

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

#### 00561288

### **ELECTRICAL INSTALLATION CERTIFICATE**

ICN3C/

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

	FTHE CLIENT								
Client / Address: St Moo	odwen	Park Point, 17 High	Street, I	Longbridge	e, Birmingham, Wes	st Midlands,		B31	2UQ
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Signature Cm	mon	Date 11/09/2015		Name (CAPITALS)	CHRIS MORGAN			**	Designer 2
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on the reverse of this page.

#### NOTES FOR RECIPIENT

#### THIS SAFETY CERTIFICATE IS AN IMPORTANT AND VALUABLE DOCUMENT WHICH SHOULD BE RETAINED FOR FUTURE REFERENCE

This safety certificate has been issued to confirm that the electrical installation work to which it relates has been designed, constructed, inspected, tested and verified in accordance with the national standard for the safety of electrical installations, British Standard 7671 (as amended) - *Requirements for Electrical Installations*.

Where, as will often be the case, the installation incorporates a residual current device (RCD), there should be a notice at or near the main switchboard or consumer unit stating that the device should be tested at quarterly intervals. For safety reasons, it is important that you carry out the test regularly.

Also for safety reasons, the complete electrical installation will need to be inspected and tested at appropriate intervals by a competent person. NICEIC\* recommends that you engage the services of an Approved Contractor for this purpose. The maximum interval recommended before the next inspection is stated on Page 2 under *Next Inspection*. There should be a notice at or near the main switchboard or consumer unit indicating when the inspection of the installation is next due.

Only an NICEIC Approved Contractor or Conforming Body responsible for the **construction** of the electrical installation is authorised to issue this NICEIC Electrical Installation Certificate.

The certificate consists of at least five numbered pages. The certificate is invalid if any of the five pages are missing. The certificate has a printed seven-digit serial number which is traceable to the Approved Contractor to which it was supplied by NICEIC.

For installations having more than one distribution board or more circuits than can be recorded on pages 4 and 5, one or more additional *Schedules of Circuit Details for the Installation*, and *Schedules of Test Results for the Installation* (pages 6 and 7 onwards) should form part of the certificate.

This certificate is intended to be issued only for a new electrical installation or for new work associated with an alteration or addition to an existing installation. It should not have been issued for the inspection of an existing electrical installation. An 'Electrical Installation Condition Report' or, where appropriate, a Domestic Electrical Installation Condition Report' not be appropriate.

This certificate should not have been issued for electrical work in a potentially explosive atmosphere (hazardous area) unless the Approved Contractor holds an appropriate extension to NICEIC enrolment for such work.

You should have received the certificate marked 'Original' and the Approved Contractor should have retained the certificate marked 'Duplicate'.

If you were the person ordering the work, but not the user of the installation, you should pass this certificate, or a full copy of it including these notes, the schedules and additional pages (if any), immediately to the user.

The 'Original' certificate should be retained in a safe place and shown to any person inspecting or undertaking further work on the electrical installation in the future. If you later vacate the property, this certificate will demonstrate to the new user that the electrical installation complied with the requirements of the national electrical safety standard at the time the certificate was issued.

Page 1 of this certificate provides details of the electrical installation, together with the name(s) and signature(s) of the person(s) certifying the three elements of installation work: design, construction and inspection and testing. Page 2 identifies the organisation(s) responsible for the work certified by their representative(s).

Certification for inspection and testing provides an assurance that the electrical installation work has been fully inspected and tested, and that the electrical work has been carried out in accordance with the requirements of BS 7671 (except for any departures sanctioned by the designer) and recorded in the appropriate box(es) of the certificate.

\* NICEIC is a part of the Ascertiva Group, a wholly owned subsidiary of The Electrical Safety Council. Under license from The Electrical Safety Council, NICEIC acts as the electrical contracting industry's independent voluntary body for electrical installation safety matters throughout the UK, and maintains and publishes registers of electrical contractors that it has assessed against particular scheme requirements (including the technical standard of electrical work).

# For further information about electrical safety and how NICEIC can help you, visit **www.niceic.com**

continued on the reverse of page 2

#### NOTES FOR RECIPIENT (continued from the reverse of page 1)

Where responsibility for the *design*, the *construction* and the *inspection and testing* of the electrical work is divided between the Approved Contractor and one or more other bodies, the division of responsibility should have been established and agreed before commencement of the work. In such a case, NICEIC considers that the absence of certification for the *construction*, or the *inspection and testing* elements of the work would render the certificate invalid. If the *design* section of the certificate has not been completed, NICEIC recommends that you question why those responsible for the design have not certified that this important element of the work is in accordance with the national electrical safety standard.

Where the electrical work to which this certificate relates includes the installation of a fire alarm system and/or an emergency lighting system (or a part of such systems) in accordance with British Standards BS 5839 and BS 5266 respectively, this electrical safety certificate should be accompanied by a separate certificate or certificates as prescribed by those standards.

Where the installation can be supplied by more than one source, such as the public supply and a standby generator, the number of sources should have been recorded in the box entitled Number of Sources, under the general heading *Supply Characteristics and Earthing Arrangements* on page 2 of the certificate, and the *Schedule of Test Results* compiled accordingly. Where a number of sources are available to supply the installation, and where the data given for the primary source may differ from other sources, an additional page should have been provided which gives the relevant information relating to each additional source, and to the associated earthing arrangements and main switchgear.

Should the person ordering the work (e.g. the client, as identified on Page 1 of this certificate), have reason to believe that any element of the work for which the Approved Contractor has accepted responsibility (as indicated by the signatures on this certificate) does not comply with the requirements of the national electrical safety standard (BS 7671), the client should in the first instance raise the specific concerns in writing with the Approved Contractor. If the concerns remain unresolved, the client may make a formal complaint to NICEIC, for which purpose a standard complaint form is available on request.

The complaints procedure offered by NICEIC is subject to certain terms and conditions, full details of which are available upon application. NICEIC does not investigate complaints relating to the operational performance of electrical installations (such as lighting levels), or to contractual or commercial issues (such as time or cost).



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

#### ICN3C/ 00561288

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Installation earth electrod	<sub>e:</sub> N/A	Elec resistanc	trode e, R <sub>A</sub> : N	/A	(Ω)	me		thod of ement: N	I∕A										
	<b>Aain Switch</b> where an RCD is su			e <b>r</b> ircuit-breaker)	Maxir Dema	num nd (Load)	. 75			/ <del>Ampo</del> lete as appro	priat	Protecti against	ve mea electri	sures c shock:	ADS				
Type BS(EN) BS	S EN 60947	7-2	Voltage rating 4	00	V	Earth	hing c	onductor	E	•		otective Bor bonding condu				raneou	s-conduct	ive-par	ts (🗸
No of poles 4		cu	Rated rrent, I <sub>n</sub> 2	00		nductor naterial C		er		Conducto materia	r I co	pper		Wate service	r v	/	Gas ser	vice	~
Supply conductors material	opper	RCD op	perating N ent, $I_{\Delta n}^*$		nA <sup>Co</sup>	nductor csa 1			mm²	Conducto cs	r a 50	)	mm²	Oi service	N/A	4	Struct	tural steel	N/A
Supply conductors 15 csa	50 m	ım² RCD op time (	perating $(at I_{\Delta n})^*$	I/A	ms	Continu connect verif	tion	~	(✓)	Cont connection v	tinuity erifie	d 🖌	(✓)	Lightning protection	N/A	•	Other inco servio	ming ce(s)	
COM	MENTS	ON EX							E			Note: Enter ' of additional							
NEXT	INSPEC			interval in tern							ş					n ule (	zzisuiiy II	istallä	
	gner(s), RECON				er inspe	ected and t	tested	after an int	terval o	f not more tha	n	5 Y	ears						
Where the Appro	nd enter de ved Contractor re	sponsible for th	ne constructi	ion of the elect												Page	e 2 of	4	9
of that installation	n, the 'Particulars er of sources ar	of the Organis	ation respor	nsible for the l	Electrical	l Installation	ı' may l	be recorded of	only in th	e section entitle	d 'CO	NSTRUCTION.						L	
	et must be prov											200.000,	DI	ease se	o tha	(Not	oc for l	Poole	

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**APPROVED** 

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	NTRACTOR				
	ULE OF ITEMS				† See note below
	IVE MEASURES AGA	NST ELEC	TRIC SHOCK	Durantian	
	d fault protection				of mutual detrimental influence Proximity of non-electrical services and other influences
Extra-low	selv	N1/A	PELV		Segregation of Band I and Band II circuits or Band II
✓ Double or i	SELV reinforced insulation	N/A	PELV	~	insulation used
	Double or Reinforced	Insulation		~	Segregation of Safety Circuits
V	Double of Heimorceu	Insulation		Identificatio	n
Basic pr	otection			~	Presence of diagrams, instructions, circuit charts and
~	Insulation of live parts	~	Barriers or enclosures	_	similar information
N/A	Obstacles * *	N/A	Placing out of reach **		Presence of danger notices and other warning notices
				~	Labelling of protective devices, switches and terminals
Fault pro	otection			~	Identification of conductors
	disconnection of supply	•		Cables and	
~	Presence of earthing c			~	Selection of conductors for current-carrying capacity and voltage drop
~	Presence of circuit pro			~	Erection methods
~	Presence of main prote		•	~	Routing of cables in prescribed zones
N/A	Presence of earthing a protective and function	nal purpose:	S	~	Cables incorporating earthed armour or sheath, or run in an earthed wiring system, or otherwise adequately protected
N/A	Presence of adequate source(s), where appli	arrangemei cable	nts for other		against nails, screws and the like
N/A	FELV			~	Additional protection by 30 mA RCD for cables concealed in walls (where required, in premises not under the supervision of a skilled or instructed person)
~	Choice and setting of p (for fault protection an	d/or overcu	rrent protection)	~	Connection of conductors
Non-condu	ucting location * *			~	Presence of fire barriers, suitable seals and protection against thermal effects
N/A	Absence of protective	conductors		General	
Earth-free	equipotential bonding *	*			Presence and correct location of appropriate devices for
N/A	Presence of earth-free	e equipotent	ial bonding	_	isolation and switching
Electrical	separation			~	Adequacy of access to switchgear and other equipment
~	For <b>one</b> item of curren	t-using equi	pment	~	Particular protective measures for special installations and locations
N/A	For <b>more</b> than one iter	n of current	-using equipment * *	~	Connection of single-pole devices for protection or switching in line conductors only
Addition	al protection			~	Correct connection of accessories and equipment
~	Presence of residual of	current devi	ce(s)	N/A	Presence of undervoltage protective devices
~	Presence of suppleme	entary bondi	ng conductors	~	Selection of equipment and protective measures appropriate to external influences
** For use in	controlled supervised/	conditions	only	~	Selection of appropriate functional switching devices
SCHED	ULE OF ITEMS	rested	† See note below		Basic protection by barrier or enclosure
				~	provided during erection
~	External earth fault I		Ŭ	N/A	Insulation of non-conducting floors or walls
N/A	Installation earth ele	ctrode resi	stance, R <sub>A</sub>	~	Polarity
~	Continuity of protect	ive conduct	tors	~	Earth fault loop impedance, Z <sub>s</sub>
~	Continuity of ring fin	al circuit co	inductors	~	Verification of phase sequence
~	Insulation resistance	e between l	ive conductors	~	Operation of residual current devices
~	Insulation resistance	e between l	ive conductors and Earth	V	Functional testing of assemblies
~	Protection by separa	ation of circ	uits	~	Verification of voltage drop
0.01117					
SCHED	ULE OF ADDITIO	JNAL R	ECORDS* (See atta	ched sche	dule)

Note: Additional page(s) must be identified by the Electrical Installation Certificate serial number and page number(s).

