of Test Results

NICEIC APPROVED CONTRACTOR

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

IPN3/0438310

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 *	0.10	Ω	Operating times of associated RCD (if any)	At $I_{\Delta n}$	ms
I_{pf} *	1.11x2	kA		At $5I_{\Delta n}$	ms

Test instruments (serial numbers) used:

Earth fault loop impedance	16103359	RCD	
Insulation resistance		Multi function	
Continuity		Other	

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						Lim	Lim	Lim	Lim	✓		N/A	N/A	
2						Lim	Lim	Lim	Lim	✓		N/A	N/A	
3						Lim	Lim	Lim	Lim	✓		N/A	N/A	
4						Lim	Lim	Lim	Lim	✓		N/A	N/A	
5						Lim	Lim	Lim	Lim	✓		N/A	N/A	
6						Lim	Lim	Lim	Lim	✓		N/A	N/A	
7						Lim	Lim	Lim	Lim	✓		N/A	N/A	
8						Lim	Lim	Lim	Lim	✓		N/A	N/A	
9						Lim	Lim	Lim	Lim	✓		N/A	N/A	
10						Lim	Lim	Lim	Lim	✓		N/A	N/A	
11						Lim	Lim	Lim	Lim	✓		N/A	N/A	
12						Lim	Lim	Lim	Lim	✓		N/A	N/A	

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

TESTED BY

Signature:		Position:	
Name: (CAPITALS)		Date of testing:	

See previous page for Schedule of Circuit Details

NICEIC APPROVED CONTRACTOR

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

IPN3/0438310

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: Argos middle cabin office HL

Distribution board designation: DB F1A

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

Supply to distribution board is from: DB F1

No of phases: 2 Nominal voltage: 240 V

Overcurrent protective device for the distribution circuit:

Associated RCD (if any): BS(EN)

Type: BS(EN) Rating: A RCD No of poles: $I_{\Delta n}$ mA

Circuit number and phase	Circuit designation	Type of wiring (see code)	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)	Type No	Rating (A)	Short-circuit capacity (kA)	RCD Operating current, $I_{\Delta n}$ (mA)	Maximum Z_s permitted by BS 7671 (Ω)
1	Lights	A	B	4	1.5	1.5	0.4	60898 MCB	B	6	6	N/A	
2	S/O	A	B	1	2.5	2.5	0.4	60898 MCB	B	32	6	N/A	
3	S/O	A	B	1	2.5	2.5	0.4	60898 MCB	B	32	6	N/A	
4	S/O	A	B	1	2.5	2.5	0.4	60898 MCB	B	32	6	N/A	
5	S/O	A	B	1	2.5	2.5	0.4	60898 MCB	B	32	6	N/A	
6	Blank											N/A	
7	Blank											N/A	
8	Blank											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/ cables	Mineral-insulated cables	

See next page for Schedule of Test Results

NICEIC APPROVED CONTRACTOR

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IPN3/0438310

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	* 0.11	Ω	Operating times of associated RCD (if any)	At $I_{\Delta n}$	ms
I_{pf}	* 997	kA		At $5I_{\Delta n}$	ms

Test instruments (serial numbers) used:

Earth fault loop impedance	16103359	RCD	
Insulation resistance		Multi function	
Continuity		Other	

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	Lim	> 200	> 200	✔				✔
2						N/A	Lim	> 200	> 200	✔				✔
3						N/A	Lim	> 200	> 200	✔				✔
4						N/A	Lim	> 200	> 200	✔				✔
5						N/A	Lim	> 200	> 200	✔				✔
6				0.14		N/A	Lim	> 200	> 200	✔	0.24	101	36	✔
7						N/A	Lim	> 200	> 200	✔				✔
8						N/A	Lim	> 200	> 200	✔				✔

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

TESTED BY

Signature:		Position:	Qualified Supervisior
Name: (CAPITALS)	KEVIN DUFFY	Date of testing:	01/07/2014

See previous page for Schedule of Circuit Details

NICEIC APPROVED CONTRACTOR

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IPN3/0438310

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: ARGOS rear office

Distribution board designation: DB F3B

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

Supply to distribution board is from: DB F3

No of phases: 1 Nominal voltage: 240 V

Overcurrent protective device for the distribution circuit:

Associated RCD (if any): BS(EN)

Type: BS(EN) Rating: A

RCD No of poles: 2 $I_{\Delta n}$ 30 mA

Circuit number and phase	Circuit designation	Type of wiring (see code)	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	Lights	F	C	4	1.5	1.5	0.4	61009 RCD/RCBO	B	20	6	30	
2	Lights	F	C	4	1.5	1.5	0.4	61009 RCD/RCBO	B	20	6	30	
3	Lights	F	C	4	1.5	1.5	0.4	61009 RCD/RCBO	B	20	6	30	
4	Lights	F	C	4	1.5	1.5	0.4	61009 RCD/RCBO	B	20	6	30	
5	Lights	F	C	4	1.5	1.5	0.4	61009 RCD/RCBO	B	20	6	30	
6	Lights	F	C	4	1.5	1.5	0.4	61009 RCD/RCBO	B	20	6	30	
7	Lights	F	C	4	1.5	1.5	0.4	61009 RCD/RCBO	B	20	6	30	
8	Lights	A	C	4	1.5	1.5	0.4	61009 RCD/RCBO	B	20	6	30	
9	Lights	A	C	4	1.5	1.5	0.4	61009 RCD/RCBO	B	20	6	30	

** 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/ cables	Mineral-insulated cables	

See next page for Schedule of Test Results

NICEIC APPROVED CONTRACTOR

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

IPN3/0438310

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 *		Ω	Operating times of associated RCD (if any)	At $I_{\Delta n}$	ms
I_{pf} *		kA		At $5I_{\Delta n}$	ms

Test instruments (serial numbers) used:

Earth fault loop impedance	16103359	RCD	
Insulation resistance		Multi function	
Continuity		Other	

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	Lim	Lim	Lim	✔				
2						N/A	Lim	Lim	Lim	✔				
3						N/A	Lim	Lim	Lim	✔				
4						N/A	Lim	Lim	Lim	✔				
5						N/A	Lim	Lim	Lim	✔				
6						N/A	Lim	Lim	Lim	✔				
7						N/A	Lim	Lim	Lim	✔				
8						N/A	Lim	Lim	Lim	✔				
9						N/A	Lim	Lim	Lim	✔				

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

TESTED BY

Signature:		Position:	Qualified Supervisior
Name: (CAPITALS)	KEVIN DUFFY	Date of testing:	01/07/2014

See previous page for Schedule of Circuit Details

NICEIC APPROVED CONTRACTOR

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

IPN3/0438310

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: Argos main office rear

Distribution board designation: DB F3A

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

Supply to distribution board is from: DB F3 cct 4

No of phases: 2 Nominal voltage: 240 V

Overcurrent protective device for the distribution circuit:

Associated RCD (if any): BS(EN)

Type: BS(EN) Rating: A

RCD No of poles: $I_{\Delta n}$ mA

Circuit number and phase	Circuit designation	Type of wiring (see code)	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)	Type No	Rating (A)	Short-circuit capacity (kA)	RCD Operating current, $I_{\Delta n}$ (mA)	Maximum Z_s permitted by BS 7671 (Ω)
1	EM lights	1.5	1	3	1.5	1	0.4	60898 MCB	B	10	6	N/A	
2	Heater 1	2.5	1.5	1	2.5	1.5	0.4	60898 MCB	B	10	6	N/A	
3	Heater 2	2.5	1.5	1	2.5	1.5	0.4	60898 MCB	B	10	6	N/A	
4	Server hub	2.5	1.5	1	2.5	1.5	0.4	60898 MCB	B	10	6	N/A	
5	Blank											N/A	
6	Blank											N/A	
7	Blank											N/A	
8	Blank											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/ cables	Mineral-insulated cables	

See next page for Schedule of Test Results

APPROVED CONTRACTOR

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

IPN3/0438310

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

Confirmation of supply polarity

* See note below

Z_S * Ω

I_{pf} * kA

Operating times of associated RCD (if any)

At $I\Delta n$ ms

At $5I\Delta n$ ms

Test instruments (serial numbers) used:

Earth fault loop impedance		RCD	
Insulation resistance		Multi function	
Continuity		Other	

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														
2														
3														
4														
5														
6														
7														
8														

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

TESTED BY

Signature:		Position:	
Name: (CAPITALS)		Date of testing:	

See previous page for Schedule of Circuit Details

NICEIC APPROVED CONTRACTOR

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

IPN3/0438310

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: 2 floor office old PO room

Distribution board designation: DB G1

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

Supply to distribution board is from: Isolator G

No of phases: 3 Nominal voltage: 400 V

Overcurrent protective device for the distribution circuit:

Associated RCD (if any): BS(EN)

Type: BS(EN) Rating: A RCD No of poles: $I_{\Delta n}$ mA

Circuit number and phase	Circuit designation	Type of wiring (see code)	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)	Type No	Rating (A)	Short-circuit capacity (kA)	RCD Operating current, $I_{\Delta n}$ (mA)	Maximum Z_s permitted by BS 7671 (Ω)
1	S/O & heater	A	B	9	2.5	1.5	0.4	60898 MCB	B	32	6	N/A	
2	S/O	A	B	6	2.5	1.5	0.4	60898 MCB	B	32	6	N/A	
3	S/O	A	B	7	2.5	1.5	0.4	60898 MCB	B	32	6	N/A	
4	S/O & heater	A	B	7	2.5	1.5	0.4	60898 MCB	B	32	6	N/A	
5	Lights	A	B	8	1.5	1	0.4	60898 MCB	B	10	6	N/A	
6	S/O goods in	A	B	4	2.5	1.5	0.4	60898 MCB	B	32	6	N/A	
7	S/O kitchen	A	B	2	2.5	1.5	0.4	60898 MCB	B	32	6	N/A	
8	Water heater	A	B	1	2.5	1.5	0.4	60898 MCB	B	32	6	N/A	
9	heater	A	B	1	2.5	1.5	0.4	60898 MCB	B	32	6	N/A	
10	S/O	A	B	4	2.5	1.5	0.4	60898 MCB	B	32	6	N/A	
11	S/O comms cab	A	B	3	2.5	1.5	0.4	60898 MCB	B	32	6	N/A	
12	S/O	A	B	5	2.5	1.5	0.4	60898 MCB	B	20	6	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/ cables	Mineral-insulated cables	

See next page for Schedule of Test Results

NICEIC APPROVED CONTRACTOR

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

IPN3/0438310

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

Confirmation of supply polarity

** See note below*

Z_s * 0.10 Ω — Operating times of associated RCD (if any): At $I_{\Delta n}$ ms; At $5I_{\Delta n}$ ms

I_{pf} * 1.16 kA

Test instruments (serial numbers) used:

Earth fault loop impedance	16103359	RCD	
Insulation resistance		Multi function	
Continuity		Other	

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										✓				
2										✓				
3										✓	0.21			
4										✓				
5										✓				
6										✓				
7										✓				
8										✓				
9										✓				
10										✓	0.29			
11										✓				
12										✓				

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

TESTED BY

Signature:		Position:	Qualified Supervisior
Name: (CAPITALS)	KEVIN DUFFY	Date of testing:	01/07/2014

See previous page for Schedule of Circuit Details

NICEIC APPROVED CONTRACTOR

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

IPN3/0438310

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: Warehouse B left side EM

Distribution board designation: DB K2

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

Supply to distribution board is from:

No of phases: 2 Nominal voltage: 240 V

Overcurrent protective device for the distribution circuit:

Associated RCD (if any): BS(EN)

Type: BS(EN) Rating: A

RCD No of poles: 2 $I_{\Delta n}$ 30 mA

Circuit number and phase	Circuit designation	Type of wiring (see code)	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)	Type No	Rating (A)	Short-circuit capacity (kA)	RCD Operating current, $I_{\Delta n}$ (mA)	Maximum Z_s permitted by BS 7671 (Ω)
1	EM Lights	O	C	4	1.5	1	0.4	60898 MCB	B	6	6	30	
2	MC S/O below	F	C	1		2.5	0.4	60898 MCB	B	16	6	30	

* *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/ cables	Mineral-insulated cables	

See next page for Schedule of Test Results

NICEIC APPROVED CONTRACTOR

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IPN3/0438310

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	* 0.30	Ω	Operating times of associated RCD (if any)	At $I_{\Delta n}$	ms
I_{pf}	* 471	kA		At $5I_{\Delta n}$	ms

Test instruments (serial numbers) used:

Earth fault loop impedance	16103359	RCD	
Insulation resistance		Multi function	
Continuity		Other	

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							> 200	> 200	> 200	✔				
2							> 200	> 200	> 200	✔	0.51	4	4	✔

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

TESTED BY

Signature:		Position:	Qualified Supervisior
Name: (CAPITALS)	KEVIN DUFFY	Date of testing:	01/07/2014

See previous page for Schedule of Circuit Details

NICEIC APPROVED CONTRACTOR

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

IPN3/0438310

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: Security room

Distribution board designation: DB K1

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

Supply to distribution board is from: DB K

No of phases: 3 Nominal voltage: 400 V

Overcurrent protective device for the distribution circuit:

Associated RCD (if any): BS(EN)

Type: BS(EN) Rating: A RCD No of poles: $I_{\Delta n}$ mA

Circuit number and phase	Circuit designation	Type of wiring (see code)	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)	Type No	Rating (A)	Short-circuit capacity (kA)	RCD Operating current, $I_{\Delta n}$ (mA)	Maximum Z_s permitted by BS 7671 (Ω)
1	Fuel pump DB	F	C	1	1.5	1.5		61009 RCD/RCBO	C	10	10	30	
2	S/O	H	C	1	2.5	2.5		60898 MCB	C	20	10	N/A	
3	S/O	F	C	1	1.5	1.5		60898 MCB	C	20	10	N/A	
4	Spare							60898 MCB	C	16	10	N/A	
5	Spare							60898 MCB	C	16	10	N/A	
6	Spare							60898 MCB	C	10	10	N/A	
7	Spare							60898 MCB	C	10	10	N/A	
8	Spare							60898 MCB	C	10	10	N/A	
9	Blank							60898 MCB	C	6	10	N/A	
10	Blank												
11	Blank												
12	Blank												

** 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/ cables	Mineral-insulated cables	

See next page for Schedule of Test Results

NICEIC APPROVED CONTRACTOR

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

IPN3/0438310

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 * 0.18	Ω	Operating times of associated RCD (if any)	At $I_{\Delta n}$		ms
I_{pf} * 516x2	kA		At $5I_{\Delta n}$		ms

Test instruments (serial numbers) used:

Earth fault loop impedance	16103359	RCD	
Insulation resistance		Multi function	
Continuity		Other	

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						Lim	Lim	> 200	> 200	✔		39	31	✔
2						Lim	Lim	> 200	> 200	✔		N/A	N/A	
3						Lim	Lim	> 200	> 200	✔	0.46	N/A	N/A	
4						Lim	Lim	> 200	> 200			N/A	N/A	
5						Lim	Lim	> 200	> 200			N/A	N/A	
6						Lim	Lim	> 200	> 200			N/A	N/A	
7						Lim	Lim	> 200	> 200			N/A	N/A	
8						Lim	Lim	> 200	> 200			N/A	N/A	
9						Lim	Lim	> 200	> 200			N/A	N/A	
10						Lim	Lim	> 200	> 200			N/A	N/A	
11						Lim	Lim	> 200	> 200			N/A	N/A	
12						Lim	Lim	> 200	> 200			N/A	N/A	

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

TESTED BY

Signature:		Position:	Qualified Supervisior
Name: (CAPITALS)	KEVIN DUFFY	Date of testing:	01/07/2014

See previous page for Schedule of Circuit Details

NICEIC APPROVED CONTRACTOR

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IPN3/0438310

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: BT Room

Distribution board designation: DB K

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

Supply to distribution board is from: Isolator k

No of phases: 3 Nominal voltage: 400 V

Overcurrent protective device for the distribution circuit:

Associated RCD (if any): BS(EN)

Type: BS(EN) Rating: A RCD No of poles: $I_{\Delta n}$ mA

Circuit number and phase	Circuit designation	Type of wiring (see code)	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)	Type No	Rating (A)	Short-circuit capacity (kA)	RCD Operating current, $I_{\Delta n}$ (mA)	Maximum Z_s permitted by BS 7671 (Ω)
1	DB K1 (security office)	H	C	1				60898 MCB	C	20	10	N/A	
2	DB K1 (security office)	H	C	1				60898 MCB	C	20	10	N/A	
3	DB K1 (security office)	H	C	1				60898 MCB	C	20	10	N/A	
4	S/O & WC water heater (incl vend)	A	C	4	2.5	2.5		60898 MCB	C	32	10	N/A	
5		A	C	Lim	2.5	2.5		60898 MCB	C	32	10	N/A	
6	S/O & Fire Alarm panel	A	C	3	2.5	2.5		60898 MCB	C	32	10	N/A	
7	Spare	A	C		2.5	2.5		60898 MCB	C	32	10	N/A	
8	S/O garage store	A	C	3	2.5	2.5		60898 MCB	C	20	10	N/A	
9	Heater tea room	A	C	1	2.5	2.5		60898 MCB	C	20	10	N/A	
10		A	C	Lim	2.5	2.5		60898 MCB	C	10	10	N/A	
11		A	C	Lim	1.5	1.5		60898 MCB	C	10	10	N/A	
12		A	C	Lim	1.5	1.5		60898 MCB	C	10	10	N/A	
13	Lights security office	A	C	3	2.5	2.5		60898 MCB	C	20	10	N/A	
14		A	C	Lim	2.5	2.5		60898 MCB	C	10	10	N/A	
15	Spare		C		1.5	1.5		60898 MCB	C	10	10	N/A	
16		A	C	Lim				60898 MCB	C	10	10	N/A	
17		A	C	Lim	2.5	2.5		60898 MCB	C	10	10	N/A	
18		A	C	Lim	1.5	2.5		60898 MCB	C	10	10	N/A	
19	Spare	A	C		6	2.5		60898 MCB	C	32	10	N/A	
20	Bottom cabin	A	C	Lim	2.5	2.5		60898 MCB	C	32	10	N/A	
21	DB K2 Small DB in Warehouse B & EM	A	C	Lim	6	2.5		60898 MCB	C	32	10	N/A	
22	Spare	A	C	Lim	1.5	1.5		60898 MCB	C	32	10	N/A	
23		A	C	Lim	1.5	1.5		60898 MCB	C	10	10	N/A	
24		A	C	Lim	2.5	2.5		60898 MCB	C	10	10	N/A	
25		A	C	Lim	2.5	2.5		60898 MCB	C	20	10	N/A	
26	Blank											N/A	
27	Blank											N/A	
28	Blank											N/A	
29	Blank											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/ cables	Mineral-insulated cables	

See next page for Schedule of Test Results

NICEIC APPROVED CONTRACTOR

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IPN3/0438310

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	* 0.10	Ω	Operating times of associated RCD (if any)	At $I_{\Delta n}$	ms
I_{pf}	* 977x2	kA		At $5I_{\Delta n}$	ms

Test instruments (serial numbers) used:

Earth fault loop impedance	16103359	RCD	
Insulation resistance		Multi function	
Continuity		Other	

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						Lim	Lim	> 200	> 200	✓		N/A	N/A	
2						Lim	Lim	> 200	> 200	✓		N/A	N/A	
3						Lim	Lim	> 200	> 200	✓		N/A	N/A	
4						Lim	Lim	> 200	> 200	✓		N/A	N/A	
5						Lim	Lim	> 200	> 200	✓		N/A	N/A	
6						Lim	Lim	> 200	> 200	✓		N/A	N/A	
7						Lim	Lim	> 200	> 200	✓		N/A	N/A	
8						Lim	Lim	> 200	> 200	✓		N/A	N/A	
9						Lim	Lim	> 200	> 200	✓		N/A	N/A	
10						Lim	Lim	> 200	> 200	✓		N/A	N/A	
11						Lim	Lim	> 200	> 200	✓		N/A	N/A	
12						Lim	Lim	> 200	> 200	✓		N/A	N/A	
13						Lim	Lim	> 200	> 200	✓		N/A	N/A	
14						Lim	Lim	> 200	> 200	✓		N/A	N/A	
15						Lim	Lim	> 200	> 200	✓		N/A	N/A	
16						Lim	Lim	> 200	> 200	✓		N/A	N/A	
17						Lim	Lim	> 200	> 200	✓		N/A	N/A	
18						Lim	Lim	> 200	> 200	✓		N/A	N/A	
19						Lim	Lim	> 200	> 200	✓		N/A	N/A	
20						Lim	Lim	> 200	> 200	✓		N/A	N/A	
21						Lim	Lim	> 200	> 200	✓		N/A	N/A	
22						Lim	Lim	> 200	> 200	✓		N/A	N/A	
23						Lim	Lim	> 200	> 200	✓		N/A	N/A	
24						Lim	Lim	> 200	> 200	✓		N/A	N/A	
25						Lim	Lim	> 200	> 200	✓		N/A	N/A	
26						Lim	Lim	> 200	> 200	✓		N/A	N/A	
27						Lim	Lim	> 200	> 200	✓		N/A	N/A	
28						Lim	Lim	> 200	> 200	✓		N/A	N/A	
29						Lim	Lim	> 200	> 200	✓		N/A	N/A	

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

TESTED BY

Signature:		Position:	Qualified Supervisior
Name: (CAPITALS)	KEVIN DUFFY	Date of testing:	01/07/2014

See previous page for Schedule of Circuit Details

NICEIC APPROVED CONTRACTOR

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

IPN3/0438310

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: BT Room

Distribution board designation: DB K

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

Supply to distribution board is from: Isolator k

No of phases: 3 Nominal voltage: 400 V

Overcurrent protective device for the distribution circuit:

Associated RCD (if any): BS(EN)

Type: BS(EN) Rating: A

RCD No of poles: $I_{\Delta n}$ mA

Circuit number and phase	Circuit designation	Type of wiring (see code)	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)
30	Blank											N/A	
31	Spare	A	C	Lim		2.5		60898 MCB	C	10	10	N/A	
32		A	C	Lim	1.5	2.5		60898 MCB	C	10	10	N/A	
33	Ring final Tea room kitchen	A	C	Lim	2.5	2.5		61009 RCD/RCBO	C	32	10	N/A	
34	S/O BT room	A	C	Lim	2.5	2.5		60898 MCB	C	32	10	N/A	
35	Water heater kitchen	A	C	Lim	2.5	2.5		60898 MCB	C	20	10	N/A	
36		A	C	Lim	2.5	2.5		60898 MCB	C	10	10	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/ cables	Mineral-insulated cables	

See next page for Schedule of Test Results

NICEIC APPROVED CONTRACTOR

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

IPN3/0438310

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	* 0.10	Ω	Operating times of associated RCD (if any)	At $I_{\Delta n}$	ms
I_{pf}	* 977x2	kA		At $5I_{\Delta n}$	ms

Test instruments (serial numbers) used:

Earth fault loop impedance	16103359	RCD	
Insulation resistance		Multi function	
Continuity		Other	

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)	(✔)
30						Lim	Lim	> 200	> 200	✔		N/A	N/A	
31						Lim	Lim	> 200	> 200	✔		N/A	N/A	
32						Lim	Lim	> 200	> 200	✔		N/A	N/A	
33						Lim	Lim	> 200	> 200	✔	0.25	30	31	✔
34						Lim	Lim	> 200	> 200	✔		N/A	N/A	
35						Lim	Lim	> 200	> 200	✔		N/A	N/A	
36						Lim	Lim	> 200	> 200	✔		N/A	N/A	

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

TESTED BY

Signature:		Position:	Qualified Supervisior
Name: (CAPITALS)	KEVIN DUFFY	Date of testing:	01/07/2014

See previous page for Schedule of Circuit Details

NICEIC APPROVED CONTRACTOR

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

IPN3/0438310

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: Warehouse A end (scafman)

Distribution board designation: DB M1A

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

Supply to distribution board is from: DB M1

No of phases: 2 Nominal voltage: 240 V

Overcurrent protective device for the distribution circuit:

Associated RCD (if any): BS(EN)

Type: BS(EN) Rating: A RCD No of poles: $I_{\Delta n}$ mA

Circuit number and phase	Circuit designation	Type of wiring (see code)	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)	Type No	Rating (A)	Short-circuit capacity (kA)	RCD Operating current, $I_{\Delta n}$ (mA)	Maximum Z_s permitted by BS 7671 (Ω)
1	Ring final	A	B	2	2.5	2.5	0.4	60947-2 MCB	B	32	6	N/A	
2	Ring final	A	B	3	2.5	2.5	0.4	60947-2 MCB	B	32	6	N/A	
3	S/O	A	B	1	2.5	2.5	0.4	60947-2 MCB	B	32	6	N/A	
4	Spur (near door)	A	B	1	2.5	2.5	0.4	60947-2 MCB	B	6	6	N/A	
5	Lights	A	B	2	1.5	1.5	0.4	60947-2 MCB	B	16	6	N/A	
6	Lights	A	B	2	1.5	1.5	0.4	60947-2 MCB	B	10	6	N/A	
7	Lights	A	B	2	1.5	1.5	0.4	60947-2 MCB	B	10	6	N/A	
8	Lights	A	B	2	1.5	1.5	0.4	60947-2 MCB	B	10	6	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/ cables	Mineral-insulated cables	

See next page for Schedule of Test Results

NICEIC APPROVED CONTRACTOR

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

IPN3/0438310

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	* 0.10	Ω	Operating times of associated RCD (if any)	At $I_{\Delta n}$		ms
I_{pf}	* 1.26x2	kA		At $5I_{\Delta n}$		ms

Test instruments (serial numbers) used:

Earth fault loop impedance	16103359	RCD	
Insulation resistance		Multi function	
Continuity		Other	

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						Lim	Lim	> 200	> 200	✔	0.19	N/A	N/A	
2						Lim	Lim	> 200	> 200	✔		N/A	N/A	
3						Lim	Lim	> 200	> 200	✔		N/A	N/A	
4						Lim	Lim	> 200	> 200	✔		N/A	N/A	
5						Lim	Lim	> 200	> 200	✔		N/A	N/A	
6						Lim	Lim	> 200	> 200	✔		N/A	N/A	
7						Lim	Lim	> 200	> 200			N/A	N/A	
8						Lim	Lim	> 200	> 200			N/A	N/A	

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

TESTED BY

Signature:		Position:	Qualified Supervisior
Name: (CAPITALS)	KEVIN DUFFY	Date of testing:	02/07/2014

See previous page for Schedule of Circuit Details

NICEIC APPROVED CONTRACTOR

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

IPN3/0438310

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: Main HV room

Distribution board designation: DB M

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

Supply to distribution board is from: Supply M

No of phases: 3 Nominal voltage: 400 V

Overcurrent protective device for the distribution circuit:

Associated RCD (if any): BS(EN)

Type: BS(EN) Rating: A RCD No of poles: $I_{\Delta n}$ mA

Circuit number and phase	Circuit designation	Type of wiring (see code)	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	Blank												
2	Blank												
3	Blank												
4	Blank												
5	Blank												
6	Blank												
7	Blank												
8	Blank												
9	Blank												
10	Blank												
11	DM M1	F	1.5		2x 4	4	0.4	60898 MCB	C	32	10	N/A	
12	Lights office	B	1.5		1.5	1.5	0.4	60898 MCB	C	10	10	N/A	
13		B	1.5		1.5	1.5	0.4	60898 MCB	C	10	10	N/A	
14		B	1.5		1.5	1.5	0.4	60898 MCB	C	10	10	N/A	
15	Lights Bay B	B	1.5		1.5	1.5	0.4	60898 MCB	C	10	10	N/A	
16		B	1.5		1.5	1.5	0.4	60898 MCB	C	10	10	N/A	
17		B	1.5		1.5	1.5	0.4	60898 MCB	C	10	10	N/A	
18		B	1.5		1.5	1.5	0.4	60898 MCB	C	10	10	N/A	
19	Spare											N/A	
20	Spare											N/A	
21	Spare											N/A	
22	CCTV Sockets in Security room	F	2.5		4	4	0.4	60898 MCB	C	20	10	N/A	
23	Ring Final HV room & EM lights WH A	B	2.5		2.5	2.5	0.4	60898 MCB	C	32	10	N/A	
24	CCTV Camera supply	F	4		2.5	2.5	0.4	60898 MCB	C	32	10	N/A	
25	Lights HV room	B	1.5		4	4	0.4	60898 MCB	C	16	10	N/A	
26	Lights compressor room	B	1.5		1.5	1.5	0.4	60898 MCB	C	6	10	N/A	
27	Blank											N/A	
28	Blank											N/A	
29	Blank											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/ cables	Mineral-insulated cables	

See next page for Schedule of Test Results

NICEIC APPROVED CONTRACTOR

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

IPN3/0438310

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 *	0.10	Ω	Operating times of associated RCD (if any)	At $I_{\Delta n}$	ms
I_{pf} *	1.43x2	kA		At $5I_{\Delta n}$	ms

Test instruments (serial numbers) used:

Earth fault loop impedance	16103359	RCD	
Insulation resistance		Multi function	
Continuity		Other	