)(S) ıy

† All boxes must be completed. '\lambda' indicates that an inspection or a test was carried out and that the result was satisfactory. 'N/A' indicates that an inspection or test was not applicable to the particular installation. Where the electrical work to which this certificate relates includes the installation of a fire alarm system and/or an emergency lighting system (or a part of such systems), this electrical safety certificate should be accompanied by the particular certificate(s) for the system(s).

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# SCHEDULE OF CIRCUIT DETAILS FOR THE INSTALLATION

TO BE CON	IPLETED IN EVERY CASE	TO BE COMPLET	ED ONLY IF THE DISTRIBUTION BOARD	) IS NOT CONNECTE	D DIRECTLY TO THE	ORIGIN OF TH	E INSTALLATION*	*
Location of distribution board:	IT Hub / Electrical Room	Supply to distribution board is from:	Origin of Supply [ ]		No of phases:	3 <sup>N</sup>	Vominal voltage: 400	V
		Overcurrent protec	tive device for the distribution circ	cuit:	Associated RCD (if any): BS(EN)	Not Applie	cable	
Distribution board designation:	Main Panel Board	Type: BS(EN) 88		Rating: 200	A RCD No of poles:	N/A	$I_{\Delta n}$ N/A	mA

			CI	RCUI	T DE	TAILS							
ber	Circuit designation	ig Nov	Ŷ	pe	Cir conduc	rcuit :tors: csa	ction	Overcurrent pr	otect	ive devid	es	RCD	; 7671
Circuit number and line		Type of wiring (see code below)	Reference method	Number of points served	Live (mm <sup>2</sup> )	cpc (mm²)	Max. disconnection $\widehat{s}$ time permitted by BS 7671	BS (EN)	Type	(E) Rating	Short-circuit E capacity	∋ Operating E current, I <sub>∆n</sub>	© Maximum Z <sub>s</sub> permitted by BS 7671
1L1	SPARE												
1L2	SPARE												
1L3	SPARE												
2L1	SPARE												
2L2	SPARE												
2L3	SPARE												
3L1	SPARE												
3L2	SPARE												
3L3	SPARE												
4L1	SPARE												
4L2	SPARE												
4L3	SPARE												
5TP	Busbar Riser	G	E	1	70	35	5	60947-2		160	36	N/A	0.15
6L1	SPARE												
6L2	SPARE												
6L3	SPARE												
7L1	DB/CL1	G	E	1	16	16	5	60947-2		63	36	N/A	0.38
7L2	Way taken by Tap Off DB/CL1												
7L3	Way taken by Tap Off DB/CL1												
8L1	Way taken by Tap Off DB/CL2												
8L2	DB/CL2	G	E	1	25	16	5	60947-2		63	36	N/A	0.38
8L3	Way taken by Tap Off DB/CL2												
9TP	DB/LL1	F	E	1	25	16	5	60947-2		63	36	N/A	0.38
10TP	DB/EXT2	G	E	1	16	16	5	60947-2		40	36	N/A	0.52

↑ See Table 4A2 of Appendix 4 of BS 7671

				CODES FOR	TYPE OF WIR	ING				
Α	В	C	D	E	F	G	н	O (Other - please state)	]	
Thermoplastic insulated/ sheathed cables	cables	Thermoplastic cables in non-metallic conduit	cables	Thermoplastic cables in non-metallic trunking	/SWA	Thermosetting/ SWA cables	inculated	FP200/Firetuff	Page 4 of	49

\* 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.

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### SCHEDULE OF TEST RESULTS FOR THE INSTALLATION

то	DIREC	TLY TO	IF THE DISTRIBUTION D THE ORIGIN OF THE ristics at this distrib	INSTALLATIO	N	TED		Test instruments (serial	numbers	s) used:
★ Se	✔ ee note below	Со	nfirmation of suppl	y polarity			Earth fault loop impedance		RCD	
Zs	<sup>*</sup> 0.10	Ω	Operating times of associated	At $I_{\Delta n}$	N/A	ms	Insulation resistance		Multi- function	090409/9887
I <sub>pf</sub>	<sup>*</sup> 5.8	kA	RCD (if any)	At $5I_{\Delta n}$ (if applicable)	N/A	ms	Continuity		Other	

#### **TEST RESULTS** Insulation resistance Maximum RCD **Circuit** impedances Polarity Circuit number and line measured earth fault (Ω) + Record lower or lowest value operating times Ring final circuits only (measured end to end) All circuits Line/Earth + Neutral/Earth l ine/l ine + Line/Neutral + loop Test button at $5I_{\Delta n}$ impedance, (At least one column at $I_{\Delta n}$ to be completed) $Z_{s}^{\star}$ r<sub>2</sub> (if applicable) operation r<sub>n</sub> (Line) (Neutral) (cpc) $(R_1 + R_2)$ $R_2$ (MΩ) (MΩ) $(M\Omega)$ (MΩ) (⁄) (Ω) (ms) (ms) (⁄) 1L1 1L2 1L3 2L1 2L2 2L3 3L1 3L2 3L3 4L1 4L2 4L3 5TP N/A N/A N/A 0.03 N/A >200 >200 >200 >200 ~ 0.11 N/A N/A 6L1 6L2 6L3 7L1 N/A N/A N/A 0.02 N/A >200 >200 >200 >200 0.13 N/A N/A V 7L2 7L3 8L1 8L2 N/A 0.02 >200 N/A N/A N/A >200 >200 >200 V 0.13 N/A N/A 8L3 9TP N/A N/A N/A 0.02 N/A >200 >200 >200 >200 V 0.12 N/A N/A 10TP N/A N/A N/A 0.01 N/A >200 >200 >200 >200 0.10 N/A N/A V

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

#### TESTED BY

Signature: J.L. Sowon	Position:	Approved Electrician	Page 5 of	49	]
Name: (CAPITALS) JUSTIN SCRIVEN	Date of testing:	02/09/2015			

Original (To the person orderine

Original (To the person ordering the work)

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See previous page for Circuit Details



TO BE COM	IPLETED IN EVERY CASE	TO BE COMPLET	TO BE COMPLETED ONLY IF THE DISTRIBUTION BOARD IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION*									
Location of distribution board:	IT Hub / Electrical Room	Supply to distribution board is from:	Origin of Supply []			No of phases:	3 Nor	ninal tage: 400	V			
		Overcurrent protec	tive device for the distribution circ	cuit:	RCD	Associated (if any) : BS (EN)	Not Applica	ble				
Distribution board designation:	Main Panel Board	Type:     Rating:     200     A     RCD No of poles:       BS (EN)     88     Rating:     200     A     RCD No of poles:						$I_{\Delta n}$ N/A	mA			

			CI	RCUI	T DE1	<b>FAILS</b>							
ber	Circuit designation	ig elow)	î		Cir	cuit tors: csa	action	Overcurrent pr	otect	ive devic		RCD	S 7671
Circuit number and line		Type of wiring (see code below)	Reference method	Number of points served	Live (mm²)	cpc (mm²)	Max. disconnection	BS (EN)	Type	(E) Rating	Short-circuit E capacity	∋) Operating (e) current, I <sub>∆n</sub>	Dermitted by BS 7671
11L1	Fire Alarm Panel	0	E	1	2.5	2.5	0.4	60947-2		20	36	N/A	0.64
11L2	Disabled Refuge Panel	0	E	1	2.5	2.5	0.4	60947-2		20	36	N/A	0.48
11L3	SPARE												
12L1	SPARE												
12L2	SPARE												
12L3	SPARE												
13L1	SPARE												
13L2	SPARE												
13L3	SPARE												
14L1	SPARE												
14L2	SPARE												
14L3	SPARE												
15L1	SPARE												
15L2	SPARE												
15L3	SPARE												
16L1	SPARE												
16L2	SPARE												
16L3	SPARE												
17L1	SPARE												
17L2	SPARE												
17L3	SPARE												
18L1	SPARE												
18L2	SPARE												
18L3	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	В	C	D	E	F	G	Н	0 (Other - please state)				
Thermoplastic insulated/ sheathed cables	cables	Thermoplastic cables in non-metallic conduit	cables	Thermoplastic cables in non-metallic trunking	/SWA	Thermosetting/ SWA cables	the second section of	FP200/Firetuff				
This report is	This report is based on the model forms shown in Appendix 6 of BS 7671											

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### **SCHEDULE OF TEST RESULTS FOR THE INSTALLATION - CONTINUATION**

то	DIREC	TLY T	IF THE DISTRIBUTION O THE ORIGIN OF THE	INSTALLATIO	N	TED		Test instruments (serial	number	s) used:
	Unar		ristics at this distrib							
	<b>~</b>	Co	onfirmation of supply	y polarity			Earth fault loop impedance		RCD	
	*	0		A+ 1	N1/A		Insulation		Multi-	000400/0007
2s	0.10	Ω	Operating times of associated	At $I_{\Delta n}$	IN/A	ms	resistance		function	090409/9887
I <sub>pf</sub>	<sup>*</sup> 5.8	kА		At $5I_{\Delta n}$ (if applicable)	N/A	ms	Continuity		Other	

						TES	T RESL	JLTS						
ber		Cir	cuit impedaı (Ω)	nces				ition resistar		Polarity	Maximum measured	One	RCD rating	
it num id line	Ring	final circuits			ircuits	Line/Line	Line/Neutral	Line/Earth	Neutral/Earth		earth fault loop	tir	nes	Test
Circuit number and line	r <sub>1</sub> (Line)	(Neutral)	r <sub>2</sub> (cpc)	(At least to be co (R <sub>1</sub> + R <sub>2</sub> )	one column ompleted) R <sub>2</sub>	(MΩ)	(MΩ)	(MΩ)	(MΩ)	(1)	impedance, Z <sub>S</sub> * (Ω)	at I <sub>∆n</sub> (ms)	at 51 <sub>∆n</sub> (if applicable) (ms)	button operation (√)
11L1	N/A	N/A	N/A	0.17	N/A	N/A	>200	>200	>200	~	0.27	N/A	N/A	
11L2	N/A	N/A	N/A	0.17	N/A	N/A	>200	>200	>200	~	0.27	N/A	N/A	
11L3														
12L1														
12L2														
12L3														
13L1														
13L2														
13L3														
14L1														
14L2														
14L3														
15L1														
15L2														
15L3														
16L1														
16L2														
16L3														
17L1														
17L2														
17L3														
18L1														
18L2														
18L3														

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

#### TESTED BY

ICNC/IPNC 2

Signature: J.L. Souron	Position: Approved Elec		
Name: (CAPITALS) JUSTIN SCRIVEN	Date of testing: 02/09/2015	Page 7 of 49	

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TO BE COM	IPLETED IN EVERY CASE	TO BE COMPLET	ED ONLY IF THE DISTRIBUTION BOARD	) IS NOT (	CONNECTED D	DIRECTLY TO THE	ORIGIN OF 1	THE INSTALLATION	*
Location of distribution board:	Main Riser	Supply to distribution board is from:	Main Panel Board [5TP]			No of phases:	3	Nominal voltage: 230	V
		Overcurrent protec	tive device for the distribution circ	cuit:	RCD	Associated (if any) : BS (EN)	Not App	olicable	
Distribution board designation:	Busbar Riser	Type: BS (EN) 60947-2		Rating:	160	A RCD No of poles:	N/A	$I_{\Delta n}$ N/A	mA

			CI	RCUI	T DE	<b>FAILS</b>							
Der	Circuit designation	g elow)	Ŷ		Cir	cuit tors: csa	ction	Overcurrent p	rotect	ive devid	ces	RCD	17671
Circuit number and line		Type of wiring (see code below)	Reference method	Number of points served	Live (mm <sup>2</sup> )	cpc (mm²)	Max. disconnection with BS 7671	BS (EN)	Type	(Y) Rating	<ul> <li>Short-circuit</li> <li>capacity</li> </ul>	∋ Operating B current, I <sub>∆n</sub>	(D) Maximum Z <sub>s</sub> permitted by BS 7671
1L1	Way taken by Tap Off DB/CL3												
1L2	DB/CL3	G	E	1	16	16	5	60947-2		63	36	N/A	0.38
1L3	Way taken by Tap Off DB/CL3												
2L1	Way taken by Tap Off DB/CL4												
2L2	Way taken by Tap Off DB/CL4												
2L3	DB/CL4	G	E	1	25	16	5	60947-2		63	36	N/A	0.38
3L1	DB/CL5	G	E	1	16	16	5	60947-2		63	36	N/A	0.38
3L2	Way taken by Tap Off DB/CL5												
3L3	Way taken by Tap Off DB/CL5												
4L1	Way taken by Tap Off DB/CL6												
4L2	DB/CL6	G	E	1	25	16	5	60947-2		63	36	N/A	0.38
4L3	Way taken by Tap Off DB/CL6												
5TP	DB/LL2	F	E	1	25	16	5	60947-2		63	36	N/A	0.38
6L1	Way taken by Tap Off DB/CL7												
6L2	Way taken by Tap Off DB/CL7												
6L3	DB/CL7	G	E	1	16	16	5	60947-2		63	36	N/A	0.38
7L1	DB/CL8	G	E	1	25	16	5	60947-2		63	36	N/A	0.38
7L2	Way taken by Tap Off DB/CL8												
7L3	Way taken by Tap Off DB/CL8												
8TP	Passenger Lift	G	E	1	10	10	0.4	60947-2		32	36	N/A	0.48
9TP	DB/PL	G	E	1	16	16	5	60947-2		63	36	N/A	0.38
10TP	MSCP DB	G	E	1	16	16	5	60947-2		20	36	N/A	0.64
11L1	SPARE												
11L2	SPARE												

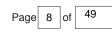
Check your certificate is genuine, go to www.checkmyniceiccert.com <http://www.checkmyniceiccert.com> and put in the certificate number

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 WIR	ING							
A	В	C	D	E	F	G	Н	0 (Other - please state)					
Thermoplastic insulated/ sheathed cables	cables	Thermoplastic cables in non-metallic conduit	cables	Thermoplastic cables in non-metallic trunking	/SWA	Thermosetting/ SWA cables	Mineral- insulated cables						
This report i	This report is based on the model forms shown in Appendix 6 of BS 7671												

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Original (To the person ordering the work)

ICNC/IPNC 1



### SCHEDULE OF TEST RESULTS FOR THE INSTALLATION - CONTINUATION

то	DIREC	ONLY IF THE DISTRIBUTION TLY TO THE ORIGIN OF THE	INSTALLATION	N	)		Test instruments (serial	numbers	s) used:
	Char	racteristics at this distrib	oution board						
	✔ ee note below	Confirmation of supply	y polarity			Earth fault loop impedance		RCD	
Z <sub>s</sub>	* 0.11	Ω Operating times of associated	At I_{\Delta n}	N/A n	าร	Insulation resistance		Multi- function	090409/9887
I <sub>pf</sub>	<sup>*</sup> 4.0		At $5I_{\Delta n}$ (if applicable)	N/A m	ıs	Continuity		Other	

						TES	T RESL	JLTS						
ber		Cir	cuit impedaı (Ω)	nces				ition resistai		Polarity	Maximum measured	One	RCD rating	
t num d line	Ring	final circuit			ircuits	Line/Line	Line/Neutral	Line/Earth	Neutral/Earth		earth fault loop	tii	mes	Test
Circuit number and line	r <sub>1</sub> (Line)	r <sub>n</sub> (Neutral)	r <sub>2</sub> (cpc)	(At least to be co (R <sub>1</sub> + R <sub>2</sub> )	one column ompleted) R <sub>2</sub>	(MΩ)	(MΩ)	(MΩ)	(MΩ)	(⁄)	impedance, Z <sub>S</sub> * (Ω)	at I <sub>∆n</sub> (ms)	at 5l <sub>∆n</sub> (if applicable) (ms)	button operation (√)
1L1														
1L2	N/A	N/A	N/A	0.02	N/A	N/A	>200	>200	>200	~	0.12	N/A	N/A	
1L3														
2L1														
2L2														
2L3	N/A	N/A	N/A	0.03	N/A	N/A	>200	>200	>200	~	0.12	N/A	N/A	
3L1	N/A	N/A	N/A	0.03	N/A	N/A	>200	>200	>200	~	0.11	N/A	N/A	
3L2														
3L3														
4L1														
4L2	N/A	N/A	N/A	0.03	N/A	N/A	>200	>200	>200	~	0.13	N/A	N/A	
4L3														
5TP	N/A	N/A	N/A	0.03	N/A	>200	>200	>200	>200	~	0.13	N/A	N/A	
6L1														
6L2														
6L3	N/A	N/A	N/A	0.03	N/A	N/A	>200	>200	>200	~	0.11	N/A	N/A	
7L1	N/A	N/A	N/A	0.03	N/A	N/A	>200	>200	>200	~	0.13	N/A	N/A	
7L2														
7L3														
8TP	N/A	N/A	N/A	0.02	N/A	>200	>200	>200	>200	~	0.12	N/A	N/A	
9TP	N/A	N/A	N/A	0.02	N/A	>200	>200	>200	>200	~	0.13	N/A	N/A	
10TP	N/A	N/A	N/A	0.04	N/A	>200	>200	>200	>200	~	0.08	N/A	N/A	
11L1														
11L2														

<sup>t</sup> Note: Where the installation can be supplied by more than one source, such as a primary source (e.g. public supply) and a secondary source (e.g. standby generator), the higher or highest values must be recorded.

Date of testing:

#### TESTED BY

Signature: J.L. Scruon

Name: JUSTIN SCRIVEN

Position: Approved Electrician

02/09/2015

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Original (To the person ordering the work)

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

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TO BE COM	IPLETED IN EVERY CASE	TO BE COMPLET	ED ONLY IF THE DISTRIBUTION BOARD	) IS NOT (	CONNECTED [	DIRECTLY TO THE	ORIGIN OF TH	E INSTALLATION	×
Location of distribution board:	Main Riser	Supply to distribution board is from:	Main Panel Board [5TP]			No of phases:	3 <sup>N</sup>	Vominal voltage: 230	V
		Overcurrent protec	tive device for the distribution circ	cuit:	RCD	Associated (if any) : BS (EN)	Not Appli	cable	
Distribution board designation:	Busbar Riser	<sup>Type:</sup> BS (EN) 60947-2		Rating:	160	A RCD No of poles:	N/A	$I_{\Delta n}$ N/A	mA

			CI	RCUI	T DET	<b>AILS</b>							
ber	Circuit designation	ng elow)	î		Ciro conduct	cuit cors: csa	ection	Overcurrent pr	otecti	ive devic		RCD	S 7671
Circuit number and line		Type of wiring (see code below)	Reference method	Number of points served	Live (mm²)	cpc (mm²)	Max. disconnection by BS 7671	BS (EN)	Туре	(E) Rating	Short-circuit E capacity	∋) Operating B current, I <sub>∆n</sub>	© Maximum Z <sub>s</sub> permitted by BS 7671
11L3	SPARE												
12L1	SPARE												
12L2	SPARE												
12L3	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 WIR	ING		
A	В	C	D	E	F	G	Н	0 (Other - please state)
Thermoplastic insulated/ sheathed cables	Thermoplastic cables in metallic conduit	Thermoplastic cables in non-metallic conduit	cables	Thermoplastic cables in non-metallic trunking	/SWA	Thermosetting/ SWA cables	Mineral- insulated cables	

Original (To the person ordering the work)

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### SCHEDULE OF TEST RESULTS FOR THE INSTALLATION - CONTINUATION

то	DIREC	TLY TO	IF THE DISTRIBUTION D THE ORIGIN OF THE ristics at this distrib	INSTALLATIO	N	TED		Test instruments (serial	numbers	s) used:
+ 6	€ note below		nfirmation of supply				Earth fault loop impedance		RCD	
	* 0.11	Ω	Operating times of associated	At $I_{\Delta n}$	N/A	ms	Insulation resistance		Multi- function	090409/9887
I <sub>pf</sub>	<sup>*</sup> 4.0	kA		At $5I_{\Delta n}$ (if applicable)	N/A	ms	Continuity		Other	

						TES	T RESU	JLTS						
Der	Circuit impedances (Ω) Ring final circuits only (measured end to end) All circuits (At least one colu							tion resistar wer or lowest		Polarity	Maximum measured	000	RCD	
: numt	Ring			All ci		Line/Line	Line/Neutral		Neutral/Earth		earth fault		rating nes I	Test
Circuit number and line	r <sub>1</sub> (Line)	r <sub>n</sub> (Neutral)	r <sub>2</sub> (cpc)	(At least o to be co (R <sub>1</sub> + R <sub>2</sub> )	ne column mpleted) R <sub>2</sub>	(MΩ)	(MΩ)	(MΩ)	(MΩ)	(1)	loop impedance, $Z_s^*$ ( $\Omega$ )	at I <sub>∆n</sub> (ms)	at 51 <sub>∆n</sub> (if applicable) (ms)	hutton
11L3														
12L1														
12L2														
12L3														

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

#### TESTED BY

Signature: J.L. Souron	Position: Approved Electrician	
Name: (CAPITALS) JUSTIN SCRIVEN	Date of testing: 02/09/2015	Page 11 of 49

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TO BE COM	IPLETED IN EVERY CASE	TO BE COMPLETED O	TO BE COMPLETED ONLY IF THE DISTRIBUTION BOARD IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION*								
Location of distribution board:	First Floor Common Room	Supply to distribution Buboard is from:	usbar Riser [1L2]	No of phases:	1 <sup>N</sup>	Nominal voltage: 23	o v				
		Overcurrent protective	e device for the distribution circ	RCD	Associated (if any) : BS (EN)	Not Appli	cable				
Distribution board designation:	DB/CL3	Type: BS (EN) 60947-2		Rating:	63	A RCD No of poles:	N/A	I <sub>Δn</sub> N/	A mA		

	CIRCUIT DETAILS												
ber	Circuit designation	lg elow)	Ŷ			cuit tors: csa	ection	Overcurrent p	rotect	ive devic		RCD	S 7671
Circuit number and line		Type of wiring (see code below)	Reference method	Number of points served	Live (mm²)	cpc (mm²)	Max. disconnection by BS 7671	BS (EN)	Type	(E) Rating	Short-circuit E capacity	∋ Operating E current, I <sub>∆n</sub>	Dermitted by BS 7671
1	Lighting Common Room	A	E	6	1.5	1	0.4	61009	С	10	10	30	2.3
2	Lighting Premium Room 1	A	E	15	1.5	1	0.4	61009	С	10	10	30	2.3
3	Lighting Premium Room 2	A	E	10	1.5	1	0.4	61009	С	10	10	30	2.3
4	Lighting Premium Room 3	A	E	10	1.5	1	0.4	61009	С	10	10	30	2.3
5	SPARE												
6	Ring main Premium Room 1	A	E	12	2.5	1.5	0.4	61009	в	32	10	30	1.44
7	Ring Main Premium Room 2	A	E	8	2.5	1.5	0.4	61009	в	32	10	30	1.44
8	Ring Main Premium Room 3	A	E	8	2.5	1	0.4	61009	в	32	10	30	1.44
9	Common Room Ring Main 1	A	E	3	2.5	1.5	0.4	61009	в	32	10	30	1.44
10	Common Room Ring Main 2	A	E	5	2.5	1.5	0.4	61009	в	32	10	30	1.44
11	Common Room Cooker 1	A	E	1	10	4	0.4	61009	в	32	10	30	1.44
12	Common Room Cooker 2	A	E	1	2.5	1.5	0.4	61009	в	32	10	30	1.44
13	SPARE												
14	SPARE												
15	SPARE												
16	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	В	C	D	E	F	G	Н	0 (Other - please state)					
Thermoplastic insulated/ sheathed cables	cables	Thermoplastic cables in non-metallic conduit	cables	Thermoplastic cables in non-metallic trunking	/SWA	Thermosetting/ SWA cables	Mineral- insulated cables						