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						Lim	Lim	> 200	> 200	✓		N/A	N/A	
2						Lim	Lim	> 200	> 200	✓		N/A	N/A	
3						Lim	Lim	> 200	> 200	✓		N/A	N/A	
4						Lim	Lim	> 200	> 200	✓		N/A	N/A	
5						Lim	Lim	> 200	> 200	✓		N/A	N/A	
6						Lim	Lim	> 200	> 200	✓		N/A	N/A	
7						Lim	Lim	> 200	> 200	✓		N/A	N/A	
8						Lim	Lim	> 200	> 200	✓		N/A	N/A	
9						Lim	Lim	> 200	> 200	✓		N/A	N/A	
10						Lim	Lim	> 200	> 200	✓		N/A	N/A	
11						Lim	Lim	> 200	> 200	✓		N/A	N/A	
12						Lim	Lim	> 200	> 200	✓		N/A	N/A	
13						Lim	Lim	> 200	> 200	✓		N/A	N/A	
14						Lim	Lim	> 200	> 200	✓		N/A	N/A	
15						Lim	Lim	> 200	> 200	✓		N/A	N/A	
16						Lim	Lim	> 200	> 200	✓		N/A	N/A	
17						Lim	Lim	> 200	> 200	✓		N/A	N/A	
18						Lim	Lim	> 200	> 200	✓		N/A	N/A	
19						Lim	Lim	> 200	> 200	✓		N/A	N/A	
20						Lim	Lim	> 200	> 200	✓		N/A	N/A	
21						Lim	Lim	> 200	> 200	✓		N/A	N/A	
22						Lim	Lim	> 200	> 200	✓	0.86	N/A	N/A	
23						Lim	Lim	> 200	> 200	✓	0.17	N/A	N/A	
24						Lim	Lim	> 200	> 200	✓		N/A	N/A	
25						Lim	Lim	> 200	> 200	✓		N/A	N/A	
26						Lim	Lim	> 200	> 200	✓		N/A	N/A	
27						Lim	Lim	> 200	> 200	✓		N/A	N/A	
28						Lim	Lim	> 200	> 200	✓		N/A	N/A	
29						Lim	Lim	> 200	> 200	✓		N/A	N/A	

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

TESTED BY

Signature:		Position:	Qualified Supervisior
Name: (CAPITALS)	KEVIN DUFFY	Date of testing:	01/07/2014

See previous page for Schedule of Circuit Details

NICEIC APPROVED CONTRACTOR

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IPN3/0438310

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: Main HV room

Distribution board designation: DB M

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

Supply to distribution board is from: Supply M

No of phases: 3 Nominal voltage: 400 V

Overcurrent protective device for the distribution circuit:

Associated RCD (if any): BS(EN)

Type: BS(EN) Rating: A

RCD No of poles: $I_{\Delta n}$ mA

Circuit number and phase	Circuit designation	Type of wiring (see code)	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)
30	Blank											N/A	
31	Blank											N/A	
32	Blank											N/A	
33	Blank											N/A	
34	Blank											N/A	
35	Spare		1.5				0.4	61009 RCD/RCBO	C	10	10	30	
36	Spare		1.5				0.4	61009 RCD/RCBO	C	32	10	30	

* *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/ cables	Mineral-insulated cables	

See next page for Schedule of Test Results

NICEIC APPROVED CONTRACTOR

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IPN3/0438310

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	* 0.10	Ω	Operating times of associated RCD (if any)	At $I_{\Delta n}$	ms
I_{pf}	* 1.43x2	kA		At $5I_{\Delta n}$	ms

Test instruments (serial numbers) used:

Earth fault loop impedance	16103359	RCD	
Insulation resistance		Multi function	
Continuity		Other	

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)	(✔)
30						Lim	Lim	> 200	> 200	✔		N/A	N/A	
31						Lim	Lim	> 200	> 200	✔		N/A	N/A	
32						Lim	Lim	> 200	> 200	✔		N/A	N/A	
33						Lim	Lim	> 200	> 200	✔		N/A	N/A	
34						Lim	Lim	> 200	> 200	✔		N/A	N/A	
35						Lim	Lim	> 200	> 200	✔		N/A	N/A	
36						Lim	Lim	> 200	> 200	✔		N/A	N/A	✔
						Lim	Lim	> 200	> 200	✔		N/A	N/A	
						Lim	Lim	> 200	> 200	✔		N/A	N/A	
						Lim	Lim	> 200	> 200	✔		N/A	N/A	

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

TESTED BY

Signature:		Position:	Qualified Supervisior
Name: (CAPITALS)	KEVIN DUFFY	Date of testing:	01/07/2014

See previous page for Schedule of Circuit Details

NICEIC APPROVED CONTRACTOR

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

IPN3/0438310

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: Howl HV room

Distribution board designation: DB P

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

Supply to distribution board is from: Isolator P

No of phases: 3 Nominal voltage: 400 V

Overcurrent protective device for the distribution circuit:

Associated RCD (if any): BS(EN)

Type: BS(EN) Rating: A RCD No of poles: $I_{\Delta n}$ mA

Circuit number and phase	Circuit designation	Type of wiring (see code)	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)	Type No	Rating (A)	Short-circuit capacity (kA)	RCD Operating current, $I_{\Delta n}$ (mA)	Maximum Z_s permitted by BS 7671 (Ω)
1R	Supply to DB P1	F	C	1	10	10	0.4	88 Fuse HRC	gG	63	10	N/A	
2R	Supply to DB P3	F	C	1	10	10	0.4	88 Fuse HRC	gG	63	10	N/A	
3R	Spare							88 Fuse HRC	gG	63	10	N/A	
4R	Spare							88 Fuse HRC	gG	63	10	N/A	
5R	Spare							88 Fuse HRC	gG	63	10	N/A	
6R	Spare							88 Fuse HRC	gG	63	10	N/A	
1Y	Supply to DB P1	F	C	1	10	10	0.4	88 Fuse HRC	gG	63	10	N/A	
2Y	Supply to DB P2	F	C	1	6	6	0.4	88 Fuse HRC	gG	63	10	N/A	
3Y	Spare							88 Fuse HRC	gG	63	10	N/A	
4Y	Spare							88 Fuse HRC	gG	63	10	N/A	
5Y	Spare							88 Fuse HRC	gG	63	10	N/A	
6Y	Spare							88 Fuse HRC	gG	63	10	N/A	
1B	Supply to DB P1	F	C	1	10	10	0.4	88 Fuse HRC	gG	63	10	N/A	
2B	Spare							88 Fuse HRC	gG	63	10	N/A	
3B	Spare							88 Fuse HRC	gG	63	10	N/A	
4B	Spare							88 Fuse HRC	gG	63	10	N/A	
5B	Spare							88 Fuse HRC	gG	63	10	N/A	
6B	Spare							88 Fuse HRC	gG	63	10	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/ cables	Mineral-insulated cables	

See next page for Schedule of Test Results

NICEIC APPROVED CONTRACTOR

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

IPN3/0438310

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 *	0.10	Ω	Operating times of associated RCD (if any)	At $I_{\Delta n}$	ms
I_{pf} *	1.31x2	kA		At $5I_{\Delta n}$	ms

Test instruments (serial numbers) used:

Earth fault loop impedance	16103359	RCD	
Insulation resistance		Multi function	
Continuity		Other	

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)	(✓)
1R						Lim	Lim	Lim	Lim	✓		N/A	N/A	
2R						Lim	Lim	Lim	Lim	✓		N/A	N/A	
3R						Lim	Lim	Lim	Lim	✓		N/A	N/A	
4R						Lim	Lim	Lim	Lim	✓		N/A	N/A	
5R						Lim	Lim	Lim	Lim	✓		N/A	N/A	
6R						Lim	Lim	Lim	Lim	✓		N/A	N/A	
1Y						Lim	Lim	Lim	Lim	✓		N/A	N/A	
2Y						Lim	Lim	Lim	Lim	✓		N/A	N/A	
3Y						Lim	Lim	Lim	Lim	✓		N/A	N/A	
4Y						Lim	Lim	Lim	Lim	✓		N/A	N/A	
5Y						Lim	Lim	Lim	Lim	✓		N/A	N/A	
6Y						Lim	Lim	Lim	Lim	✓		N/A	N/A	
1B						Lim	Lim	Lim	Lim	✓		N/A	N/A	
2B						Lim	Lim	Lim	Lim	✓		N/A	N/A	
3B						Lim	Lim	Lim	Lim	✓		N/A	N/A	
4B						Lim	Lim	Lim	Lim	✓		N/A	N/A	
5B						Lim	Lim	Lim	Lim	✓		N/A	N/A	
6B						Lim	Lim	Lim	Lim	✓		N/A	N/A	
						Lim	Lim	Lim	Lim	✓		N/A	N/A	

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

TESTED BY

Signature:		Position:	Qualified Supervisior
Name: (CAPITALS)	KEVIN DUFFY	Date of testing:	02/07/2014

See previous page for Schedule of Circuit Details

NICEIC APPROVED CONTRACTOR

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

IPN3/0438310

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: Howl HV room 9 way

Distribution board designation: DB P2

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

Supply to distribution board is from: DB P

No of phases: 2

Nominal voltage: 240 V

Overcurrent protective device for the distribution circuit:

Associated RCD (if any): BS(EN)

Type: BS(EN)

Rating: A

RCD No of poles:

$I_{\Delta n}$ mA

Circuit number and phase	Circuit designation	Type of wiring (see code)	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	Lights	A	B	3	1.5	1		60898 MCB	C	10	6	N/A	
2	Lights	A	B	3	1.5	1		60898 MCB	C	10	6	N/A	
3	Ring final	A	B	4	2.5	1.5		60898 MCB	C	32	6	N/A	
4	Ring final	A	B	3	2.5	1.5		60898 MCB	C	32	6	N/A	
5	Ring final	A	B	3	2.5	1.5		60898 MCB	C	32	6	N/A	
6	Spare							60898 MCB	C	32	6	N/A	
7	Blank											N/A	
8	Blank											N/A	
9	Blank											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/ cables	Mineral-insulated cables	

See next page for Schedule of Test Results

NICEIC APPROVED CONTRACTOR

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

IPN3/0438310

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 *	0.10	Ω	Operating times of associated RCD (if any)	At $I_{\Delta n}$	ms
I_{pf} *	1.34	kA		At $5I_{\Delta n}$	ms

Test instruments (serial numbers) used:

Earth fault loop impedance	16103359	RCD	
Insulation resistance		Multi function	
Continuity		Other	

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										✓				
2										✓				
3										✓				
4										✓	0.19			
5										✓				
6										✓				
7										✓				
8										✓				
9										✓				

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

TESTED BY

Signature:		Position:	Qualified Supervisior
Name: (CAPITALS)	KEVIN DUFFY	Date of testing:	01/07/2014

See previous page for Schedule of Circuit Details

NICEIC APPROVED CONTRACTOR

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

IPN3/0438310

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: Howl Office

Distribution board designation: DB P1A2

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

Supply to distribution board is from: Isolator P1

No of phases: 2 Nominal voltage: 240 V

Overcurrent protective device for the distribution circuit:

Associated RCD (if any): BS(EN)

Type: BS(EN) Rating: A RCD No of poles: $I_{\Delta n}$ mA

Circuit number and phase	Circuit designation	Type of wiring (see code)	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		A	B	Lim	2.5	1.5	0.4	60898 MCB	C	32	6	N/A	
2	Lights small office	A	B	3	1.5	1	0.4	60898 MCB	C	10	6	N/A	
3	S/O	A	B	2	2.5	1.5	0.4	60898 MCB	C	10	6	N/A	
4	Water heater	A	B	1	2.5	1.5	0.4	60898 MCB	C	20	6	N/A	
5	Ring final	A	B	4	2.5	1.5	0.4	60898 MCB	C	32	6	N/A	
6	Lights	A	B	3	1.5	1	0.4	60898 MCB	C	32	6	N/A	
7		A	B		2.5	1.5	0.4	60898 MCB	C	10	6	N/A	
8	Blank							60898 MCB	C				
9	Blank							60898 MCB	C				

** 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/ cables	Mineral-insulated cables	

See next page for Schedule of Test Results

NICEIC APPROVED CONTRACTOR

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

IPN3/0438310

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

Confirmation of supply polarity

** See note below*

Z_s * 0.10 Ω — Operating times of associated RCD (if any): At $I_{\Delta n}$ ms; At $5I_{\Delta n}$ ms

I_{pf} * 1.07 kA

Test instruments (serial numbers) used:

Earth fault loop impedance	16103359	RCD	
Insulation resistance		Multi function	
Continuity		Other	

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										✓				
2										✓				
3										✓				
4										✓				
5										✓	0.23			
6										✓				
7										✓				
8										✓				
9										✓				

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

TESTED BY

Signature:		Position:	Qualified Supervisior
Name: (CAPITALS)	KEVIN DUFFY	Date of testing:	01/07/2014

See previous page for Schedule of Circuit Details

NICEIC APPROVED CONTRACTOR

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IPN3/0438310

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: Howl 1st floor office above door

Distribution board designation: DB P3

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

Supply to distribution board is from: DB P

No of phases: 2 Nominal voltage: 240 V

Overcurrent protective device for the distribution circuit:

Associated RCD (if any): BS(EN)

Type: BS(EN) Rating: A RCD No of poles: $I_{\Delta n}$ mA

Circuit number and phase	Circuit designation	Type of wiring (see code)	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	Ring final (Dado in CU room)	A	B	4	2.5	1.5	0.4	60898 MCB	B	32	6	N/A	
2	Ring final	A	B	3	2.5	1.5	0.4	60898 MCB	B	32	6	N/A	
3	Ring final	A	B	4	2.5	1.5	0.4	60898 MCB	B	32	6	N/A	
4	Spur intruder alarm	A	B	1	1.5	1	0.4	60898 MCB	B	32	6	N/A	
5	Lights	A	B	3	1.5	1	0.4	60898 MCB	B	6	6	N/A	
6	Lights	A	B	3	1.5	1	0.4	60898 MCB	B	6	6	N/A	
7	Lights	A	B	3	1.5	1	0.4	60898 MCB	B	6	6	N/A	
8	Lights	A	B	3	1.5	1	0.4	60898 MCB	B	6	6	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/ cables	Mineral-insulated cables	

See next page for Schedule of Test Results

NICEIC APPROVED CONTRACTOR

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

IPN3/0438310

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	* 0.1	Ω	Operating times of associated RCD (if any)	At $I_{\Delta n}$	ms
I_{pf}	* 1.35	kA		At $5I_{\Delta n}$	ms

Test instruments (serial numbers) used:

Earth fault loop impedance		RCD	
Insulation resistance		Multi function	
Continuity		Other	

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										✔	0.16	N/A	N/A	
2										✔		N/A	N/A	
3										✔	0.24	N/A	N/A	
4										✔		N/A	N/A	
5										✔		N/A	N/A	
6										✔		N/A	N/A	
7										✔		N/A	N/A	
8										✔		N/A	N/A	

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

TESTED BY

Signature:		Position:	Qualified Supervisior
Name: (CAPITALS)	KEVIN DUFFY	Date of testing:	01/07/2014

See previous page for Schedule of Circuit Details

NICEIC APPROVED CONTRACTOR

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IPN3/0438310

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: Howl office

Distribution board designation: DB P1A1

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

Supply to distribution board is from: Isolator P1A

No of phases: 3 Nominal voltage: 400 V

Overcurrent protective device for the distribution circuit:

Associated RCD (if any): BS(EN)