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### **SCHEDULE OF TEST RESULTS FOR THE INSTALLATION - CONTINUATION**

DIREC	DNLY IF THE DISTRIBUTION BOARD IS NOT CONNECTED TLY TO THE ORIGIN OF THE INSTALLATION	Test instruments (serial numbers) used:
Unar	acteristics at this distribution board	
✓ ★ See note below	Confirmation of supply polarity	Earth fault loop RCD
Z <sub>s</sub> *0.12	Ω Operating times At I <sub>Δn</sub> N/A ms of associated	Insulation resistance Multi- function
l <sub>pf</sub> <sup>*</sup> 1.75	kA RCD (if any) $\begin{array}{c} At 5I_{\Delta n} \\ (if applicable) \end{array}$ N/A ms	Continuity Other

						TES	T RESI	JLTS						
ber		Circ	cuit impedaı (Ω)	nces				ation resista ower or lowes		Polarity	Maximum measured		RCD rating	
Circuit number and line		final circuits sured end to		(At least of	ircuits one column ompleted)	Line/Line	Line/Neutral	Line/Earth	Neutral/Earth		earth fault loop impedance, Z <sub>S</sub> *	tir at I <sub>∆n</sub>	nes at 51 <sub>∆n</sub> (if applicable)	Test button operation
Ci	r <sub>1</sub> (Line)	r <sub>n</sub> (Neutral)	r <sub>2</sub> (cpc)	(R <sub>1</sub> + R <sub>2</sub> )	R <sub>2</sub>	(MΩ)	(MΩ)	(MΩ)	(MΩ)	(✓)	(Ω)	(ms)	(in applicable) (ms)	(✓)
1	N/A	N/A	N/A	0.22	N/A	N/A	>200	>200	>200	~	0.35	38.1	28.1	~
2	N/A	N/A	N/A	0.91	N/A	N/A	>200	>200	>200	~	0.99	37.9	27.9	~
3	N/A	N/A	N/A	0.73	N/A	N/A	>200	>200	>200	~	0.90	38.6	28.4	~
4	N/A	N/A	N/A	0.61	N/A	N/A	>200	>200	>200	~	0.65	38.8	28.8	~
5														
6	0.47	0.47	0.70	0.28	N/A	N/A	>200	>200	>200	~	0.46	38.2	29.0	~
7	0.45	0.45	0.68	0.26	N/A	N/A	>200	>200	>200	~	0.43	38.0	28.7	~
8	0.35	0.35	0.51	0.25	N/A	N/A	>200	>200	>200	~	0.42	37.9	27.8	~
9	0.33	0.33	0.46	0.16	N/A	N/A	>200	>200	>200	~	0.26	38.9	29.2	~
10	0.38	0.38	0.54	0.23	N/A	N/A	>200	>200	>200	~	0.35	39.3	29.5	~
11	N/A	N/A	N/A	80.0	N/A	N/A	>200	>200	>200	~	0.20	38.1	28.7	~
12	N/A	N/A	N/A	0.09	N/A	N/A	>200	>200	>200	~	0.21	38.0	28.3	~
13														
14														
15														
16														

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

Date of testing:

#### TESTED BY

J.L. Server Signature:

Name: JUSTIN SCRIVEN

Position: Approved Electrician 02/09/2015

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Original (To the person ordering the work)

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TO BE COM	IPLETED IN EVERY CASE	TO BE COMPLET	ED ONLY IF THE DISTRIBUTION BOARD	) IS NOT (	CONNECTED D	IRECTLY TO THE	ORIGIN OF	THE INSTALLATIO	N*
Location of distribution board:	First Floor Common Room	Supply to distribution board is from:	Busbar Riser [2L3]		No of phases:	1	Nominal voltage: 230	V	
		Overcurrent protec	RCD	Associated (if any) : BS (EN)	Not Ap	plicable			
Distribution board designation:	DB/CL4	Type: BS (EN) 60947-2		Rating:	63	A RCD No of poles:	N/A	I <sub>Δn</sub> N/A	mA

			CI	RCUI	T DE1	<b>FAILS</b>							
per	Circuit designation	ig elow)	Ŷ		Cir	cuit tors: csa	ection	Overcurrent p	rotect	ive devic	es	RCD	\$ 7671
Circuit number and line		Type of wiring (see code below)	Reference method	Number of points served	Live (mm²)	cpc (mm²)	Max. disconnection time permitted by BS 7671	BS (EN)	Туре	(E) Rating	Short-circuit E capacity	∋ Operatring E current, I <sub>∆n</sub>	Dermitted by BS 7671
1	Lighting Common Room	A	E	6	1.5	1	0.4	61009	С	10	10	30	2.3
2	Lighting Premium Room 1	A	E	15	1.5	1	0.4	61009	С	10	10	30	2.3
3	Lighting Premium Room 2	A	E	10	1.5	1	0.4	61009	С	10	10	30	2.3
4	Lighting Premium Room 3	A	E	10	1.5	1	0.4	61009	С	10	10	30	2.3
5	SPARE												
6	Ring Main Premium Room 1	A	E	12	2.5	1.5	0.4	61009	в	32	10	30	1.44
7	Ring Main Premium Room 2	A	E	8	2.5	1.5	0.4	61009	в	32	10	30	1.44
8	Ring Main Premium Room 3	A	E	8	2.5	1	0.4	61009	в	32	10	30	1.44
9	Common Room Ring Main 1	A	E	5	2.5	1.5	0.4	61009	В	32	10	30	1.44
10	Common Room Ring Main 2	A	E	3	2.5	1.5	0.4	61009	В	32	10	30	1.44
11	Common Room Cooker 1	A	E	1	10	4	0.4	61009	В	32	10	30	1.44
12	Common Room Cooker 2	A	E	1	2.5	1.5	0.4	61009	в	32	10	30	1.44
13	SPARE												
14	SPARE												
15	SPARE												
16	SPARE												
17	SPARE												
18	SPARE												

↑ See Table 4A2 of Appendix 4 of BS 7671

				CODES FOR	TYPE OF WIR	ING					
A	В	C	D	E	F	G	Н	0 (Other - please state)			
Thermoplastic insulated/ sheathed cables	cables	Thermoplastic cables in non-metallic conduit	cables	Thermoplastic cables in non-metallic trunking	/SWA	Thermosetting/ SWA cables	Mineral- insulated cables				
This report i	his report is based on the model forms shown in Appendix 6 of BS 7671										

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ICNC/IPNC 1



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### **SCHEDULE OF TEST RESULTS FOR THE INSTALLATION - CONTINUATION**

т	DIREC	NLY IF THE DISTRIBUTION BOARD IS NOT CONNECTED 'Ly to the origin of the installation	Test instruments (serial numbers) used:						
	Char	acteristics at this distribution board							
* 6	✔ ee note below	Confirmation of supply polarity	Earth fault loop RCD						
Zs	*0.12	Ω Operating times At I <sub>Δn</sub> N/A ms of associated	Insulation resistance Multi- 090409/9887 function						
I <sub>pf</sub>	<sup>*</sup> 1.75	kA RCD (if any) $\begin{array}{c} At 5I_{\Delta n} \\ (if applicable) \end{array}$ N/A ms	Continuity Other						

TOT DECULTO

						TES	T RESL	JLTS						
ber		Cir	cuit impedaı (Ω)	nces				ition resistar		Polarity	Maximum measured	One	RCD rating	
Circuit number and line	(mea	final circuits sured end to	s only o end)	(At least o	rcuits one column impleted)	Line/Line	Line/Neutral	Line/Earth	Neutral/Earth		earth fault loop impedance,	at I <sub>Δn</sub>	nes at 51 <sub>∆n</sub>	Test button
C	r <sub>1</sub> (Line)	r <sub>n</sub> (Neutral)	r <sub>2</sub> (cpc)	(R <sub>1</sub> + R <sub>2</sub> )	R <sub>2</sub>	(MΩ)	(MΩ)	(MΩ)	(MΩ)	(🗸)	Z <sub>s</sub> * (Ω)	(ms)	(if applicable) (ms)	operation (√)
1	N/A	N/A	N/A	0.21	N/A	N/A	>200	>200	>200	~	0.35	38.0	28.8	~
2	N/A	N/A	N/A	0.83	N/A	N/A	>200	>200	>200	~	0.94	37.6	29.1	~
3	N/A	N/A	N/A	0.77	N/A	N/A	>200	>200	>200	~	0.90	38.3	27.7	~
4	N/A	N/A	N/A	0.65	N/A	N/A	>200	>200	>200	~	0.77	38.5	28.4	~
5														
6	0.45	0.45	0.69	0.25	N/A	N/A	>200	>200	>200	~	0.43	37.7	28.5	~
7	0.42	0.42	0.66	0.24	N/A	N/A	>200	>200	>200	~	0.41	39.1	29.0	~
8	0.29	0.29	0.43	0.22	N/A	N/A	>200	>200	>200	~	0.39	38.5	27.8	~
9	0.36	0.36	0.51	0.20	N/A	N/A	>200	>200	>200	~	0.32	38.1	28.1	~
10	0.30	0.30	0.43	0.17	N/A	N/A	>200	>200	>200	~	0.29	38.3	28.4	~
11	N/A	N/A	N/A	0.09	N/A	N/A	>200	>200	>200	~	0.20	38.1	28.2	~
12	N/A	N/A	N/A	0.08	N/A	N/A	>200	>200	>200	~	0.21	37.9	28.0	~
13														
14														
15														
16														
17														
18														

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

Date of testing:

#### TESTED BY

J.L. Server Signature:

Name: JUSTIN SCRIVEN

Position: Approved Electrician 02/09/2015

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Original (To the person ordering the work)

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ICNC/IPNC 2



TO BE COM	IPLETED IN EVERY CASE	TO BE COMPLETED ONLY IF THE DISTRIBUTION BOARD IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION*								
Location of distribution board:	2nd Floor Common room	Supply to distribution board is from: Busbar Riser [3L1]	No of phases: 1	Nominal voltage: 230	V					
		Overcurrent protective device for the distribution cir	cuit: RCI	Associated D (if any) : BS (EN) Not Ap	oplicable					
Distribution board designation:	DB/CL5	Type: BS (EN) 60947-2	Rating: 63	A RCD No of poles: N/A	I <sub>Δn</sub> N/A	mA				

			CI	RCUI	T DE1	<b>AILS</b>							
0er	Circuit designation	g tlow)	ŕ		Cir	cuit ors: csa	ction	Overcurrent pr	otect	tive devic	es	RCD	1671
Circuit number and line		Type of wiring (see code below)	Reference method	Number of points served	Live (mm²)	cpc (mm²)	Max. disconnection time permitted by BS 7671	BS (EN)	Type	(y) Rating	Short-circuit Capacity	∋ Operating E current, l <sub>∆n</sub>	Maximum Z <sub>s</sub> permitted by BS 7671
1	Lighting Common Room	А	E	6	1.5	1	0.4	61009	С	10	10	30	2.3
2	Lighting Premium Room 1	A	E	15	1.5	1	0.4	61009	С	10	10	30	2.3
3	Lighting Premium Room 2	А	E	10	1.5	1	0.4	61009	С	10	10	30	2.3
4	Lighting Premium Room 3	А	E	10	1.5	1	0.4	61009	С	10	10	30	2.3
5	SPARE												
6	Ring Main Premium Room 1	A	E	12	2.5	1.5	0.4	61009	в	32	10	30	1.44
7	Ring main Premium Room 2	А	E	8	2.5	1.5	0.4	61009	в	32	10	30	1.44
8	Ring Main Premium Room 3	А	E	8	2.5	1	0.4	61009	в	32	10	30	1.44
9	Common Room Ring Main 1	A	E	5	2.5	1.5	0.4	61009	в	32	10	30	1.44
10	Common Room Ring Main 2	A	E	3	2.5	1.5	0.4	61009	в	32	10	30	1.44
11	Common Room Cooker 1	A	E	1	10	4	0.4	61009	в	32	10	30	1.44
12	Common Room Cooker 2	A	E	1	2.5	1.5	0.4	61009	в	32	10	30	1.44
13	SPARE												
14	SPARE												
15	SPARE												
16	SPARE												
17	SPARE												
18	SPARE												

↑ See Table 4A2 of Appendix 4 of BS 7671

				CODES FOR	TYPE OF WIR	ING		
A	В	C	D	E	F	G	Н	0 (Other - please state)
Thermoplastic insulated/ sheathed cables	cables	Thermoplastic cables in non-metallic conduit	cables	Thermoplastic cables in non-metallic trunking	/SWA	Thermosetting/ SWA cables	Mineral- insulated cables	

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ICNC/IPNC 1

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### **SCHEDULE OF TEST RESULTS FOR THE INSTALLATION - CONTINUATION**

то	DIREC	ONLY IF THE DISTRIBUTION TLY TO THE ORIGIN OF THE	INSTALLATION	N			Test instruments (serial	numbers	s) used:
	Char	acteristics at this distrib	oution board						
	✔ ee note below	Confirmation of supply	y polarity			Earth fault loop impedance		RCD	
Z <sub>s</sub>	* 0.11	Ω Operating times of associated	At I_{\Delta n}	N/A m	IS	Insulation resistance		Multi- function	090409/9887
I <sub>pf</sub>	<sup>*</sup> 1.77		At $5I_{\Delta n}$ (if applicable)	N/A m	IS	Continuity		Other	

						TES	T RESL	JLTS						
ber		Cir	cuit impedaı (Ω)	nces				tion resistar ower or lowest		Polarity	Maximum measured	One	RCD rating	
Circuit number and line	(mea	final circuits	s only o end)	(At least o	rcuits ne column mpleted)	Line/Line	Line/Neutral	Line/Earth	Neutral/Earth		earth fault loop impedance, Z <sub>s</sub> *	at I <sub>Δn</sub>	nes at 5l <sub>∆n</sub>	Test button
Cir	r <sub>1</sub> (Line)	r <sub>n</sub> (Neutral)	r <sub>2</sub> (cpc)	(R <sub>1</sub> + R <sub>2</sub> )	R <sub>2</sub>	- (MΩ)	(MΩ)	(MΩ)	(MΩ)	(🗸)	<sup>2</sup> s (Ω)	(ms)	(if applicable) (ms)	operation (√)
1	N/A	N/A	N/A	0.24	N/A	N/A	>200	>200	>200	~	0.34	38.1	28.1	~
2	N/A	N/A	N/A	0.77	N/A	N/A	>200	>200	>200	~	0.89	38.6	27.1	~
3	N/A	N/A	N/A	0.74	N/A	N/A	>200	>200	>200	~	0.86	37.9	29.0	~
4	N/A	N/A	N/A	0.67	N/A	N/A	>200	>200	>200	~	0.79	38.0	28.8	~
5														
6	0.43	0.43	0.66	0.25	N/A	N/A	>200	>200	>200	~	0.45	38.2	28.9	~
7	0.43	0.43	0.65	0.27	N/A	N/A	>200	>200	>200	~	0.46	38.4	29.4	~
8	0.30	0.30	0.44	0.24	N/A	N/A	>200	>200	>200	~	0.40	39.1	28.7	~
9	0.31	0.31	0.43	0.16	N/A	N/A	>200	>200	>200	~	0.25	38.2	27.6	~
10	0.38	0.38	0.53	0.27	N/A	N/A	>200	>200	>200	~	0.58	38.4	28.5	~
11	N/A	N/A	N/A	0.09	N/A	N/A	>200	>200	>200	~	0.20	38.1	28.7	~
12	N/A	N/A	N/A	0.10	N/A	N/A	>200	>200	>200	~	0.21	38.0	27.6	~
13														
14														
15														
16														
17														
18														
					-									

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

Date of testing:

#### TESTED BY

J.L. Server Signature:

Name: JUSTIN SCRIVEN

Position: Approved Electrician 02/09/2015

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ICNC/IPNC 2



TO BE COM	IPLETED IN EVERY CASE	TO BE COMPLET	ED ONLY IF THE DISTRIBUTION BOARD	IS NOT (	ONNECTED D	IRECTLY TO THE	ORIGIN OF TH	HE INSTALLATI	DN*
Location of distribution board:	Second Floor Common Room	Supply to distribution board is from:	Busbar Riser [4L2]			No of phases:	1	Nominal voltage: 230	) V
		Overcurrent protec	tive device for the distribution circ	uit:	RCD	Associated (if any) : BS (EN)	Not Appl	icable	
Distribution board designation:	DB/CL6	Type: BS (EN) 60947-2		Rating:	63	A RCD No of poles:	N/A	I <sub>Δn</sub> N/A	mA

			CII	RCUI	T DE1	<b>FAILS</b>							
ber	Circuit designation	ig elow)	î			cuit tors: csa	action	Overcurrent p	rotect	tive devic		RCD	S 7671
Circuit number and line		Type of wiring (see code below)	Reference method	Number of points served	Live (mm²)	cpc (mm²)	Max. disconnection	BS (EN)	Туре	(E) Rating	Short-circuit E capacity	∋ Operating E current, I <sub>∆n</sub>	Dermitted by BS 7671
1	Lighting Common Room	A	E	6	1.5	1	0.4	61009	С	10	10	30	2.3
2	Lighting Premium Room 1	A	E	15	1.5	1	0.4	61009	С	10	10	30	2.3
3	Lighting Premium Room 2	A	E	10	1.5	1	0.4	61009	С	10	10	30	2.3
4	Lighting Premium Room 3	A	E	10	1.5	1	0.4	61009	С	10	10	30	2.3
5	SPARE												
6	Ring Main Premium Room 1	A	E	12	2.5	1.5	0.4	61009	в	32	10	30	1.44
7	Ring Main Premium Room 2	A	E	8	2.5	1.5	0.4	61009	в	32	10	30	1.44
8	Ring Main Premium Room 3	A	E	8	2.5	1	0.4	61009	В	32	10	30	1.44
9	Common Room Ring Main 1	A	E	5	2.5	1.5	0.4	61009	В	32	10	30	1.44
10	Common Room Ring Main 2	A	E	3	2.5	1.5	0.4	61009	в	32	10	30	1.44
11	Common Room Cooker 1	A	E	1	10	4	0.4	61009	В	32	10	30	1.44
12	Common Room Cooker 2	A	E	1	2.5	1.5	0.4	61009	в	32	10	30	1.44
13	SPARE												
14	SPARE												
15	SPARE												
16	SPARE												
17	SPARE												
18	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

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

				CODES FOR	TYPE OF WIR	ING		
A	В	C	D	E	F	G	Н	0 (Other - please state)
Thermoplastic insulated/ sheathed cables	cables	Thermoplastic cables in non-metallic conduit	cables	Thermoplastic cables in non-metallic trunking	/SWA	Thermosetting/ SWA cables	Mineral- insulated cables	

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ICNC/IPNC 1



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### **SCHEDULE OF TEST RESULTS FOR THE INSTALLATION - CONTINUATION**

т		ONLY IF THE DISTRIBUTION TLY TO THE ORIGIN OF THE			)		Test instruments (serial	numbers	s) used:
	Char	racteristics at this distrib	bution board						
* 9	✔ ee note below	Confirmation of suppl	ly polarity			Earth fault loop impedance		RCD	
Zs	*0.13	Ω Operating times of associated	At I_{\Delta n}	N/A m	ıs	Insulation resistance		Multi- function	090409/9887
I <sub>pf</sub>	<sup>*</sup> 1.77		$\begin{array}{l} \text{At 5I}_{\Delta n} \\ \text{(if applicable)} \end{array}$	N/A m	ıs	Continuity		Other	

TOT DECULTO

						TES	T RESL	JLTS						
ber		Cir	cuit impedaı (Ω)	nces				ition resistar		Polarity	Maximum measured	One	RCD rating	
Circuit number and line	Ring (mea	final circuit	s only o end)		ircuits one column	Line/Line	Line/Neutral	Line/Earth	Neutral/Earth		earth fault loop impedance,	at I <sub>Δn</sub>	at 51 <sub>Δn</sub>	Test button
Circu	r <sub>1</sub> (Line)	r <sub>n</sub> (Neutral)	r <sub>2</sub> (cpc)	$(R_1 + R_2)$	mpleted) R <sub>2</sub>	 (MΩ)	(MΩ)	(MΩ)	(MΩ)	(⁄)	Z <sub>s</sub> * (Ω)	(ms)	(if applicable) (ms)	
1	N/A	N/A	N/A	0.24	N/A	N/A	>200	>200	>200	~	0.36	38.1	28.2	~
2	N/A	N/A	N/A	0.79	N/A	N/A	>200	>200	>200	~	0.90	38.4	28.0	~
3	N/A	N/A	N/A	0.75	N/A	N/A	>200	>200	>200	~	0.89	38.2	28.6	~
4	N/A	N/A	N/A	0.69	N/A	N/A	>200	>200	>200	~	0.80	39.0	29.0	~
5														
6	0.45	0.45	0.69	0.24	N/A	N/A	>200	>200	>200	~	0.42	37.8	27.9	~
7	0.41	0.41	0.63	0.22	N/A	N/A	>200	>200	>200	~	0.41	38.1	28.4	~
8	0.34	0.34	0.51	0.23	N/A	N/A	>200	>200	>200	~	0.39	38.4	28.0	~
9	0.41	0.41	0.61	0.25	N/A	N/A	>200	>200	>200	~	0.38	38.1	28.3	~
10	0.31	0.31	0.48	0.21	N/A	N/A	>200	>200	>200	~	0.34	38.3	28.4	~
11	N/A	N/A	N/A	0.09	N/A	N/A	>200	>200	>200	~	0.22	38.0	28.1	~
12	N/A	N/A	N/A	0.10	N/A	N/A	>200	>200	>200	~	0.25	37.9	28.5	~
13														
14														
15														
16														
17														
18														

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

Date of testing:

#### TESTED BY

J.L. Server Signature:

Name: JUSTIN SCRIVEN

Position: Approved Electrician 02/09/2015

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Original (To the person ordering the work)

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ICNC/IPNC 2



TO BE COM	IPLETED IN EVERY CASE	TO BE COMPLETED ONLY IF THE DISTRIBUTION BOARD	) IS NOT CONNECTED	DIRECTLY TO THE ORIGIN O	F THE INSTALLATION	*
Location of distribution board:	Second Floor Corridor	Supply to distribution board is from: Busbar Riser [5TP]		No of phases: 3	Nominal voltage: 400	V
		Overcurrent protective device for the distribution circ	cuit: RC	Associated D (if any) : BS (EN)	pplicable	
Distribution board designation:	DB/LL2	Type: BS (EN) 60947-2	Rating: 63	A RCD No of poles: N/A	I <sub>Δn</sub> N/A	mA

			CI	RCUI	T DET	AILS							
ber	Circuit designation	ig slow)	Ŷ			cuit ors: csa		Overcurrent pr	otect	ive devic		RCD	5 7671
Circuit number and line		Type of wiring (see code below)	Reference method	Number of points served	Live (mm²)	cpc (mm²)	Max. disconnection time permitted by BS 7671	BS (EN)	Type	(E) Rating	Short-circuit E capacity	∋ Operating E current, I <sub>∆n</sub>	© Maximum Z <sub>s</sub> © permitted by BS 7671
1TP	DB/LL2/L	G	E	1	25	16	5	60947-2		63	36	N/A	0.38
2TP	DB/LL2/P	G	E	1	25	16	5	60947-2		63	36	N/A	0.38