Type: BS(EN) Rating: A RCD No of poles: $I_{\Delta n}$ mA

Circuit number and phase	Circuit designation	Type of wiring (see code)	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)	Type No	Rating (A)	Short-circuit capacity (kA)	RCD Operating current, $I_{\Delta n}$ (mA)	Maximum Z_s permitted by BS 7671 (Ω)
1	Lights	A	C	3	1.5	1	0.4	60898 MCB	C	10	10	N/A	
2	Ring final	A	C	4	2.5	1.5	0.4	60898 MCB	C	32	10	N/A	
3	Ring final	A	C	4	2.5	1.5	0.4	60898 MCB	C	32	10	N/A	
4	Lights	A	C	3	1.5	1	0.4	60898 MCB	C	10	10	N/A	
5	Ring final	A	C	3	2.5	1.5	0.4	60898 MCB	C	32	10	N/A	
6		A	C		2.5	1.5	0.4	60898 MCB	C	10	10	N/A	
7		A	C		2.5	1.5	0.4	60898 MCB	C	20	10	N/A	
8	Lights corridor & wc	A	C	4	1.5	1	0.4	60898 MCB	C	10	10	N/A	
9	Water heater	A	C	1	2.5	1.5	0.4	60898 MCB	C	32	10	N/A	
10	Ring final	A	C	3	2.5	1.5	0.4	60898 MCB	C	32	10	N/A	
11	Blank											N/A	
12	Blank											N/A	
13	Blank											N/A	
14	Blank											N/A	
15	Blank											N/A	
16	Blank											N/A	
17	Blank											N/A	
18	Blank											N/A	
19	Ring final	A	C	4	2.5	1.5	0.4	60898 MCB	C	32	10	N/A	
20	Ring final	A	C	4	2.5	1.5	0.4	60898 MCB	C	32	10	N/A	
21	Ring final	A	C	3	2.5	1.5	0.4	60898 MCB	C	32	10	N/A	
22		A	C		2.5	1.5	0.4	60898 MCB	C	10	10	N/A	
23	Ring final	A	C	3	2.5	1.5	0.4	60898 MCB	C	16	10	N/A	
24		A	C		2.5	1.5	0.4	60898 MCB	C	10	10	N/A	
25		A	C		2.5	1.5	0.4	60898 MCB	C	32	10	N/A	
26	Ring final	A	C	3	2.5	1.5	0.4	60898 MCB	C	32	10	N/A	
27		A	C		2.5	1.5	0.4	60898 MCB	C	32	10	N/A	
28	Blank								C	32		N/A	
29	Blank								C	32		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/ cables	Mineral-insulated cables	

See next page for Schedule of Test Results

NICEIC APPROVED CONTRACTOR

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IPN3/0438310

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

Confirmation of supply polarity

** See note below*

Z_s * 0.10 Ω — Operating times of associated RCD (if any) — At $I_{\Delta n}$ ms

I_{pf} * 899 kA — At $5I_{\Delta n}$ ms

Test instruments (serial numbers) used:

Earth fault loop impedance		RCD	
Insulation resistance		Multi function	
Continuity		Other	

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										✓				
2										✓				
3										✓				
4										✓				
5										✓				
6										✓				
7										✓				
8										✓				
9										✓				
10										✓	0.27			
11										✓				
12										✓				
13										✓				
14										✓				
15										✓				
16										✓				
17										✓				
18										✓				
19										✓	0.25			
20										✓	0.20			
21										✓				
22										✓				
23										✓				
24										✓				
25										✓				
26										✓				
27										✓				
28										✓				
29										✓				

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

TESTED BY

Signature:		Position:	Qualified Supervisior
Name: (CAPITALS)	KEVIN DUFFY	Date of testing:	01/07/2014

See previous page for Schedule of Circuit Details

NICEIC APPROVED CONTRACTOR

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IPN3/0438310

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: Howl office

Distribution board designation: DB P1A1

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

Supply to distribution board is from: Isolator P1A

No of phases: 3

Nominal voltage: 400 V

Overcurrent protective device for the distribution circuit:

Associated RCD (if any): BS(EN)

Type: BS(EN)

Rating: A

RCD No of poles:

$I_{\Delta n}$ mA

Circuit number and phase	Circuit designation	Type of wiring (see code)	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)
30	Blank								C	32		N/A	
31	Blank								C	32		N/A	
32	Blank								C	32		N/A	
33	Blank								C	32		N/A	
34	Blank								C	32		N/A	
35	Blank								C	32		N/A	
36	Blank								C	32		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/ cables	Mineral-insulated cables	

See next page for Schedule of Test Results

NICEIC APPROVED CONTRACTOR

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IPN3/0438310

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

Confirmation of supply polarity

** See note below*

Z_s * 0.10 Ω Operating times of associated RCD (if any) At $I_{\Delta n}$ ms

I_{pf} * 899 kA At $5I_{\Delta n}$ ms

Test instruments (serial numbers) used:

Earth fault loop impedance		RCD	
Insulation resistance		Multi function	
Continuity		Other	

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)	(✔)
30										✔				
31										✔				
32										✔				
33										✔				
34										✔				
35										✔				
36										✔				

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

TESTED BY

Signature:		Position:	Qualified Supervisior
Name: (CAPITALS)	KEVIN DUFFY	Date of testing:	01/07/2014

See previous page for Schedule of Circuit Details

NICEIC APPROVED CONTRACTOR

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

IPN3/0438310

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: Drivers Direct Kitchen

Distribution board designation: DB 0

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

Supply to distribution board is from:

No of phases: 3 Nominal voltage: 400 V

Overcurrent protective device for the distribution circuit:

Associated RCD (if any): BS(EN)

Type: BS(EN) Rating: A RCD No of poles: $I_{\Delta n}$ mA

Circuit number and phase	Circuit designation	Type of wiring (see code)	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)	Type No	Rating (A)	Short-circuit capacity (kA)	RCD Operating current, $I_{\Delta n}$ (mA)	Maximum Z_s permitted by BS 7671 (Ω)
1	Ring Final DD office	A	C	5	2.5	2.5	0.4	60898 MCB	C	32	10	N/A	
2	Ring final DD confrence room	A	C	4	2.5	2.5	0.4	60898 MCB	C	32	10	N/A	
3	Ring Final DD Kitchen	A	C	3	2.5	2.5	0.4	60898 MCB	C	32	10	N/A	
4	Spare						0.4	60898 MCB	C	32	10	N/A	
5	S/O & roller Warehouse	A	C	5	2.5	2.5	0.4	60898 MCB	C	32	10	N/A	
6	Spare						0.4	60898 MCB	C	32	10	N/A	
7	S/O DD conference room	A	C	3	2.5	2.5	0.4	60898 MCB	C	20	10	N/A	
8	Water heater	A	C	1	2.5	2.5	0.4	60898 MCB	C	20	10	N/A	
9	Spare		C					60898 MCB	C	10		N/A	
10	Spare		C					60898 MCB	C	10		N/A	
11	Spare		C					60898 MCB	C	10		N/A	
12	Lights Kitchen	A	C	3	1.5	1	0.4	60898 MCB	C	10	10	N/A	
13		A	C		1.5	1	0.4	60898 MCB	C	10	10	N/A	
14	Lights Warehouse A	A	C	3	1.5	1	0.4	60898 MCB	C	10	10	N/A	
15	Lights Warehouse B	A	C	3	1.5	1	0.4	60898 MCB	C	10	10	N/A	
16	Lights Warehouse C	A	C	4	1.5	1	0.4	60898 MCB	C	10	10	N/A	
17	Lights Warehouse D	A	C	5	1.5	1	0.4	60898 MCB	C	10	10	N/A	
18	Lights Warehouse E	A	C	6	1.5	1	0.4	60898 MCB	C	10	10	N/A	
19	Blank											N/A	
20	Blank											N/A	
21	Blank											N/A	
22	Blank											N/A	
23	Blank											N/A	
24	Blank											N/A	
25	Blank											N/A	
26	Blank											N/A	
27	Blank											N/A	
28	Blank											N/A	
29	Blank											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/ cables	Mineral-insulated cables	

See next page for Schedule of Test Results

NICEIC APPROVED CONTRACTOR

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

IPN3/0438310

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 *	0.10	Ω	Operating times of associated RCD (if any)	At $I_{\Delta n}$	ms
I_{pf} *	1.07x2	kA		At $5I_{\Delta n}$	ms

Test instruments (serial numbers) used:

Earth fault loop impedance	16103359	RCD	
Insulation resistance		Multi function	
Continuity		Other	

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						Lim	Lim	> 200	> 200	✓	0.41	N/A	N/A	
2						Lim	Lim	> 200	> 200	✓	0.46	N/A	N/A	
3						Lim	Lim	> 200	> 200	✓	0.22	N/A	N/A	
4						Lim	Lim	> 200	> 200	✓		N/A	N/A	
5						Lim	Lim	> 200	> 200	✓		N/A	N/A	
6						Lim	Lim	> 200	> 200	✓		N/A	N/A	
7						Lim	Lim	> 200	> 200	✓	0.53	N/A	N/A	
8						Lim	Lim	> 200	> 200	✓		N/A	N/A	
9						Lim	Lim	> 200	> 200	✓		N/A	N/A	
10						Lim	Lim	> 200	> 200	✓		N/A	N/A	
11						Lim	Lim	> 200	> 200	✓		N/A	N/A	
12						Lim	Lim	> 200	> 200	✓		N/A	N/A	
13						Lim	Lim	> 200	> 200	✓		N/A	N/A	
14						Lim	Lim	> 200	> 200	✓		N/A	N/A	
15						Lim	Lim	> 200	> 200	✓		N/A	N/A	
16						Lim	Lim	> 200	> 200	✓		N/A	N/A	
17						Lim	Lim	> 200	> 200	✓		N/A	N/A	
18						Lim	Lim	> 200	> 200	✓		N/A	N/A	
19						Lim	Lim	> 200	> 200	✓		N/A	N/A	
20						Lim	Lim	> 200	> 200	✓		N/A	N/A	
21						Lim	Lim	> 200	> 200	✓		N/A	N/A	
22						Lim	Lim	> 200	> 200	✓		N/A	N/A	
23						Lim	Lim	> 200	> 200	✓		N/A	N/A	
24						Lim	Lim	> 200	> 200	✓		N/A	N/A	
25						Lim	Lim	> 200	> 200	✓		N/A	N/A	
26						Lim	Lim	> 200	> 200	✓		N/A	N/A	
27						Lim	Lim	> 200	> 200	✓		N/A	N/A	
28						Lim	Lim	> 200	> 200	✓		N/A	N/A	
29						Lim	Lim	> 200	> 200	✓		N/A	N/A	

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

TESTED BY

Signature:		Position:	Qualified Supervisior
Name: (CAPITALS)	KEVIN DUFFY	Date of testing:	01/07/2014

See previous page for Schedule of Circuit Details

NICEIC APPROVED CONTRACTOR

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

IPN3/0438310

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: Drivers Direct Kitchen

Distribution board designation: DB O

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

Supply to distribution board is from:

No of phases: 3 Nominal voltage: 400 V

Overcurrent protective device for the distribution circuit:

Associated RCD (if any): BS(EN)

Type: BS(EN) Rating: A RCD No of poles: $I_{\Delta n}$ mA

Circuit number and phase	Circuit designation	Type of wiring (see code)	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)
30	Blank											N/A	
31	Blank											N/A	
32	Blank											N/A	
33	Blank											N/A	
34	Blank											N/A	
35	Blank											N/A	
36	Spare	A						60947-2 MCB	C	32		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/ cables	Mineral-insulated cables	

See next page for Schedule of Test Results

NICEIC APPROVED CONTRACTOR

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

IPN3/0438310

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 *	0.10	Ω	Operating times of associated RCD (if any)	At $I_{\Delta n}$	ms
I_{pf} *	1.07x2	kA		At $5I_{\Delta n}$	ms

Test instruments (serial numbers) used:

Earth fault loop impedance	16103359	RCD	
Insulation resistance		Multi function	
Continuity		Other	

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)	(✔)
30						Lim	Lim	> 200	> 200	✔		N/A	N/A	
31						Lim	Lim	> 200	> 200	✔		N/A	N/A	
32						Lim	Lim	> 200	> 200	✔		N/A	N/A	
33						Lim	Lim	> 200	> 200	✔		N/A	N/A	
34						Lim	Lim	> 200	> 200	✔		N/A	N/A	
35						Lim	Lim	> 200	> 200	✔		N/A	N/A	
36						Lim	Lim	> 200	> 200	✔		N/A	N/A	

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

TESTED BY

Signature:		Position:	Qualified Supervisior
Name: (CAPITALS)	KEVIN DUFFY	Date of testing:	01/07/2014

See previous page for Schedule of Circuit Details

NICEIC APPROVED CONTRACTOR

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

IPN3/0438310

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: Workshop

Distribution board designation: DB Q1

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

Supply to distribution board is from: Isolator Q1

No of phases: 3 Nominal voltage: 400 V

Overcurrent protective device for the distribution circuit:

Associated RCD (if any): BS(EN)

Type: BS(EN) Rating: A RCD No of poles: $I_{\Delta n}$ mA

Circuit number and phase	Circuit designation	Type of wiring (see code)	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)	Type No	Rating (A)	Short-circuit capacity (kA)	RCD Operating current, $I_{\Delta n}$ (mA)	Maximum Z_s permitted by BS 7671 (Ω)
1	Lights wall	A	C	2	1.5	1.5	0.4	60898 MCB	B	6	10	N/A	
2	Lights bay 1 & 2	A	C	2	1.5	1.5	0.4	60898 MCB	B	6	10	N/A	
3	Lights bay 3 & 4	A	C	2	1.5	1.5	0.4	60898 MCB	B	6	10	N/A	
4	S/O 16 Amp 3P&N	F	C	1	4	4	0.4	60898 MCB	C	32	10	N/A	
5	S/O 16 Amp 3P&N	F	C	1	4	4	0.4	60898 MCB	C	32	10	N/A	
6	S/O 16 Amp 3P&N	F	C	1	4	4	0.4	60898 MCB	C	32	10	N/A	
7	Water heater male WC (up)	F	C	1	2.5	2.5	0.4	60898 MCB	B	16	10	N/A	
8	Spur for mtce office lights & s/o	F	C	2	2.5	2.5	0.4	60898 MCB	C	32	10	N/A	
9	Blank											N/A	
10	Blank											N/A	
11	Blank											N/A	
12	Blank											N/A	
13	Lights wall	A	C	2	1.5	1.5	0.4	60898 MCB	B	6	10	N/A	
14	Lights Bay 1-4	A	C	4	1.5	1.5	0.4	60898 MCB	B	6	10	N/A	
15	S/O op wall	A	C	2	2.5	2.5	0.4	60898 MCB	B	32	10	N/A	
16	S/O wall	A	C	2	2.5	2.5	0.4	60898 MCB	C	32	10	N/A	
17	Spare		C				0.4	60898 MCB	C	32	10	N/A	
18	32A S/O	A	C	1	10	10	0.4	60898 MCB	D	40	10	N/A	
19	Water heater female WC	F	C	1	10	10	0.4	60898 MCB	B	16	10	N/A	
20	3 Phase S/O compressor	F	C	1	4	4	0.4	60898 MCB	C	32	10	N/A	
21	3 Phase S/O compressor	F	C	1	4	4	0.4	60898 MCB	C	32	10	N/A	
22	3 Phase S/O compressor	F	C	1	4	4	0.4	60898 MCB	C	32	10	N/A	
23	Blank											N/A	
24	Blank											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/ cables	Mineral-insulated cables	