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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 WIR	ING		
A	В	C	D	E	F	G	Н	0 (Other - please state)
Thermoplastic insulated/ sheathed cables	cables	Thermoplastic cables in non-metallic conduit	cables	Thermoplastic cables in non-metallic trunking	/SWA	Thermosetting/ SWA cables	inculated	FP200/Firetuff

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### SCHEDULE OF TEST RESULTS FOR THE INSTALLATION - CONTINUATION

то	DIREC	TLY T	IF THE DISTRIBUTION O THE ORIGIN OF THE ristics at this distrib	INSTALLATIO	N	FED		Test instruments (serial	l numbers	s) used:
	Gnar									
	e note below	U	onfirmation of suppl	y polarity			Earth fault loop impedance		RCD	
	* 0.13	Ω	Operating times of associated	At $I_{\Delta n}$	N/A	ms	Insulation resistance		Multi- function	090409/9887
I <sub>pf</sub>	*3.0	kА	RCD (if any)	At $5I_{\Delta n}$ (if applicable)	N/A	ms	Continuity		Other	

FEAT DECULTO

						TES	T RESL	JLTS						
oer		Cir	cuit impedaı ( <u>Ω</u> )	nces				tion resistar ower or lowest		Polarity	Maximum measured	 	RCD rating	
t numl d line	Ring	final circuit sured end to			ircuits	Line/Line	Line/Neutral		Neutral/Earth		earth fault loop	tir	nes	Test
Circuit number and line	r <sub>1</sub> (Line)	r <sub>n</sub> (Neutral)	r <sub>2</sub> (cpc)	(At least of to be co (R <sub>1</sub> + R <sub>2</sub> )	one column ompleted) R <sub>2</sub>	(MΩ)	(MΩ)	(MΩ)	(MΩ)	(√)	impedance, Z <sub>S</sub> * (Ω)	at I <sub>∆n</sub> (ms)	at 51 <sub>∆n</sub> (if applicable) (ms)	button
1TP	N/A	N/A	N/A	0.03	N/A	>200	>200	>200	>200		0.13	N/A	N/A	
2TP	N/A	N/A	N/A	0.03	N/A	>200	>200	>200	>200	~	0.13	N/A	N/A	

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

#### TESTED BY

ICNC/IPNC 2

Signature:	J.L. Scrwon	Position:	Approved Electrician	Page 21 of 49
Name: (CAPITALS)	JUSTIN SCRIVEN	Date of testing:	02/09/2015	Page 21 of 49

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TO BE COM	MPLETED IN EVERY CASE	TO BE COMPLETED ONLY IF THE DISTRIBUTION BOARD IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION*									
Location of distribution board:	Riser Cupboard	Supply to distribution board is from:	DB/LL2 [1TP]			No of phases:	3	Nominal voltage: 400	V		
		Overcurrent protect	tive device for the distribution cire	uit:	RCD	Associated (if any) : BS (EN)	Not App	olicable			
Distribution board designation:	DB/LL2/L	Type: BS (EN) 60947-2		Rating:	63	A RCD No of poles:	N/A	$I_{\Delta n}$ N/A	mA		

			CII	RCUI	T DE	<b>TAILS</b>							
ber	Circuit designation	ig elow)	î		Cir	cuit tors: csa	ection	Overcurrent pr	otect	ive devic		RCD	\$ 7671
Circuit number and line		Type of wiring (see code below)	Reference method	Number of points served	Live (mm²)	cpc (mm²)	Max. disconnection time permitted by BS 7671	BS (EN)	Type	(E) Rating	Short-circuit E capacity	∋ Operating E current, I <sub>∆n</sub>	Dermitted by BS 7671
1L1	3rd Floor Circulation lighting	А	E	7	1.5	1	0.4	61009	С	10	10	30	2.3
1L2	SPARE												
1L3	Second Floor Circulation Lighting	А	E	7	1.5	1	0.4	61009	С	10	10	30	2.3
2L1	3rd Floor Circulation Lighting	A	E	10	1.5	1	0.4	61009	С	10	10	30	2.3
2L2	SPARE												
2L3	2nd Floor Circulation Lighting	A	E	10	1.5	1	0.4	61009	С	10	10	30	2.3
3L1	3rd Floor Stairwell Lighting	A	E	6	1.5	1	0.4	61009	С	10	10	30	2.3
3L2	SPARE												
3L3	2nd Floor Stairwell Lighting	A	E	6	1.5	1	0.4	61009	С	10	10	30	2.3
4L1	SPARE												
4L2	SPARE												
4L3	SPARE												
5L1	SPARE												
5L2	SPARE												
5L3	SPARE												
6L1	SPARE												
6L2	SPARE												
6L3	SPARE												

<http://www.checkmyniceiccert.com> and put in the certificate number

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\* 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

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

	CODES FOR TYPE OF WIRING												
A	В	C	D	E	F	G	Н	0 (Other - please state)					
Thermoplastic insulated/ sheathed cables	Thermoplastic cables in metallic conduit	Thermoplastic cables in non-metallic conduit	cables	Thermoplastic cables in non-metallic trunking	/SWA	Thermosetting/ SWA cables	Mineral- insulated cables						

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ICNC/IPNC 1

Schedule of Test Results

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### SCHEDULE OF TEST RESULTS FOR THE INSTALLATION - CONTINUATION

тс		ONLY IF THE DISTRIBUTION TLY TO THE ORIGIN OF THE			)		Test instruments (serial	number	s) used:
	Char	acteristics at this distrib	oution board						
* SI	✔ ee note below	Confirmation of supply	y polarity			Earth fault loop impedance		RCD	
Zs	<sup>*</sup> 0.13	Ω Operating times of associated	At I_{\Delta n}	N/A r	ns	Insulation resistance		Multi- function	090409/9887
I <sub>pf</sub>	* 3.0		$\begin{array}{l} \text{At 5I}_{\Delta n} \\ \text{(if applicable)} \end{array}$	N/A r	ns	Continuity		Other	

TOT DECULTO

						TES	T RESI	JLTS						
ber		Circ	cuit impedaı (Ω)	nces				ation resistar		Polarity	Maximum measured	One	RCD rating	
t num d line	Ring	final circuits	s only		ircuits	Line/Line	Line/Neutral	Line/Earth	Neutral/Earth		earth fault loop	tir	nes	Test
Circuit number and line	r <sub>1</sub> (Line)	r <sub>n</sub> (Neutral)	r <sub>2</sub> (cpc)	(At least to be co (R <sub>1</sub> + R <sub>2</sub> )	one column ompleted) R <sub>2</sub>	(MΩ)	(MΩ)	(MΩ)	(MΩ)	(⁄)	impedance, Z <sub>S</sub> * (Ω)	at I <sub>∆n</sub> (ms)	at 5l <sub>∆n</sub> (if applicable) (ms)	button operation (√)
1L1	N/A	N/A	N/A	0.58	N/A	N/A	>200	>200	>200	~	0.71	38.1	28.3	~
1L2														
1L3	N/A	N/A	N/A	0.53	N/A	N/A	>200	>200	>200	~	0.64	37.9	28.4	~
2L1	N/A	N/A	N/A	0.52	N/A	N/A	>200	>200	>200	~	0.65	39.1	27.9	~
2L2														
2L3	N/A	N/A	N/A	0.49	N/A	N/A	>200	>200	>200	~	0.61	38.3	28.1	~
3L1	N/A	N/A	N/A	0.41	N/A	N/A	>200	>200	>200	~	0.51	38.0	28.4	~
3L2														
3L3	N/A	N/A	N/A	0.38	N/A	N/A	>200	>200	>200	~	0.50	38.1	28.2	~
4L1														
4L2														
4L3														
5L1														
5L2														
5L3														
6L1														
6L2														
6L3														

<sup>t</sup> Note: Where the installation can be supplied by more than one source, such as a primary source (e.g. public supply) and a secondary source (e.g. standby generator), the higher or highest values must be recorded.

#### TESTED BY

Signature:	J.L. Scrwon	Position:	Approved Electrician	Page 23 of 49
Name: (CAPITALS)	JUSTIN SCRIVEN	Date of testing:	02/09/2015	Fage 23 01 10

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ICNC/IPNC 2



TO BE COM	IPLETED IN EVERY CASE	TO BE COMPLETED ONLY IF THE DISTRIBUTION BOARD IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION*									
Location of distribution board:	Riser Cupboard	Supply to distribution board is from:	DB/LL2 [2TP]			No of phases:	3	Nominal voltage: 400	V		
		Overcurrent protect	tive device for the distribution circ	cuit:	RCD	Associated (if any) : BS (EN)	Not App	licable			
Distribution board designation:	DB/LL2/P	Type: BS (EN) 60947-2		Rating:	63	A RCD No of poles:	N/A	$I_{\Delta n}$ N/A	mA		

			CI	RCUI	T DE1	<b>FAILS</b>							
ber	Circuit designation	lg elow)	Ŷ		Cir conduct	cuit tors: csa	ection	Overcurrent p	protect	ive devic	es	RCD	S 7671
Circuit number and line		Type of wiring (see code below)	Reference method	Number of points served	Live (mm²)	cpc (mm²)	Max. disconnection	BS (EN)	Туре	(E) Rating	Short-circuit E capacity	∋ Operating E current, I <sub>∆n</sub>	Dermitted by BS 7671
1L1	2nd Floor Cleaners Sockets	A	E	5	2.5	1.5	0.4	61009	в	32	10	30	1.44
1L2	3rd Floor Cleaners Sockets	A	E	5	2.5	1.5	0.4	61009	в	32	10	30	1.44
1L3	SPARE												
2L1	2nd Floor Smoke Shaft AOD	0	E	1	2.5	2.5	0.4	60898	С	16	10	N/A	1.44
2L2	3rd Floor Smoke Shaft AOD	0	E	1	2.5	2.5	0.4	60898	С	16	10	N/A	1.44
2L3	SPARE												
3L1	SPARE												
3L2	3rd Floor Head of Staircore AOV	0	E	1	2.5	2.5	0.4	60898	С	16	10	N/A	1.44
3L3	SPARE												
4L1	SPARE												
4L2	SPARE												
4L3	SPARE												
5L1	SPARE												
5L2	SPARE												
5L3	SPARE												
6L1	SPARE												
6L2	SPARE												
6L3	SPARE												
7L1	SPARE												
7L2	SPARE												
7L3	SPARE												
8L1	SPARE												
8L2	SPARE												
8L3	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	В	C	D	E	F	G	Н	0 (Other - please state)					
Thermoplastic insulated/ sheathed cables	cables	Thermoplastic cables in non-metallic conduit	cables	Thermoplastic cables in non-metallic trunking	Thermoplastic /SWA cables	Thermosetting/ SWA cables	inculated	FP200/Firetuff					

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### **SCHEDULE OF TEST RESULTS FOR THE INSTALLATION - CONTINUATION**

TO BE COMPLETED ONLY IF THE DISTRIBUTION BOARD IS NOT CONNECTED Directly to the origin of the installation	Test instruments (serial numbers) used:
Characteristics at this distribution board	
Confirmation of supply polarity     * See note below	Earth fault loop RCD
$Z_s \stackrel{*}{=} 0.13 \qquad \Omega$ Operating times At $I_{\Delta n}$ N/A ms of associated	Insulation Multi- resistance function
$I_{pf}$ * 3.0 kA RCD (if any) $At 5I_{\Delta n}$ (if applicable) N/A ms	Continuity Other

						TES	T RESL	JLTS						
ber		Cir	cuit impedaı (Ω)	nces				ation resista ower or lowes		Polarity	Maximum measured	Ope	RCD rating	
Circuit number and line	Ring (mea	final circuit	s only o end)		ircuits one column	Line/Line	Line/Neutral	Line/Earth	Neutral/Earth		earth fault loop impedance,	tir at l∆n	nes at 51 <sub>∆n</sub>	Test
Circu aı	r <sub>1</sub> (Line)	r <sub>n</sub> (Neutral)	r <sub>2</sub> (cpc)	$(R_1 + R_2)$	mpleted)	(MΩ)	(MΩ)	(MΩ)	(MΩ)	(1)	Z <sub>s</sub> *	(ms)	(if applicable) (ms)	button operation (√)
1L1	0.84	0.84	1.21	0.33	N/A	N/A	>200	>200	>200	~	0.40	37.9	28.6	~
1L2	1.04	1.04	1.43	38.1	N/A	N/A	>200	>200	>200	~	29.1	38.1	29.0	~
1L3														
2L1	N/A	N/A	N/A	0.21	N/A	N/A	>200	>200	>200	~	0.31	N/A	N/A	
2L2	N/A	N/A	N/A	0.23	N/A	N/A	>200	>200	>200	~	0.34	N/A	N/A	
2L3														
3L1														
3L2	N/A	N/A	N/A	0.24	N/A	N/A	>200	>200	>200	~	0.35	N/A	N/A	
3L3														
4L1														
4L2														
4L3														
5L1														
5L2														
5L3														
6L1														
6L2														
6L3														
7L1														
7L2														
7L3														
8L1														
8L2														
8L3														

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

#### TESTED BY

Signature:	J.L. Sorwon	Position:	Approved Electrician	Page 25 of 49
Name: (CAPITALS)	JUSTIN SCRIVEN	Date of testing:	02/09/2015	Page 25 of 49

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ICNC/IPNC 2



TO BE COM	IPLETED IN EVERY CASE	TO BE COMPLET	ED ONLY IF THE DISTRIBUTION BOARD	) IS NOT (	CONNECTED D	IRECTLY TO THE	ORIGIN OF	THE INSTALLATIO	N*
Location of distribution board:	Third Floor Common Room	Supply to distribution board is from:	Busbar Riser [6L3]			No of phases:	1	Nominal voltage: 230	V
		Overcurrent protec	RCD	Associated (if any) : BS (EN)	Not App	plicable			
Distribution board designation:	DB/CL7	<sup>Type:</sup> BS (EN) 60947-2		Rating:	63	A RCD No of poles:	N/A	$I_{\Delta n} N/A$	mA

			CI	RCUI	T DE	<b>TAILS</b>							
ber	Circuit designation	ig elow)	Ŷ			cuit tors: csa	ection	Overcurrent p	orotect	tive devid		RCD	5 7671
Circuit number and line		Type of wiring (see code below)	Reference method	Number of points served	Live (mm²)	cpc (mm²)	Max. disconnection by BS 7671	BS (EN)	Type	(y) Rating	Short-circuit E capacity	∋ Operating E current, I <sub>∆n</sub>	Maximum Z <sub>s</sub> Permitted by BS 7671
1	Lighting Common Room	А	E	6	1.5	1	0.4	61009	С	10	10	30	2.3
2	Lighting Bedroom 1	A	E	15	1.5	1	0.4	61009	С	10	10	30	2.3
3	Lighting Bedroom 2	A	E	10	1.5	1	0.4	61009	С	10	10	30	2.3
4	Lighting Bedroom 3	A	E	10	1.5	1	0.4	61009	С	10	10	30	2.3
5	SPARE												
6	Ring Main Bedroom 1	A	E	12	2.5	1.5	0.4	61009	В	32	10	30	1.44
7	Ring Main Bedroom 2	A	E	8	2.5	1.5	0.4	61009	В	32	10	30	1.44
8	Ring Main Bedroom 3	A	E	8	2.5	1	0.4	61009	В	32	10	30	1.44
9	Common Room Ring Main 1	A	E	6	2.5	1.5	0.4	61009	В	32	10	30	1.44
10	Common Room Ring Main 2	A	E	5	2.5	1.5	0.4	61009	В	32	10	30	1.44
11	Common Room Cooker 1	A	E	1	10	4	0.4	61009	В	32	10	30	1.44
12	Common Room Cooker 2	A	E	1	2.5	1.5	0.4	61009	В	32	10	30	1.44
13	SPARE												
14	SPARE												
15	SPARE												
16	SPARE												
17	SPARE												
18	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	В	C	D	E	F	G	Н	0 (Other - please state)				
Thermoplastic insulated/ sheathed cables	Thermoplastic cables in metallic conduit	Thermoplastic cables in non-metallic conduit	cables	Thermoplastic cables in non-metallic trunking	/SWA	Thermosetting/ SWA cables	Mineral- insulated cables					

Check your certificate is genuine, go to www.checkmyniceiccert.com <a href="http://www.checkmyniceiccert.com">http://www.checkmyniceiccert.com</a> and put in the certificate number

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See next page for Schedule of Test Results

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### **SCHEDULE OF TEST RESULTS FOR THE INSTALLATION - CONTINUATION**

то	DIREC	ONLY IF THE DISTRIBUTION TLY TO THE ORIGIN OF THE	INSTALLATION	N			Test instruments (serial	numbers	s) used:
	Char	racteristics at this distrib	oution board						
	✔ ee note below	Confirmation of suppl	y polarity			Earth fault loop impedance		RCD	
Zs	* 0.11	Ω Operating times of associated	At I_{\Delta n}	N/A m	าร	Insulation resistance		Multi- function	090409/9887
I <sub>pf</sub>	<sup>*</sup> 2.0		$ \begin{array}{l} \text{At 5I}_{\Delta n} \\ \text{(if applicable)} \end{array} $	N/A m	ıs	Continuity		Other	

	TEST RESULTS													
ber		Cir	cuit impedaı (Ω)	nces				ition resistar		Polarity	Maximum measured	Ope	RCD rating	1
Circuit number and line	Ring (mea	final circuit	s only o end)		i <b>rcuits</b> one column	Line/Line	Line/Neutral	Line/Earth	Neutral/Earth		earth fault loop impedance,		at 51 <sub>Δn</sub>	Test button
Circu	r <sub>1</sub> (Line)	r <sub>n</sub> (Neutral)	r <sub>2</sub> (cpc)	$(R_1 + R_2)$	mpleted)	- (MΩ)	(MΩ)	(MΩ)	(MΩ)	(⁄)	Z <sub>s</sub> * (Ω)	(ms)	(if applicable) (ms)	
1	N/A	N/A	N/A	0.24	N/A	N/A	>200	>200	>200	~	0.34	38.0	28.7	~
2	N/A	N/A	N/A	0.79	N/A	N/A	>200	>200	>200	~	0.91	38.1	28.8	~
3	N/A	N/A	N/A	0.75	N/A	N/A	>200	>200	>200	~	0.88	37.9	29.0	~
4	N/A	N/A	N/A	0.68	N/A	N/A	>200	>200	>200	~	0.79	38.4	28.6	~
5														
6	0.42	0.42	0.57	0.24	N/A	N/A	>200	>200	>200	~	0.43	37.8	28.8	~
7	0.42	0.42	0.83	0.23	N/A	N/A	>200	>200	>200	~	0.42	39.2	29.0	~
8	0.34	0.34	0.54	0.19	N/A	N/A	>200	>200	>200	~	0.36	37.9	28.8	~
9	0.36	0.36	0.58	0.23	N/A	N/A	>200	>200	>200	~	0.34	38.1	29.0	~
10	0.31	0.31	0.50	0.17	N/A	N/A	>200	>200	>200	~	0.28	38.3	28.8	~
11	N/A	N/A	N/A	0.09	N/A	N/A	>200	>200	>200	~	0.20	38.1	28.2	~
12	N/A	N/A	N/A	0.10	N/A	N/A	>200	>200	>200	~	0.21	38.0	28.6	~
13														
14														
15														
16														
17														
18														

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

Date of testing:

#### TESTED BY

J.L. Server Signature:

Name: JUSTIN SCRIVEN

Position: Approved Electrician 02/09/2015

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ICNC/IPNC 2



TO BE COM	IPLETED IN EVERY CASE	TO BE COMPLET	ED ONLY IF THE DISTRIBUTION BOARD	) IS NOT (	CONNECTED D	IRECTLY TO THE	ORIGIN OF	THE INSTALLATIO	N*
Location of distribution board:	Third Floor Common Room	Supply to distribution board is from:	Busbar Riser [7L1]			No of phases:	1	Nominal voltage: 230	V
		Overcurrent protec	RCD	Associated (if any) : BS (EN)	Not App	plicable			
Distribution board designation:	DB/CL8	<sup>Type:</sup> BS (EN) 60947-2		Rating:	63	A RCD No of poles:	N/A	$I_{\Delta n}$ N/A	mA

			CI	RCUI	T DE	<b>TAILS</b>							
ber	Circuit designation	ig elow)	î			cuit tors: csa	ection	Overcurrent p	orotect	tive devid			5 7671
Circuit number and line		Type of wiring (see code below)	Reference method	Number of points served	Live (mm²)	cpc (mm²)	Max. disconnection with BS 7671	BS (EN)	Type	(y) Rating	Short-circuit E capacity	∋ Operating E current, I <sub>∆n</sub>	Maximum Z <sub>s</sub> Permitted by BS 7671
1	Lighting Common Room	А	E	6	1.5	1	0.4	61009	С	10	10	30	2.3
2	Lighting Bedroom 1	A	E	15	1.5	1	0.4	61009	С	10	10	30	2.3
3	Lighting Bedroom 2	A	E	10	1.5	1	0.4	61009	С	10	10	30	2.3
4	Lighting Bedroom 3	A	E	10	1.5	1	0.4	61009	С	10	10	30	2.3
5	SPARE												
6	Ring Main Bedroom 1	A	E	12	2.5	1.5	0.4	61009	В	32	10	30	1.44
7	Ring Main Bedroom 2	A	E	8	2.5	1.5	0.4	61009	В	32	10	30	1.44
8	Ring Main Bedroom 3	A	E	8	2.5	1	0.4	61009	В	32	10	30	1.44
9	Common Room Ring Main 1	A	E	5	2.5	1.5	0.4	61009	В	32	10	30	1.44
10	Common Room Ring Main 2	A	E	3	2.5	1.5	0.4	61009	В	32	10	30	1.44
11	Common Room Cooker 1	A	E	1	10	4	0.4	61009	В	32	10	30	1.44
12	Common Room Cooker 2	A	E	1	2.5	1.5	0.4	61009	В	32	10	30	1.44
13	SPARE												
14	SPARE												
15	SPARE												
16	SPARE												
17	SPARE												
18	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	В	C	D	E	F	G	Н	0 (Other - please state)				
Thermoplastic insulated/ sheathed cables	cables	Thermoplastic cables in non-metallic conduit	cables	Thermoplastic cables in non-metallic trunking	/SWA	Thermosetting/ SWA cables	Mineral- insulated cables					
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Original (To the person ordering the work)

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See next page for Schedule of Test Results



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### **SCHEDULE OF TEST RESULTS FOR THE INSTALLATION - CONTINUATION**

то	DIREC	ONLY IF THE DISTRIBUTION BOARD IS NOT CONNECTED Ily to the origin of the installation	Test instruments (serial numbers) used:					
	Char	acteristics at this distribution board						
0	✔ ee note below	Confirmation of supply polarity	Earth fault loop RCD					
Zs	* 0.13	Ω Operating times At I <sub>Δn</sub> N/A ms	Insulation resistance Multi- function					
I <sub>pf</sub>	<sup>*</sup> 1.78	kA RCD (if any) $\begin{array}{c} At 5I_{\Delta n} \\ (if applicable) \end{array}$ N/A ms	Continuity Other					