See next page for Schedule of Test Results

NICEIC APPROVED CONTRACTOR

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

IPN3/0438310

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

Confirmation of supply polarity

* *See note below*

Z_s * Ω — Operating times of associated RCD (if any) — At $I_{\Delta n}$ ms

I_{pf} * kA — At $5I_{\Delta n}$ ms

Test instruments (serial numbers) used:

Earth fault loop impedance		RCD	
Insulation resistance		Multi function	
Continuity		Other	

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														
2														
3														
4														
5														
6														
7														
8														
9														
10														
11														
12														
13														
14														
15														
16														
17														
18														
19														
20														
21														
22														
23														
24														

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

TESTED BY

Signature:		Position:	
Name: (CAPITALS)		Date of testing:	

See previous page for Schedule of Circuit Details

NICEIC APPROVED CONTRACTOR

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IPN3/0438310

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: Mez Warehouse HL

Distribution board designation: DB 02A

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

Supply to distribution board is from: DB 02

No of phases: 2 Nominal voltage: 240 V

Overcurrent protective device for the distribution circuit:

Associated RCD (if any): BS(EN)

Type: BS(EN) Rating: A RCD No of poles: $I_{\Delta n}$ mA

Circuit number and phase	Circuit designation	Type of wiring (see code)	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)	Type No	Rating (A)	Short-circuit capacity (kA)	RCD Operating current, $I_{\Delta n}$ (mA)	Maximum Z_s permitted by BS 7671 (Ω)
1	Heater	F		1	2.5	2.5	0.4	60898 MCB	B	32	6	N/A	
2	S/O	F		1	2.5	2.5	0.4	60898 MCB	B	32	6	N/A	
3	S/O	F		4	2.5	2.5	0.4	60898 MCB	B	32	6	N/A	
4	S/O	F		1	2.5	2.5	0.4	60898 MCB	B	20	6	N/A	
5	Commando S/O	F		1	2.5	2.5	0.4	60898 MCB	B	20	6	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/ cables	Mineral-insulated cables	

See next page for Schedule of Test Results

APPROVED CONTRACTOR

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

IPN3/0438310

Original (To the person ordering the work)

SCHEDULE OF TEST RESULTS FOR THE PRIMARY DISTRIBUTION BOARD

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

Confirmation of supply polarity

* See note below

Z_s * Ω

I_{pf} * kA

Operating times of associated RCD (if any): At IΔn ms; At 5IΔn ms

Test instruments (serial numbers) used:

Earth fault loop impedance:

Insulation resistance:

Continuity:

RCD:

Multi function:

Other:

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 IΔn	at 5IΔn (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														
2														
3														
4														
5														

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

TESTED BY

Signature:		Position:	
Name: (CAPITALS)		Date of testing:	

See previous page for Schedule of Circuit Details

NICEIC APPROVED CONTRACTOR

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

IPN3/0438310

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: Drivers Direct rear LP cupboard

Distribution board designation: DB 02

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

Supply to distribution board is from: Isolator 02

No of phases: 3 Nominal voltage: 400 V

Overcurrent protective device for the distribution circuit:

Associated RCD (if any): BS(EN)

Type: BS(EN) Rating: A RCD No of poles: $I_{\Delta n}$ mA

Circuit number and phase	Circuit designation	Type of wiring (see code)	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)	Type No	Rating (A)	Short-circuit capacity (kA)	RCD Operating current, $I_{\Delta n}$ (mA)	Maximum Z_s permitted by BS 7671 (Ω)
1		A	C	1	2.5	2.5	0.4	60898 MCB	C	32	10	N/A	
2	Spare						0.4	60898 MCB	C	20	10	N/A	
3	S/O & FA supply	A	C	2	2.5	2.5	0.4	60898 MCB	C	32	10	N/A	
4	Blank						0.4				10	N/A	
5	Blank						0.4				10	N/A	
6	Blank						0.4				10	N/A	
7	Blank						0.4				10	N/A	
8	CCTV (in kitchen next door office)	O	C	1	1.5	1	0.4	60898 MCB	C	20	10	N/A	
9	S/O	A	C	2	2.5	2.5	0.4	60898 MCB	C	20	10	N/A	
10	Blank						0.4				10	N/A	
11	Blank						0.4				10	N/A	
12	Blank						0.4				10	N/A	
13	Blank						0.4				10	N/A	
14	Blank						0.4				10	N/A	
15	Blank						0.4				10	N/A	
16	Blank						0.4				10	N/A	
17	Blank						0.4				10	N/A	
18	Blank						0.4				10	N/A	
19	Spare						0.4	60898 MCB	C	20	10	N/A	
20	Lights next door office	A	C	4	1.5	1.5	0.4	60898 MCB	C	20	10	N/A	
21	Lights next door office	A	C	4	1.5	1.5	0.4	60898 MCB	C	20	10	N/A	
22	Lights next door office	A	C	4	1.5	1.5	0.4	60898 MCB	C	10	10	N/A	
23	Lights next door office	A	C	4	1.5	1.5	0.4	60898 MCB	C	10	10	N/A	
24	Lights next door office	A	C	4	1.5	1.5	0.4	60898 MCB	C	10	10	N/A	
25	Lights next door office	A	C	4	1.5	1.5	0.4	60898 MCB	C	10	10	N/A	
26	Spare						0.4	60898 MCB	C	10	10	N/A	
27	Spare						0.4	60898 MCB	C	32	10	N/A	
28	Spare						0.4	60898 MCB	C	32	10	N/A	
29	Spare						0.4	60898 MCB	C	32	10	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/ cables	Mineral-insulated cables	

See next page for Schedule of Test Results

NICEIC APPROVED CONTRACTOR

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

IPN3/0438310

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 *	0.10	Ω	Operating times of associated RCD (if any)	At $I_{\Delta n}$	ms
I_{pf} *	1.55x2	kA		At $5I_{\Delta n}$	ms

Test instruments (serial numbers) used:

Earth fault loop impedance	16103359	RCD	
Insulation resistance		Multi function	
Continuity		Other	

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						Lim	Lim	> 200	> 200			N/A	N/A	
2						Lim	Lim	> 200	> 200			N/A	N/A	
3					0.12	Lim	Lim	> 200	> 200	✔	0.16	N/A	N/A	
4						Lim	Lim	> 200	> 200			N/A	N/A	
5						Lim	Lim	> 200	> 200			N/A	N/A	
6						Lim	Lim	> 200	> 200			N/A	N/A	
7						Lim	Lim	> 200	> 200			N/A	N/A	
8						Lim	Lim	> 200	> 200			N/A	N/A	
9						Lim	Lim	> 200	> 200			N/A	N/A	
10						Lim	Lim	> 200	> 200			N/A	N/A	
11						Lim	Lim	> 200	> 200			N/A	N/A	
12						Lim	Lim	> 200	> 200			N/A	N/A	
13						Lim	Lim	> 200	> 200			N/A	N/A	
14						Lim	Lim	> 200	> 200			N/A	N/A	
15						Lim	Lim	> 200	> 200			N/A	N/A	
16						Lim	Lim	> 200	> 200			N/A	N/A	
17						Lim	Lim	> 200	> 200			N/A	N/A	
18						Lim	Lim	> 200	> 200			N/A	N/A	
19						Lim	Lim	> 200	> 200			N/A	N/A	
20						Lim	Lim	> 200	> 200			N/A	N/A	
21						Lim	Lim	> 200	> 200			N/A	N/A	
22						Lim	Lim	> 200	> 200			N/A	N/A	
23						Lim	Lim	> 200	> 200			N/A	N/A	
24						Lim	Lim	> 200	> 200			N/A	N/A	
25						Lim	Lim	> 200	> 200			N/A	N/A	
26						Lim	Lim	> 200	> 200			N/A	N/A	
27						Lim	Lim	> 200	> 200			N/A	N/A	
28						Lim	Lim	> 200	> 200			N/A	N/A	
29						Lim	Lim	> 200	> 200			N/A	N/A	

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

TESTED BY

Signature:		Position:	Qualified Supervisior
Name: (CAPITALS)	KEVIN DUFFY	Date of testing:	01/07/2014

See previous page for Schedule of Circuit Details

NICEIC APPROVED CONTRACTOR

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

IPN3/0438310

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: Drivers Direct rear LP cupboard

Distribution board designation: DB 02

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

Supply to distribution board is from: Isolator 02

No of phases: 3 Nominal voltage: 400 V

Overcurrent protective device for the distribution circuit:

Associated RCD (if any): BS(EN)

Type: BS(EN) Rating: A RCD No of poles: $I_{\Delta n}$ mA

Circuit number and phase	Circuit designation	Type of wiring (see code)	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)	Type No	Rating (A)	Short-circuit capacity (kA)	RCD Operating current, $I_{\Delta n}$ (mA)	Maximum Z_s permitted by BS 7671 (Ω)
30	Spare						0.4	60898 MCB	C	32	10	N/A	
31	Spare						0.4	60898 MCB	C	32	10	N/A	
32	Spare						0.4	60898 MCB	C	32	10	N/A	
33	DB 02A (in mez warehouse	F	C	1	4	4	0.4	60898 MCB	C	50	10	N/A	
34	Spare						0.4	61009 RCD/RCBO	C	10	10	N/A	
35	Spare						0.4	61009 RCD/RCBO	C	32	10	N/A	
36	Spare						0.4	61009 RCD/RCBO	C	32	10	N/A	
							0.4				10	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/ cables	Mineral-insulated cables	

See next page for Schedule of Test Results

NICEIC APPROVED CONTRACTOR

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

IPN3/0438310

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	* 0.10	Ω	Operating times of associated RCD (if any)	At $I_{\Delta n}$	ms
I_{pf}	* 1.55x2	kA		At $5I_{\Delta n}$	ms

Test instruments (serial numbers) used:

Earth fault loop impedance	16103359	RCD	
Insulation resistance		Multi function	
Continuity		Other	

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)	(✓)
30						Lim	Lim	> 200	> 200			N/A	N/A	
31						Lim	Lim	> 200	> 200			N/A	N/A	
32						Lim	Lim	> 200	> 200			N/A	N/A	
33						Lim	Lim	> 200	> 200			N/A	N/A	
34						Lim	Lim	> 200	> 200			N/A	N/A	
35						Lim	Lim	> 200	> 200			N/A	N/A	
36						Lim	Lim	> 200	> 200			N/A	N/A	
						Lim	Lim	> 200	> 200			N/A	N/A	
						Lim	Lim	> 200	> 200			N/A	N/A	

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

TESTED BY

Signature:		Position:	Qualified Supervisior
Name: (CAPITALS)	KEVIN DUFFY	Date of testing:	01/07/2014

See previous page for Schedule of Circuit Details

NICEIC APPROVED CONTRACTOR

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

IPN3/0438310

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: Face2face office

Distribution board designation: DB R1

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

Supply to distribution board is from: Isolator R

No of phases: 3 Nominal voltage: 400 V

Overcurrent protective device for the distribution circuit:

Associated RCD (if any): BS(EN)

Type: BS(EN) Rating: A RCD No of poles: $I_{\Delta n}$ mA

Circuit number and phase	Circuit designation	Type of wiring (see code)	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)	Type No	Rating (A)	Short-circuit capacity (kA)	RCD Operating current, $I_{\Delta n}$ (mA)	Maximum Z_s permitted by BS 7671 (Ω)
1	S/O external	F	C	1	2.5	2.5	0.4	60898 MCB	B	32	6	N/A	
2	Spare						0.4	60898 MCB	B	32	6	N/A	
3	Light external	F	C	2	2.5	2.5	0.4	60898 MCB	B	32	6	N/A	
4							0.4	60898 MCB	D	32	10	N/A	
5							0.4	60898 MCB	B	6	6	N/A	
6	Fan heater	A	C	1	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	
7	Lights external	F	C	2	2.5	1.5	0.4	60898 MCB	B	32	6	N/A	
8	Alarrm	F	C	1	2.5	2.5	0.4	60898 MCB	B	16	6	N/A	
9	Blank						0.4					N/A	
10	Lights (F2F office & corridor)	A	C	4	1.5	1	0.4	60898 MCB	C	6	10	N/A	
11	Ring final (F2F office)	A	C	5	2.5	1.5	0.4	60898 MCB	C	32	10	N/A	
12	RCD S/O warehouse behind office	F	C	1	2.5	2.5	0.4	60898 MCB	C	20	10	N/A	
13		F					0.4					N/A	
14	Roller Shutter	F	C	1	2.5	2.5	0.4	60898 MCB	D	32	10	N/A	
15		F	C				0.4					N/A	
16	Supply DB R1A (Argos front office)	F	C	1	4	4	0.4	60898 MCB	D	63	10	N/A	
17	Blank						0.4					N/A	
18	Blank						0.4					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/ cables	Mineral-insulated cables	

See next page for Schedule of Test Results

APPROVED CONTRACTOR

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IPN3/0438310

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 * 0.10	Ω	Operating times of associated RCD (if any)	At $I_{\Delta n}$		ms
I_{pf} * 1.14x2	kA		At $5I_{\Delta n}$		ms

Test instruments (serial numbers) used:

Earth fault loop impedance	16103359	RCD	
Insulation resistance		Multi function	
Continuity		Other	

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						Lim	Lim	> 200	> 200	✔				
2						Lim	Lim	> 200	> 200	✔				
3						Lim	Lim	> 200	> 200	✔				
4						Lim	Lim	> 200	> 200	✔				
5						Lim	Lim	> 200	> 200	✔				
6						Lim	Lim	> 200	> 200	✔				
7						Lim	Lim	> 200	> 200	✔				
8						Lim	Lim	> 200	> 200	✔				
9						Lim	Lim	> 200	> 200	✔				
10						Lim	Lim	> 200	> 200	✔				
11						Lim	Lim	> 200	> 200	✔	0.21			
12						Lim	Lim	> 200	> 200	✔				
13						Lim	Lim	> 200	> 200	✔				
14						Lim	Lim	> 200	> 200	✔				
15						Lim	Lim	> 200	> 200	✔				
16						Lim	Lim	> 200	> 200	✔				
17						Lim	Lim	> 200	> 200	✔				
18						Lim	Lim	> 200	> 200	✔				
						Lim	Lim	> 200	> 200	✔				

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

TESTED BY

Signature:		Position:	Qualified Supervisior
Name: (CAPITALS)	KEVIN DUFFY	Date of testing:	01/07/2014

See previous page for Schedule of Circuit Details

NICEIC APPROVED CONTRACTOR

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IPN3/0438310

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: Argos Fnt office

Distribution board designation: DB R1A

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

Supply to distribution board is from: DB R2 F2F office

No of phases: 2 Nominal voltage: 240 V

Overcurrent protective device for the distribution circuit:

Associated RCD (if any): BS(EN)

Type: BS(EN) Rating: A

RCD No of poles: $I_{\Delta n}$ mA

Circuit number and phase	Circuit designation	Type of wiring (see code)	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	RF Kitchen & Office	A	B		2.5	1.5	0.4	60898 MCB	B	32	6		
2	Dado S/O	A	B		2.5	1.5	0.4	60898 MCB	B	32	6		
3	Water heater (kitchen)	A	B		2.5	1.5	0.4	60898 MCB	B	20	6		
4	S/O office (rear wall)	A	B		2.5	1.5	0.4	60898 MCB	B	32	6		
5	Lights office & Kitchen	A	B		1.5	1.5	0.4	60898 MCB	B	10	6		
	Blank						0.4						

** 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/ cables	Mineral-insulated cables	

See next page for Schedule of Test Results

NICEIC APPROVED CONTRACTOR

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IPN3/0438310

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 *	0.10	Ω	Operating times of associated RCD (if any)	At $I_{\Delta n}$	ms
I_{pf} *	1.94	kA		At $5I_{\Delta n}$	ms

Test instruments (serial numbers) used:

Earth fault loop impedance	16103359	RCD	
Insulation resistance		Multi function	
Continuity		Other	

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						Lim	Lim	Lim	Lim	✔	0.12			
2						Lim	Lim	Lim	Lim	✔				
3						Lim	Lim	Lim	Lim	✔				
4						Lim	Lim	Lim	Lim	✔				
5						Lim	Lim	Lim	Lim	✔				
						Lim	Lim	Lim	Lim					

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

TESTED BY

Signature:		Position:	Qualified Supervisior
Name: (CAPITALS)	KEVIN DUFFY	Date of testing:	01/07/2014

See previous page for Schedule of Circuit Details

NICEIC APPROVED CONTRACTOR

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

IPN3/0438310

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: Mez area

Distribution board designation: DB R2

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

Supply to distribution board is from: Isolator R2

No of phases: 3 Nominal voltage: 400 V

Overcurrent protective device for the distribution circuit:

Associated RCD (if any): BS(EN)

Type: BS(EN) Rating: A RCD No of poles: $I_{\Delta n}$ mA

Circuit number and phase	Circuit designation	Type of wiring (see code)	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	S/O Q1-3	A	C	3	2.5	1.5	0.4	60898 MCB	D	32	10	N/A	
2	S/O S 1-3	A	C	3	2.5	1.5	0.4	60898 MCB	D	32	10	N/A	
3	AC 9	A	C	1	2.5	2.5	0.4	60898 MCB	D	32	10	N/A	
4	Lights Room C	A	C	4	2.5	1.5	0.4	60898 MCB	C	6	10	N/A	
5	Blank						0.4				10	N/A	
6	Blank						0.4	60898 MCB			10	N/A	
7	S/O V 1-3	A	C	3	2.5	1.5	0.4	60898 MCB	D	32	10	N/A	
8	S/O X 1-3	A	C	3	2.5	1.5	0.4	60898 MCB	D	32	10	N/A	
9	AC 11	A	C	1	2.5	2.5	0.4	60898 MCB	D	32	10	N/A	
10	S/O R 1-3	A	C	3	2.5	1.5	0.4	60898 MCB	D	32	10	N/A	
11	S/O T 1-3	A	C	3	2.5	1.5	0.4	60898 MCB	D	32	10	N/A	
12	AC 10	A	C	1	2.5	2.5	0.4	60898 MCB	D	32	10	N/A	
13	Lights D	A	C	4	2.5	1.5	0.4	60898 MCB	C	6	10	N/A	
14	Blank						0.4				10	N/A	
15	Blank						0.4				10	N/A	
16	S/O W 1-3	A	C	3	2.5	1.5	0.4	60898 MCB	D	32	10	N/A	
17	S/O Y 1-3	A	C	3	2.5	1.5	0.4	60898 MCB	D	32	10	N/A	
18	AC 12	A	C	1	2.5	2.5	0.4	60898 MCB	D	32	10	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/ cables	Mineral-insulated cables	

See next page for Schedule of Test Results

APPROVED CONTRACTOR

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

IPN3/0438310

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

Confirmation of supply polarity

** See note below*

Z_s * Ω — Operating times of associated RCD (if any) — At $I_{\Delta n}$ ms

I_{pf} * kA — At $5I_{\Delta n}$ ms

Test instruments (serial numbers) used:

Earth fault loop impedance		RCD	
Insulation resistance		Multi function	
Continuity		Other	

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														
2														
3														
4														
5														
6														
7														
8														
9														
10														
11														
12														
13														
14														
15														
16														
17														
18														

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

TESTED BY

Signature:		Position:	
Name: (CAPITALS)		Date of testing:	

See previous page for Schedule of Circuit Details

NICEIC APPROVED CONTRACTOR

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

IPN3/0438310

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: Mezz Floor fridge area

Distribution board designation: DB R3

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

Supply to distribution board is from: Isolator R3

No of phases: 3 Nominal voltage: 400 V

Overcurrent protective device for the distribution circuit:

Associated RCD (if any): BS(EN)

Type: BS(EN) Rating: 125 A RCD No of poles: $I_{\Delta n}$ mA

Circuit number and phase	Circuit designation	Type of wiring (see code)	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	A/C 1	F	C	1	4	4	0.4	60898 MCB	C	16	10	N/A	
2	A/C 2	F	C	1	4	4	0.4	60898 MCB	C	16	10	N/A	
3	Blank												
4	Blank												
5	Blank												
6	Blank												
7	Blank												
8	Blank												
9	Blank												
10	Blank												
11	Blank												
12	Blank												
13	Blank												
14	Blank												
15	Blank												
16	Blank												
17	Blank												
18	Blank												

** 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/ cables	Mineral-insulated cables	

See next page for Schedule of Test Results

APPROVED CONTRACTOR

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

IPN3/0438310

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

Confirmation of supply polarity

** See note below*

Z_s * Ω — Operating times of associated RCD (if any) — At $I_{\Delta n}$ ms

I_{pf} * kA — At $5I_{\Delta n}$ ms

Test instruments (serial numbers) used:

Earth fault loop impedance		RCD	
Insulation resistance		Multi function	
Continuity		Other	

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														
2														
3														
4														
5														
6														
7														
8														
9														
10														
11														
12														
13														
14														
15														
16														
17														
18														

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

TESTED BY

Signature:		Position:	
Name: (CAPITALS)		Date of testing:	

See previous page for Schedule of Circuit Details

NICEIC APPROVED CONTRACTOR

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

IPN3/0438310

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: WH C

Distribution board designation: DB V1

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

Supply to distribution board is from: Isolator V1

No of phases: 3 Nominal voltage: 400 V

Overcurrent protective device for the distribution circuit:

Associated RCD (if any): BS(EN)

Type: BS(EN) Rating: A RCD No of poles: $I_{\Delta n}$ mA

Circuit number and phase	Circuit designation	Type of wiring (see code)	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	Lights external	A	C	4	2.5	2.5	0.4	60947-2 MCB	C	10	10	N/A	
2	Blank												
3	Blank												
4	Blank												
5	Blank												
6	Blank												
7	Blank												
8	Blank												
9	Blank												
10	Blank												
11	Blank												
12	Blank												
13	Blank												
14	Blank												
15	Blank												
16	Blank				10	10	0.4	60898 MCB	C	50	10	N/A	
17	S/O & Fused Spur	A	C	2	2.5	2.5	0.4	61009 RCD/RCBO	C	32	10	N/A	
18	S/O below	A	C	2	2.5	2.5	0.4	61009 RCD/RCBO	B	16	10	N/A	
19	Warehouse lights	A	C	3	1.5	1.5	0.4	60898 MCB	C	10	10	N/A	
20	Warehouse lights	A	C	3	1.5	1.5	0.4	60898 MCB	C	16	10	N/A	
21	Warehouse lights	A	C	3	1.5	1.5	0.4	60898 MCB	C	16	10	N/A	
22	Warehouse lights	A	C	3	1.5	1.5	0.4	60898 MCB	C	16	10	N/A	
23	Warehouse lights	A	C	3	1.5	1.5	0.4	60898 MCB	C	10	10	N/A	
24	Warehouse lights	A	C	3	1.5	1.5	0.4	60898 MCB	C	10	10	N/A	
25	Warehouse lights	A	C	3	1.5	1.5	0.4	60898 MCB	C	10	10	N/A	
26	Warehouse lights	A	C	3	1.5	1.5	0.4	60898 MCB	C	10	10	N/A	
27	Warehouse lights	A	C	3	1.5	1.5	0.4	60898 MCB	C	10	10	N/A	
28	Warehouse lights	A	C	3	1.5	1.5	0.4	60898 MCB	C	10	10	N/A	
29	Warehouse lights	A	C	3	1.5	1.5	0.4	60898 MCB	C	10	10	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/ cables	Mineral-insulated cables	

See next page for Schedule of Test Results

NICEIC APPROVED CONTRACTOR

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

IPN3/0438310

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 *		Ω	Operating times of associated RCD (if any)	At $I_{\Delta n}$	ms
I_{pf} *	1.55	kA		At $5I_{\Delta n}$	ms

Test instruments (serial numbers) used:

Earth fault loop impedance	16103359	RCD	
Insulation resistance		Multi function	
Continuity		Other	

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										✓				
2										✓				
3										✓				
4										✓				
5										✓				
6										✓				
7										✓				
8										✓				
9										✓				
10										✓				
11										✓				
12										✓				
13										✓				
14										✓				
15										✓				
16										✓				
17										✓	0.18	60	28	✓
18										✓	0.16	60	34	✓
19										✓				
20										✓				
21										✓				
22										✓				
23										✓				
24										✓				
25										✓				
26										✓				
27										✓				
28										✓				
29										✓				

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

TESTED BY

Signature:		Position:	Qualified Supervisior
Name: (CAPITALS)	KEVIN DUFFY	Date of testing:	01/07/2014

See previous page for Schedule of Circuit Details

NICEIC APPROVED CONTRACTOR

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

IPN3/0438310

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: WH C

Distribution board designation: DB V1

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

Supply to distribution board is from: Isolator V1

No of phases: 3 Nominal voltage: 400 V

Overcurrent protective device for the distribution circuit:

Associated RCD (if any): BS(EN)

Type: BS(EN) Rating: A RCD No of poles: $I_{\Delta n}$ mA

Circuit number and phase	Circuit designation	Type of wiring (see code)	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)
30	Warehouse lights	A	C	3	1.5	1.5	0.4	60898 MCB	C	10	10	N/A	
31	Warehouse lights	A	C	3	1.5	1.5	0.4	60898 MCB	C	10	10	N/A	
32	Warehouse lights	A	C	3	1.5	1.5	0.4	60898 MCB	C	20	10	N/A	
33	Warehouse lights	A	C	3	1.5	1.5	0.4	60898 MCB	C	10	10	N/A	
34	Warehouse lights	A	C	3	1.5	1.5	0.4	60898 MCB	C	10	10	N/A	
35	Warehouse lights	A	C	3	1.5	1.5	0.4	60898 MCB	C	10	10	N/A	
36	Warehouse lights	A	C	3	1.5	1.5	0.4	60898 MCB	C	10	10	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/ cables	Mineral-insulated cables	

See next page for Schedule of Test Results

NICEIC APPROVED CONTRACTOR

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

IPN3/0438310

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 *		Ω	Operating times of associated RCD (if any)	At $I_{\Delta n}$	ms
I_{pf} *	1.55	kA		At $5I_{\Delta n}$	ms

Test instruments (serial numbers) used:

Earth fault loop impedance	16103359	RCD	
Insulation resistance		Multi function	
Continuity		Other	

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)	(✔)
30										✔				
31										✔				
32										✔				
33										✔				
34										✔				
35										✔				
36										✔				

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

TESTED BY

Signature:		Position:	Qualified Supervisior
Name: (CAPITALS)	KEVIN DUFFY	Date of testing:	01/07/2014

See previous page for Schedule of Circuit Details

NICEIC APPROVED CONTRACTOR

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IPN3/0438310

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: Warehouse C front HL

Distribution board designation: DB V5

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

Supply to distribution board is from: Iso V5

No of phases: 3 Nominal voltage: 400 V

Overcurrent protective device for the distribution circuit:

Associated RCD (if any): BS(EN)

Type: BS(EN) Rating: A RCD No of poles: $I_{\Delta n}$ mA

Circuit number and phase	Circuit designation	Type of wiring (see code)	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)	Type No	Rating (A)	Short-circuit capacity (kA)	RCD Operating current, $I_{\Delta n}$ (mA)	Maximum Z_s permitted by BS 7671 (Ω)
1	S/O	F	C		2.5	2.5		60898 MCB	D	32	10	N/A	
2	Spare							60898 MCB	D	32	10	N/A	
3	Spare							60898 MCB	D	32	10	N/A	
4	Spare							60898 MCB	D	32	10	N/A	
5	Spare							60898 MCB	D	32	10	N/A	
6	Spare							60898 MCB	D	32	10	N/A	
7	Spare							60898 MCB	D	32	10	N/A	
8	Spare							60898 MCB	D	32	10	N/A	
9	Spare							60898 MCB	B	40	10	N/A	
10	Roller Shutter	F	C		2.5	2.5		60898 MCB	C	16	10	N/A	
11	Roller Shutter	F	C		2.5	2.5		60898 MCB	C	16	10	N/A	
12	Roller Shutter	F	C		2.5	2.5		60898 MCB	C	16	10	N/A	
13	Blank												
14	Blank												
15	Blank												
16	Blank												
17	Blank												
18	Blank												
19	No1 Battery charger	F	C		4	4		60898 MCB	C	32	10	N/A	
20	No1 Battery charger	F	C		4	4		60898 MCB	C	32	10	N/A	
21	No1 Battery charger	F	C		4	4		60898 MCB	C	32	10	N/A	
22	Spare							60898 MCB	C	32	10	N/A	
23	Spare							60898 MCB	C	32	10	N/A	
24	Spare							60898 MCB	C	32	10	N/A	
25	S/O	F	C					60898 MCB	D	32	10	N/A	
26	S/O	F	C					60898 MCB	D	32	10	N/A	
27	Lights	F	C		1.5	1.5		60898 MCB	B	6	10	N/A	
28	Gas heater	F	C		4	4		60898 MCB	C	16	10	N/A	
29	Gas heater	F	C		4	4		60898 MCB	C	16	10	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/ cables	Mineral-insulated cables	

See next page for Schedule of Test Results

NICEIC APPROVED CONTRACTOR

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IPN3/0438310

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	* 0.10	Ω	Operating times of associated RCD (if any)	At $I_{\Delta n}$	ms
I_{pf}	* 705	kA		At $5I_{\Delta n}$	ms

Test instruments (serial numbers) used:

Earth fault loop impedance	16103359	RCD	
Insulation resistance		Multi function	
Continuity		Other	

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										✓				
2										✓				
3										✓				
4										✓				
5										✓				
6														
7										✓				
8										✓				
9										✓				
10										✓				
11										✓				
12										✓				
13										✓				
14										✓				
15										✓				
16										✓				
17										✓				
18										✓				
19										✓				
20										✓				
21										✓				
22										✓				
23										✓				
24										✓				
25										✓				
26										✓	0.34			
27										✓				
28										✓				
29										✓				

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

TESTED BY

Signature:		Position:	Qualified Supervisior
Name: (CAPITALS)	KEVIN DUFFY	Date of testing:	01/07/2014

See previous page for Schedule of Circuit Details

NICEIC APPROVED CONTRACTOR

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

IPN3/0438310

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: Warehouse C front HL

Distribution board designation: DB V5

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

Supply to distribution board is from: Iso V5

No of phases: 3 Nominal voltage: 400 V

Overcurrent protective device for the distribution circuit:

Associated RCD (if any): BS(EN)

Type: BS(EN) Rating: A RCD No of poles: $I_{\Delta n}$ mA

Circuit number and phase	Circuit designation	Type of wiring (see code)	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)
30	Gas heater	F	C		4	4		60898 MCB	C	16	10	N/A	
31	Blank												
32	Blank												
33	Blank												
34	Blank												
35	Blank												
36	Blank												

** 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/ cables	Mineral-insulated cables	

See next page for Schedule of Test Results

NICEIC APPROVED CONTRACTOR

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

IPN3/0438310

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	* 0.10	Ω	Operating times of associated RCD (if any)	At $I_{\Delta n}$	ms
I_{pf}	* 705	kA		At $5I_{\Delta n}$	ms

Test instruments (serial numbers) used:

Earth fault loop impedance	16103359	RCD	
Insulation resistance		Multi function	
Continuity		Other	

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)	(✔)
30										✔				
31										✔				
32										✔				
33										✔				
34										✔				
35										✔				
36										✔				
										✔				

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

TESTED BY

Signature:		Position:	Qualified Supervisior
Name: (CAPITALS)	KEVIN DUFFY	Date of testing:	01/07/2014

See previous page for Schedule of Circuit Details

NICEIC APPROVED CONTRACTOR

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

IPN3/0438310

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: WH A rear HL

Distribution board designation: DB X3

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

Supply to distribution board is from: Isolator X3

No of phases: 2 Nominal voltage: 400 V

Overcurrent protective device for the distribution circuit:

Associated RCD (if any): BS(EN)

Type: BS(EN) Rating: A RCD No of poles: $I_{\Delta n}$ mA

Circuit number and phase	Circuit designation	Type of wiring (see code)	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)	Type No	Rating (A)	Short-circuit capacity (kA)	RCD Operating current, $I_{\Delta n}$ (mA)	Maximum Z_s permitted by BS 7671 (Ω)
1	Outside socket RF	E	C	3	2.5	2.5	0.4	60898 MCB	B	32	6	N/A	
2	Outside socket	E	C	2	2.5	2.5	0.4	60898 MCB	B	20	6	N/A	
3	Spare							60898 MCB	B	32	6	N/A	
4	Blank											N/A	
5	Socket O/L below DB	F	C	1	1.5	1.5	0.4	60898 MCB	B	16	6	N/A	
6	Fire Alarm	O	C	1	2.5	1.5	0.4	60898 MCB	B	16	6	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/ cables	Mineral-insulated cables	

See next page for Schedule of Test Results

APPROVED CONTRACTOR

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

IPN3/0438310

Original (To the person ordering the work)

SCHEDULE OF TEST RESULTS FOR THE PRIMARY DISTRIBUTION BOARD

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	* 0.10	Ω	Operating times of associated RCD (if any)	At $I_{\Delta n}$	ms
I_{pf}	* 752x2	kA		At $5I_{\Delta n}$	ms

Test instruments (serial numbers) used:

Earth fault loop impedance	16103359	RCD	
Insulation resistance		Multi function	
Continuity		Other	

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	Lim	Lim	Lim	✔				
2						N/A	Lim	Lim	Lim	✔	0.32			
3						N/A	Lim	Lim	Lim	✔				
4						N/A	Lim	Lim	Lim	✔				
5						N/A	Lim	Lim	Lim	✔				
6						N/A	Lim	Lim	Lim	✔				

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

TESTED BY

Signature:		Position:	Qualified Supervisior
Name: (CAPITALS)	KEVIN DUFFY	Date of testing:	01/07/2014

See previous page for Schedule of Circuit Details

NICEIC APPROVED CONTRACTOR

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

IPN3/0438310

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: WH B

Distribution board designation: DB Y1

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

Supply to distribution board is from: Isolator Y1

No of phases: 3 Nominal voltage: 400 V

Overcurrent protective device for the distribution circuit:

Associated RCD (if any): BS(EN)

Type: BS(EN) Rating: A RCD No of poles: $I_{\Delta n}$ mA

Circuit number and phase	Circuit designation	Type of wiring (see code)	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)	Type No	Rating (A)	Short-circuit capacity (kA)	RCD Operating current, $I_{\Delta n}$ (mA)	Maximum Z_s permitted by BS 7671 (Ω)
1	Lights Main warehouse	A	C	3	1.5	1.5	0.4	60898 MCB	C	6	10	N/A	
2	Lights Main warehouse	A	C	3	1.5	1.5	0.4	60898 MCB	C	6	10	N/A	
3	Lights Main warehouse	A	C	3	1.5	1.5	0.4	60898 MCB	C	6	10	N/A	
4	Lights Main warehouse	A	C	3	1.5	1.5	0.4	60898 MCB	C	10	10	N/A	
5	Lights Main warehouse	A	C	3	1.5	1.5	0.4	60898 MCB	C	6	10	N/A	
6	Lights Main warehouse	A	C	3	1.5	1.5	0.4	60898 MCB	C	6	10	N/A	
7	Lights Main warehouse	A	C	3	1.5	1.5	0.4	60898 MCB	C	6	10	N/A	
8	Lights Main warehouse	A	C	3	1.5	1.5	0.4	60898 MCB	C	6	10	N/A	
9	Lights Main warehouse	A	C	3	1.5	1.5	0.4	60898 MCB	C	6	10	N/A	
10	Lights Main warehouse EM	A	C	3	1.5	1.5	0.4	60898 MCB	C	10	10	N/A	
11	Lights Main warehouse	A	C	3	1.5	1.5	0.4	60898 MCB	C	10	10	N/A	
12	Lights Main warehouse	A	C	3	1.5	1.5	0.4	60898 MCB	C	10	10	N/A	
13	Lights Main warehouse	A	C	3	1.5	1.5	0.4	60898 MCB	C	10	10	N/A	
14	Lights Main warehouse	A	C	3	1.5	1.5	0.4	60898 MCB	C	10	10	N/A	
15	Lights Main warehouse	A	C	3	1.5	1.5	0.4	60898 MCB	C	10	10	N/A	
16	Lights Main warehouse	A	C	3	1.5	1.5	0.4	60898 MCB	C	10	10	N/A	
17	Lights Main warehouse	A	C	3	1.5	1.5	0.4	60898 MCB	C	10	10	N/A	
18	Lights Main warehouse	A	C	3	1.5	1.5	0.4	60898 MCB	C	10	10	N/A	
19	Fork lift charger	F	C	1	4	4	0.4	60898 MCB	C	32	10	N/A	
20	Fork lift charger	F	C	1	4	4	0.4	60898 MCB	C	32	10	N/A	
21	Fork lift charger	F	C	1	4	4	0.4	60898 MCB	C	32	10	N/A	
22	Heater 4	F	C	1	4	4	0.4	60898 MCB	C	20	10	N/A	
23	Heater 4	F	C	1	4	4	0.4	60898 MCB	C	20	10	N/A	
24	Heater 4	F	C	1	4	4	0.4	60898 MCB	C	20	10	N/A	
25	Heater 3	F	C	1	4	4	0.4	60898 MCB	C	20	10	N/A	
26	Heater 3	F	C	1	4	4	0.4	60898 MCB	C	20	10	N/A	
27	Heater 3	F	C	1	4	4	0.4	60898 MCB	C	20	10	N/A	
28	Heater 2	F	C	1	4	4	0.4	60898 MCB	C	20	10	N/A	
29	Heater 2	F	C	1	4	4	0.4	60898 MCB	C	20	10	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/ cables	Mineral-insulated cables	

See next page for Schedule of Test Results

APPROVED CONTRACTOR

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

IPN3/0438310

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 *		Ω	Operating times of associated RCD (if any)	At $I_{\Delta n}$	ms
I_{pf} *	2.02	kA		At $5I_{\Delta n}$	ms

Test instruments (serial numbers) used:

Earth fault loop impedance	16103359	RCD	
Insulation resistance		Multi function	
Continuity		Other	

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										✓				
2										✓				
3										✓				
4										✓				
5										✓				
6										✓				
7										✓				
8										✓				
9										✓				
10										✓				
11										✓				
12										✓				
13										✓				
14										✓				
15										✓				
16										✓				
17										✓				
18										✓				
19										✓				
20										✓				
21										✓				
22										✓				
23										✓				
24										✓				
25										✓				
26										✓				
27										✓				
28										✓				
29										✓				

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

TESTED BY

Signature:		Position:	Qualified Supervisior
Name: (CAPITALS)	KEVIN DUFFY	Date of testing:	01/07/2014

See previous page for Schedule of Circuit Details

NICEIC APPROVED CONTRACTOR

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

IPN3/0438310

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: WH B

Distribution board designation: DB Y1

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

Supply to distribution board is from: Isolator Y1

No of phases: 3 Nominal voltage: 400 V

Overcurrent protective device for the distribution circuit:

Associated RCD (if any): BS(EN)

Type: BS(EN) Rating: A RCD No of poles: $I_{\Delta n}$ mA

Circuit number and phase	Circuit designation	Type of wiring (see code)	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)
30	Heater 2	F	C	1	4	4	0.4	60898 MCB	C	20	10	N/A	
31	Bailing Machine	F	C	1	4	4	0.4	60898 MCB	C	20	10	N/A	
32	Bailing Machine	F	C	1	4	4	0.4	60898 MCB	C	20	10	N/A	
33	Bailing Machine	F	C	1	4	4	0.4	60898 MCB	C	20	10	N/A	
34	FA spur		C	1	1.5	4	0.4	60898 MCB	C	6	10	N/A	
35	Lights external front via contactor		C	1	2.5	2.5	0.4	61009 RCD/RCBO	C	32	10	30	
36	S/O below		C	1	2.5	2.5	0.4	61009 RCD/RCBO	C	32	10	30	

** 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/ cables	Mineral-insulated cables	

See next page for Schedule of Test Results

NICEIC APPROVED CONTRACTOR

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IPN3/0438310

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 *	Ω	Operating times of associated RCD (if any)	At $I_{\Delta n}$		ms
I_{pf} * 2.02	kA		At $5I_{\Delta n}$		ms

Test instruments (serial numbers) used:

Earth fault loop impedance	16103359	RCD	
Insulation resistance		Multi function	
Continuity		Other	

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)	(✔)
30										✔				
31										✔				
32										✔				
33										✔				
34										✔				
35										✔				
36										✔	0.12	37	38	✔

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

TESTED BY

Signature:		Position:	Qualified Supervisior
Name: (CAPITALS)	KEVIN DUFFY	Date of testing:	01/07/2014

See previous page for Schedule of Circuit Details

NICEIC APPROVED CONTRACTOR

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IPN3/0438310

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: Warehouse A small area

Distribution board designation: DB X2

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

Supply to distribution board is from: Isolator X2 — No of phases: 3 — Nominal voltage: 400 V

Overcurrent protective device for the distribution circuit: — Associated RCD (if any): BS(EN):

Type: BS(EN): — Rating: A — RCD No of poles: — $I_{\Delta n}$ mA

Circuit number and phase	Circuit designation	Type of wiring (see code)	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)	Type No	Rating (A)	Short-circuit capacity (kA)	RCD Operating current, $I_{\Delta n}$ (mA)	Maximum Z_s permitted by BS 7671 (Ω)
1	Front Bay commando sockets	F	C	1	2.5	2.5	2.5	60898 MCB	C	25	10	N/A	
2	Front Bay commando sockets	F	C	1	2.5	2.5	2.5	60898 MCB	C	25	10	N/A	
3	Front Bay commando sockets	F	C	1	2.5	2.5	2.5	60898 MCB	C	25	10	N/A	
4	Front Bay commando sockets	F	C	1	2.5	2.5	2.5	60898 MCB	C	25	10	N/A	
5	Front Bay commando sockets	F	C	1	2.5	2.5	2.5	60898 MCB	C	25	10	N/A	
6	Front Bay commando sockets	F	C	1	2.5	2.5	2.5	60898 MCB	C	25	10	N/A	
7	Front Bay commando sockets	F	C	1	2.5	2.5	2.5	60898 MCB	C	25	10	N/A	
8	Front Bay commando sockets	F	C	1	2.5	2.5	2.5	60898 MCB	C	25	10	N/A	
9	Front Bay commando sockets	F	C	1	2.5	2.5	2.5	60898 MCB	C	25	10	N/A	
10	Blank											N/A	
11	Blank											N/A	
12	Blank											N/A	
13			C	1	2.5	2.5	2.5	60898 MCB	C	6	10	N/A	
14			C	1	2.5	2.5	2.5	60898 MCB	C	32	10	N/A	
15	S/O wall		C	1	2.5	2.5	2.5	60898 MCB	C	32	10	N/A	
16	Heater blowers	F	C	1	2.5	2.5	2.5	60898 MCB	C	6	10	N/A	
17	Heater blowers	F	C	1	2.5	2.5	2.5	60898 MCB	C	6	10	N/A	
18	S/O below		C	1	2.5	2.5	2.5	60947-2 MCB	C	32	10	N/A	
19	Lights main warehouse		C	3	1.5	1.5	1.5	60898 MCB	C	10	10	N/A	
20	Lights main warehouse		C	3	1.5	1.5	1.5	60898 MCB	C	10	10	N/A	
21	Lights main warehouse		C	3	1.5	1.5	1.5	60898 MCB	C	10	10	N/A	
22	Lights main warehouse		C	3	1.5	1.5	1.5	60898 MCB	C	10	10	N/A	
23	Lights main warehouse		C	3	1.5	1.5	1.5	60898 MCB	C	10	10	N/A	
24	Lights main warehouse		C	3	1.5	1.5	1.5	60898 MCB	C	10	10	N/A	
25	Lights main warehouse		C	3	1.5	1.5	1.5	60898 MCB	C	10	10	N/A	
26	Lights main warehouse		C	3	1.5	1.5	1.5	60898 MCB	C	10	10	N/A	
27	Lights main warehouse		C	3	1.5	1.5	1.5	60898 MCB	C	10	10	N/A	
28	Lights main warehouse		C	3	1.5	1.5	1.5	60898 MCB	C	10	10	N/A	
29	Lights main warehouse		C	3	1.5	1.5	1.5	60898 MCB	C	6	10	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/ cables	Mineral-insulated cables	

See next page for Schedule of Test Results

NICEIC APPROVED CONTRACTOR

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IPN3/0438310

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

Confirmation of supply polarity

** See note below*

Z_s * 0.10 Ω — Operating times of associated RCD (if any): At $I_{\Delta n}$ ms; At $5I_{\Delta n}$ ms

I_{pf} * 1.41 kA

Test instruments (serial numbers) used:

Earth fault loop impedance	16103359	RCD	
Insulation resistance		Multi function	
Continuity		Other	

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										✓				
2										✓				
3										✓				
4										✓				
5										✓				
6										✓				
7										✓				
8										✓				
9										✓				
10										✓				
11										✓				
12										✓				
13										✓				
14										✓				
15										✓	0.18			
16										✓				
17										✓				
18										✓	0.18	30	28	✓
19										✓				
20										✓				
21										✓				
22										✓				
23										✓				
24										✓				
25										✓				
26										✓				
27										✓				
28										✓				
29										✓				

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

TESTED BY

Signature:		Position:	Qualified Supervisior
Name: (CAPITALS)	KEVIN DUFFY	Date of testing:	

See previous page for Schedule of Circuit Details

NICEIC APPROVED CONTRACTOR

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IPN3/0438310

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: Warehouse A small area

Distribution board designation: DB X2

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

Supply to distribution board is from: Isolator X2 — No of phases: 3 — Nominal voltage: 400 V

Overcurrent protective device for the distribution circuit: — Associated RCD (if any): BS(EN)

Type: BS(EN) — Rating: A — RCD No of poles: — $I_{\Delta n}$ mA

Circuit number and phase	Circuit designation	Type of wiring (see code)	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)
30	Lights main warehouse		C	3	1.5	1.5	1.5	60898 MCB	C	6	10	N/A	
31	Lights small w/h next door		C	3	1.5	1.5	1.5	60898 MCB	C	6	10	N/A	
32	Lights small w/h next door		C	3	1.5	1.5	1.5	60898 MCB	C	6	10	N/A	
33	Lights this unit		C	3	1.5	1.5	1.5	60898 MCB	C	6	10	N/A	
34	Lights this unit		C	3	1.5	1.5	1.5	60898 MCB	C	6	10	N/A	
35	Lights this unit		C	3	1.5	1.5	1.5	60898 MCB	C	6	10	N/A	
36	Lights this unit		C	3	1.5	1.5	1.5	60898 MCB	C	10	10	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/ cables	Mineral-insulated cables	

See next page for Schedule of Test Results

NICEIC APPROVED CONTRACTOR

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

IPN3/0438310

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

Confirmation of supply polarity

* See note below

Z_s * 0.10 Ω — Operating times of associated RCD (if any): At $I_{\Delta n}$ ms; At $5I_{\Delta n}$ ms

I_{pf} * 1.41 kA

Test instruments (serial numbers) used:

Earth fault loop impedance	16103359	RCD	
Insulation resistance		Multi function	
Continuity		Other	

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)	(✔)
30										✔				
31										✔				
32										✔				
33										✔				
34										✔				
35										✔				
36										✔				

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

TESTED BY

Signature:		Position:	Qualified Supervisior
Name: (CAPITALS)	KEVIN DUFFY	Date of testing:	

See previous page for Schedule of Circuit Details

NICEIC APPROVED CONTRACTOR

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

IPN3/0438310

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: WH D adj wh C

Distribution board designation: DB Z2

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

Supply to distribution board is from: Iso Z2

No of phases: 3 Nominal voltage: 400 V

Overcurrent protective device for the distribution circuit:

Associated RCD (if any): BS(EN)

Type: BS(EN) 88 Rating: 100 A RCD No of poles: $I_{\Delta n}$ mA

Circuit number and phase	Circuit designation	Type of wiring (see code)	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	Blank											N/A	
2	Blank											N/A	
3	Blank											N/A	
4	Blank											N/A	
5	Blank											N/A	
6	Blank											N/A	
7	Blank											N/A	
8	Blank											N/A	
9	Blank											N/A	
10	Spare							60898 MCB	C	6	10	N/A	
11	Spare							60898 MCB	C	6	10	N/A	
12	Lights Warehouse C	A	C	3	1.5	1.5	0.4	60898 MCB	C	6	10	N/A	
13	Lights Warehouse C	A	C	3	1.5	1.5	0.4	60898 MCB	C	6	10	N/A	
14	Lights Warehouse C	A	C	3	1.5	1.5	0.4	60898 MCB	C	6	10	N/A	
15	Lights Warehouse C	A	C	3	1.5	1.5	0.4	60898 MCB	C	6	10	N/A	
16	Lights Warehouse C	A	C	3	1.5	1.5	0.4	60898 MCB	C	6	10	N/A	
17	Lights Warehouse C	A	C	3	1.5	1.5	0.4	60898 MCB	C	6	10	N/A	
18	Lights Warehouse C & EM	A	C	3	1.5	1.5	0.4	60898 MCB	C	6	10	N/A	
19	Lifter	A	C	1	2.5	1.5	0.4	60898 MCB	C	32	10	N/A	
20	Lifter	A	C	1	2.5	1.5	0.4	60898 MCB	C	32	10	N/A	
21	Lifter	A	C	1	2.5	1.5	0.4	60898 MCB	C	32	10	N/A	
22	DB Z2A rear of WH C	F	C	1	10	1.5	0.4	60898 MCB	B	50	10	N/A	
23	FA	A	C	1	2.5	1.5	0.4	60898 MCB	C	16	10	N/A	
24	RCD S/O rear of WH C	A	C	2	2.5	1.5	0.4	60898 MCB	C	32	10	N/A	
25	RCD S/O left	A	C	1	2.5	1.5	0.4	60898 MCB	C	32	10	N/A	
26	Lights upper Mez level	A	C	3	1.5	1.5	0.4	60898 MCB	C	10	10	N/A	
27	Lights upper Mez level	A	C	3	1.5	1.5	0.4	60898 MCB	C	10	10	N/A	
28	Lights upper Mez level	A	C	3	1.5	1.5	0.4	60898 MCB	C	10	10	N/A	
29	Lights upper Mez level	A	C	3	1.5	1.5	0.4	60898 MCB	C	10	10	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/ cables	Mineral-insulated cables	

See next page for Schedule of Test Results

NICEIC APPROVED CONTRACTOR

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IPN3/0438310

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 *	0.10	Ω	Operating times of associated RCD (if any)	At $I_{\Delta n}$	ms
I_{pf} *	1.33	kA		At $5I_{\Delta n}$	ms

Test instruments (serial numbers) used:

Earth fault loop impedance	16103359	RCD	
Insulation resistance		Multi function	
Continuity		Other	

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										✔				
2										✔				
3										✔				
4										✔				
5										✔				
6										✔				
7										✔				
8										✔				
9										✔				
10										✔				
11										✔				
12										✔				
13										✔				
14										✔				
15										✔				
16										✔				
17										✔				
18										✔				
19										✔				
20										✔				
21										✔				
22										✔				
23										✔				
24										✔	0.94	21	22	✔
25										✔	0.18	20	22	✔
26										✔				
27										✔				
28										✔				
29										✔				

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

TESTED BY

Signature:		Position:	Qualified Supervisior
Name: (CAPITALS)	KEVIN DUFFY	Date of testing:	01/07/2014

See previous page for Schedule of Circuit Details

NICEIC APPROVED CONTRACTOR

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IPN3/0438310

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: WH D adj wh C

Distribution board designation: DB Z2

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

Supply to distribution board is from: Iso Z2

No of phases: 3 Nominal voltage: 400 V

Overcurrent protective device for the distribution circuit:

Associated RCD (if any): BS(EN)

Type: BS(EN) 88 Rating: 100 A

RCD No of poles: $I_{\Delta n}$ mA

Circuit number and phase	Circuit designation	Type of wiring (see code)	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)
30	Lights upper Mez level	A	C	3	1.5	1.5	0.4	60898 MCB	C	10	10	N/A	
31	Lights upper Mez level	A	C	3	1.5	1.5	0.4	60898 MCB	C	10	10	N/A	
32	Lights upper Mez level	A	C	3	1.5	1.5	0.4	60898 MCB	C	10	10	N/A	
33	Lights upper Mez level	A	C	3	1.5	1.5	0.4	60898 MCB	C	10	10	N/A	
34	Lights upper Mez level	A	C	3	1.5	1.5	0.4	60898 MCB	C	10	10	N/A	
35	Lights upper Mez level	A	C	3	1.5	1.5	0.4	60898 MCB	C	10	10	N/A	
36	Lights upper Mez level	A	C	3	1.5	1.5	0.4	60898 MCB	C	10	10	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/ cables	Mineral-insulated cables	

See next page for Schedule of Test Results

NICEIC APPROVED CONTRACTOR

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IPN3/0438310

Original (To the person ordering the work)

SCHEDULE OF TEST RESULTS FOR THE PRIMARY DISTRIBUTION BOARD

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	* 0.10	Ω	Operating times of associated RCD (if any)	At $I_{\Delta n}$		ms
I_{pf}	* 1.33	kA		At $5I_{\Delta n}$		ms

Test instruments (serial numbers) used:

Earth fault loop impedance	16103359	RCD	
Insulation resistance		Multi function	
Continuity		Other	

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)	(✔)
30										✔				
31										✔				
32										✔				
33										✔				
34										✔				
35										✔				
36										✔				

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

TESTED BY

Signature:		Position:	Qualified Supervisior
Name: (CAPITALS)	KEVIN DUFFY	Date of testing:	01/07/2014

See previous page for Schedule of Circuit Details

NICEIC APPROVED CONTRACTOR

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IPN3/0438310

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: Warehouse D porta cabin

Distribution board designation: DB Z2A

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

Supply to distribution board is from:

No of phases: 2 Nominal voltage: 240 V

Overcurrent protective device for the distribution circuit:

Associated RCD (if any): BS(EN)

Type: BS(EN) Rating: A RCD No of poles: $I_{\Delta n}$ mA

Circuit number and phase	Circuit designation	Type of wiring (see code)	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)	Type No	Rating (A)	Short-circuit capacity (kA)	RCD Operating current, $I_{\Delta n}$ (mA)	Maximum Z_s permitted by BS 7671 (Ω)
1	Heater	A	B	1	2.5	1.5	0.4	60898 MCB	B	16	6	30	
2	Heater	A	B	1	2.5	1.5	0.4	60898 MCB	B	16	6	30	
3	Lights	A	B	2	1.5	1	0.4	60898 MCB	B	6	6	30	
4	Ring final	A	B	2	2.5	1.5	0.4	60898 MCB	B	32	6	30	

* *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/ cables	Mineral-insulated cables	

See next page for Schedule of Test Results

NICEIC APPROVED CONTRACTOR

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IPN3/0438310

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	* 0.10	Ω	Operating times of associated RCD (if any)	At $I_{\Delta n}$		ms
I_{pf}	* 520	kA		At $5I_{\Delta n}$		ms

Test instruments (serial numbers) used:

Earth fault loop impedance	16103359	RCD	
Insulation resistance		Multi function	
Continuity		Other	

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										✔				✔
2										✔				✔
3										✔				✔
4										✔	0.46	39	12	✔

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

TESTED BY

Signature:		Position:	Qualified Supervisior
Name: (CAPITALS)	KEVIN DUFFY	Date of testing:	01/07/2014

See previous page for Schedule of Circuit Details

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

ADDITIONAL NOTES

Main HV intake room HV
Stored combustible materials & other items
Area not secure
Missing VP cover
No EM fittings
Missing warning notices & labels
No isolation charts
S/O faulty
No RCD for S/O
No warning notices
HV matting
No db labels lp7
Paint stored
CCTV db no labels
No EM fitting
VP covers missing

Lift 1
Redundant equip
Missing warning notices & labels
Exposed live parts
Not secure

Lift 2
Unable to find DB

Warehouse A Rear
Redundant equipment & holes in containments parts
Missing warning notices & labels
Exposed live parts
3x DB
No rcd's (external socket outlets)
Over rated mcb's
No Charts or isolation labels

Warehouse A front left
Redundant equipment & holes in containments parts
Missing warning notices & labels
Exposed live parts
3x DB
no rcd's
DB in very poor condition
Over rated mcb's
No Charts or isolation labels

Warehouse A front right (scafman)
Redundant equipment & holes in containments parts

ELECTRICAL INSTALLATION CONDITION REPORT

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ADDITIONAL NOTES

Exposed live parts
2x DB
no rcd's
DB incorrectly marked
No Charts or isolation labels

WH a front right scafman
8 ways DB all used feed some lights and sockets
no rcd's
DB incorrectly marked
No Charts or isolation labels

Bay 1 & Bay 2
Redundant equipment & holes in containments parts
Missing warning notices & labels
Exposed live parts
2x DB & isolators
no rcd's
DB incorrectly marked
No Charts or isolation labels
Many damaged and fittings

Warehouse C
Redundant equipment & holes in containments parts
Missing warning notices & labels
Exposed live parts
4x DB
no rcd's
DB incorrectly marked
No Charts or isolation labels

Warehouse D (DB's on both sides)
Redundant equipment & holes in containments parts
Missing warning notices & labels
Exposed live parts
4x DB
no rcd's
DB incorrectly marked
No Charts or isolation labels
Many misc DB's & Isolation devices

Warehouse Argos (front, middle & rear offices)
Redundant equipment & holes in containments parts
Missing warning notices & labels
Exposed live parts
5x DB
no rcd's
DB incorrectly marked
No Charts or isolation labels
Many misc DB's & Isolation devices

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ADDITIONAL NOTES

HV Room Mez stair well
Redundant equipment & holes in containments parts
Missing warning notices & labels
Exposed live parts
2x DB
no rcd's
No Charts or isolation labels
Many misc DB's & Isolation devices
Missing VP covers x4

HV Room Mez Area (Warehouse & cold rooms)
Missing warning notices & labels
5x DB
No Charts or isolation labels
No rcd's small DB (s/o)

Offices
Drivers Direct
Redundant equipment & holes in containments parts
Missing warning notices & labels
Exposed live parts
4x DB
no rcd's
No Charts or isolation labels
Many misc DB's & Isolation devices
LP9 in very poor condition
No Supplementary bonding

1st Floor office above WH B
Redundant equipment & holes in containments parts
Missing warning notices & labels
Exposed live parts
1x DB
no rcd's
No Charts or isolation labels
Supply cable incorrect size
Many misc DB's & Isolation devices
Mixed supply to S/O
No Supplementary bonding

1st & 2nd Floor office (Howl)
Redundant equipment & holes in containments parts
Missing warning notices & labels
Exposed live parts
2x DB

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ADDITIONAL NOTES

No Charts or isolation labels
Supply cable incorrect size
Many misc DB's & Isolation devices
Mixed supply to S/O
No Supplementary bonding (boiler etc)
Exposed live parts (lights fittings)
Faulty EM fittings

Ground floor small office (WH B front)
Ground for office front WH b
Unable to trace so and lighting supply

Workshop & store
Missing warning notices & labels
2x DB
no rcd's (incl kitchen area)
No Charts or isolation labels

Main office
Redundant equipment & holes in containments parts
Missing warning notices & labels
Exposed live parts
2x DB
no rcd's (incl kitchen area)
No Charts or isolation labels
Supply cable incorrect size
Many misc DB's & Isolation devices
Mixed supply to S/O
No Supplementary bonding (tea point etc)
Faulty EM fittings

Security office
Redundant equipment & holes in containments parts
Missing warning notices & labels
Exposed live parts
1x DB
no rcd's (incl diesel pump & external lights etc)
No Charts or isolation labels
Many misc DB's & Isolation devices
Faulty EM fittings

External
Rcd socket damaged

APPROVED CONTRACTOR

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ELECTRICAL INSTALLATION CONDITION REPORT

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Original (To the person ordering the work)

ADDITIONAL NOTES

Swa for ex lights front fence missing fittings poor fixing cable damaged

Diesel supply check

Ip box outside security hut

Many damaged fittings new and old (bays 1 & 2 and outside unit C)

No RCD protection many ccts