						TES	T RESL	JLTS						
ber		Cir	cuit impedaı (Ω)	nces				ation resistar ower or lowest		Polarity	Maximum measured	Ope	RCD rating	1
Circuit number and line		final circuits sured end to		(At least	ircuits one column ompleted)	Line/Line	Line/Neutral	Line/Earth	Neutral/Earth		earth fault loop impedance, Z <sub>s</sub> *	at I <sub>Δn</sub>	nes at 5l <sub>∆n</sub>	Test button
Cir	r <sub>1</sub> (Line)	r <sub>n</sub> (Neutral)	r <sub>2</sub> (cpc)	(R <sub>1</sub> + R <sub>2</sub> )	R <sub>2</sub>	(MΩ)	(MΩ)	(MΩ)	(MΩ)	(✓)	<sup>2</sup> s (Ω)	(ms)	(if applicable) (ms)	operation (√)
1	N/A	N/A	N/A	0.21	N/A	N/A	>200	>200	>200	~	0.35	38.0	28.0	~
2	N/A	N/A	N/A	0.81	N/A	N/A	>200	>200	>200	~	0.95	38.2	28.6	~
3	N/A	N/A	N/A	0.76	N/A	N/A	>200	>200	>200	~	0.88	37.9	28.8	~
4	N/A	N/A	N/A	0.65	N/A	N/A	>200	>200	>200	~	0.78	38.5	27.9	~
5														
6	0.42	0.42	0.67	0.24	N/A	N/A	>200	>200	>200	~	0.41	39.0	28.3	~
7	0.42	0.42	0.65	0.23	N/A	N/A	>200	>200	>200	~	0.41	38.6	28.5	~
8	0.42	0.42	0.46	0.19	N/A	N/A	>200	>200	>200	~	0.38	38.1	29.0	<
9	0.35	0.35	0.53	0.23	N/A	N/A	>200	>200	>200	~	0.38	37.9	27.8	~
10	0.32	0.32	0.49	0.29	N/A	N/A	>200	>200	>200	~	0.42	38.3	28.0	~
11	N/A	N/A	N/A	0.10	N/A	N/A	>200	>200	>200	~	0.11	38.1	28.2	~
12	N/A	N/A	N/A	0.11	N/A	N/A	>200	>200	>200	~	0.12	38.4	28.5	~
13														
14														
15														
16														
17														
18														

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

Date of testing:

#### TESTED BY

J.L. Server Signature:

Name: JUSTIN SCRIVEN

Position: Approved Electrician 02/09/2015

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ICNC/IPNC 2



TO BE COM	MPLETED IN EVERY CASE	TO BE COMPLETED ONLY IF THE DISTRIBUTION BOAI	TO BE COMPLETED ONLY IF THE DISTRIBUTION BOARD IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION*								
Location of distribution board:	Plant Room	Supply to distribution board is from: Busbar Riser [9TP]	No of phases: 3	Nominal voltage: 400	V						
		Overcurrent protective device for the distribution ci	rcuit: RC	Associated CD (if any) : BS (EN) Not Ap	oplicable						
Distribution board designation:	DB/PL	Type: BS (EN) 60947-2	Rating: 63	A RCD No of poles: N/A	I <sub>Δn</sub> N/A	mA					

			CIF	RCUI	T DE1	<b>FAILS</b>							
ber	Circuit designation	ig elow)	î		Cir conduct	cuit tors: csa	ection	Overcurrent pr	otect	ive devic		RCD	S 7671
Circuit number and line		Type of wiring (see code below)	Reference method	Number of points served	Live (mm²)	cpc (mm²)	Max. disconnection time permitted by BS 7671	BS (EN)	Type	(E) Rating	Short-circuit E capacity	∋ Operating E current, I <sub>∆n</sub>	© Maximum Z <sub>s</sub> © permitted by BS 7671
1TP	DB/PL/L	G	E	1	16	16	5	60947-2		63	36	N/A	0.38
2TP	DB/PL/P	G	E	1	16	16	5	60947-2		63	36	N/A	0.38
													4
													1

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	В	C	D	E	F	G	Н	0 (Other - please state)					
Thermoplastic insulated/ sheathed cables	cables	Thermoplastic cables in non-metallic conduit	cables	Thermoplastic cables in non-metallic trunking	/SWA	Thermosetting/ SWA cables	Mineral- insulated cables						
This report i	his report is based on the model forms shown in Appendix 6 of BS 7671												



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### SCHEDULE OF TEST RESULTS FOR THE INSTALLATION - CONTINUATION

DIRE	ONLY IF THE DISTRIBUTION BOARD IS NOT CONNECTED CTLY TO THE ORIGIN OF THE INSTALLATION racteristics at this distribution board	Test instruments (serial numbers) used:
Ulla		
~	Confirmation of supply polarity	Earth fault loop RCD
★ See note below ★		
Z <sub>s</sub> 0.13	Ω Operating times At I <sub>Δn</sub> N/A ms of associated	Insulation Multi- resistance function 090409/9887
l <sub>pf</sub> <sup>*</sup> 2.87	kA RCD (if any) At $5I_{\Delta n}$ N/A ms	Continuity Other

FEAT DECULTO

						TES	T RESL	JLTS						
oer		Cir	cuit impedaı ( <u>Ω</u> )	nces				tion resistar ower or lowest		Polarity	Maximum measured	 	RCD rating	
t numl d line	Ring	final circuit sured end to			ircuits	Line/Line	Line/Neutral		Neutral/Earth		earth fault loop	tir	nes	Test
Circuit number and line	r <sub>1</sub> (Line)	r <sub>n</sub> (Neutral)	r <sub>2</sub> (cpc)	(At least to be co (R <sub>1</sub> + R <sub>2</sub> )	one column ompleted) R <sub>2</sub>	(MΩ)	(MΩ)	(MΩ)	(MΩ)	(1)	impedance, Z <sub>S</sub> * (Ω)	at I <sub>∆n</sub> (ms)	at 51 <sub>∆n</sub> (if applicable) (ms)	button
1TP	N/A	N/A	N/A	0.02	N/A	>200	>200	>200	>200	~	0.12	N/A	N/A	
2TP	N/A	N/A	N/A	0.02	N/A	>200	>200	>200	>200	~	0.12	N/A	N/A	

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

#### TESTED BY

Signature:	f. L. Scrwon	Position:	Approved Electrician	Page 31 of 49
Name: (CAPITALS)	JUSTIN SCRIVEN	Date of testing:	02/09/2015	Page 31 of 49

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TO BE CON	IPLETED IN EVERY CASE	TO BE COMPLETED ONLY IF THE DISTRIBUTION BOARI	TO BE COMPLETED ONLY IF THE DISTRIBUTION BOARD IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION*								
Location of distribution board:	Plant Room	Supply to distribution board is from: DB/PL [1TP]		No of phases: 3	Nominal voltage: 400	V					
		Overcurrent protective device for the distribution cire	cuit: RC	Associated D (if any) : BS (EN)	pplicable						
Distribution board designation:	DB/PL/L	Type: BS (EN) 60947-2	Rating: 63	A RCD No of poles: N/A	I <sub>Δn</sub> N/A	mA					

			CI	RCUI	T DET	<b>TAILS</b>							
ber	Circuit designation	ig elow)	î		Ciro conduct	cuit tors: csa	ection	Overcurrent p	rotect	ive devic		RCD	S 7671
Circuit number and line		Type of wiring (see code below)	Reference method	Number of points served	Live (mm²)	cpc (mm²)	Max. disconnection time permitted by BS 7671	BS (EN)	Туре	(E) Rating	Short-circuit E capacity	∋) Operatring B current, I <sub>∆n</sub>	Dermitted by BS 7671
1L1	Lighting Plant Room	A	E	2	1.5	1	0.4	61009	С	10	10	30	2.3
1L2	Lighting Staircase	A	E	2	1.5	1	0.4	61009	С	10	10	30	2.3
1L3	SPARE												
2L1	SPARE												
2L2	SPARE												
2L3	SPARE												
3L1	SPARE												
3L2	SPARE												
3L3	SPARE												
4L1	SPARE												
4L2	SPARE												
4L3	SPARE												
5L1	SPARE												
5L2	SPARE												
5L3	SPARE												
6L1	SPARE												
6L2	SPARE												
6L3	SPARE												
7L1	SPARE												
7L2	SPARE												
7L3	SPARE												
8L1	SPARE												
8L2	SPARE												
8L3	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	В	C	D	E	F	G	Н	0 (Other - please state)					
Thermoplastic insulated/ sheathed cables	cables	Thermoplastic cables in non-metallic conduit	cables	Thermoplastic cables in non-metallic trunking	/SWA	Thermosetting/ SWA cables	Mineral- insulated cables						
This report i	his report is based on the model forms shown in Appendix 6 of BS 7671												

Original (To the person ordering the work)



### SCHEDULE OF TEST RESULTS FOR THE INSTALLATION - CONTINUATION

DIRECTLY	LY IF THE DISTRIBUTION BOARD IS 7 TO THE ORIGIN OF THE INSTALLAT	ON		Test instruments (serial numb	ers) used:
Charac	teristics at this distribution boa	ď			
★ See note below	Confirmation of supply polarity		Earth fault loop impedance	RCD	
$Z_{s} \stackrel{*}{=} 0.12 \Omega$	2 Operating times At I $_{\Delta}$ of associated	n N/A ms	Insulation resistance	Multi- functi	090409/9887
l <sub>pf</sub> *2.87 k/	DOD (if and) At 51	) N/A ms	Continuity	Othe	r

						TES	T RESL	JLTS						
nber e		Cir	cuit impedaı (Ω)	nces				ition resistar		Polarity	Maximum measured earth fault	Ope	RCD rating nes	
Circuit number and line	Ring (mea	final circuits	s only o end)		ircuits one column ompleted)	Line/Line	Line/Neutral	Line/Earth	Neutral/Earth		loop impedance, Z <sub>S</sub> *	tir at I <sub>∆n</sub>	at $5I_{\Delta n}$	Test button
C	r <sub>1</sub> (Line)	r <sub>n</sub> (Neutral)	r <sub>2</sub> (cpc)	(R <sub>1</sub> + R <sub>2</sub> )	R <sub>2</sub>	(MΩ)	(MΩ)	(MΩ)	(MΩ)	(✓)	2 <sub>S</sub> <sup>Δ</sup> (Ω)	(ms)	(if applicable) (ms)	operation (√)
1L1	N/A	N/A	N/A	0.54	N/A	N/A	>200	>200	>200	~	0.62	38.4	28.3	~
1L2	N/A	N/A	N/A	0.66	N/A	N/A	>200	>200	>200	~	0.78	39.0	28.6	~
1L3														
2L1														
2L2														
2L3														
3L1														
3L2														
3L3														
4L1														
4L2														
4L3														
5L1														
5L2														
5L3														
6L1														
6L2														
6L3														
7L1														
7L2														
7L3														
8L1														
8L2														
8L3														

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

#### TESTED BY

Signature: J.L. Souron	Position:	Approved Electrician	Page 33 of 49
Name: (CAPITALS) JUSTIN SCRIVEN	Date of testing:	02/09/2015	Page 33 of 49

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TO BE COM	IPLETED IN EVERY CASE	TO BE COMPLETED ONLY IF THE DISTRIBUTION BOARD IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION*									
Location of distribution board: Plant Room		Supply to distribution board is from:	DB/PL [2TP]	No of phases:	3	Nominal voltage: 4	00	V			
		Overcurrent protect	RCD	Associated D (if any): BS (EN) Not Applicable							
Distribution board designation:	DB/PL/P	Type: BS (EN) 60947-2		Rating:	63	A RCD No of poles:	N/A	I <sub>An</sub> N	J/A	mA	

			CI	RCUI	T DE1	<b>FAILS</b>							
ber	Circuit designation		Ŷ		Circuit conductors: csa		ction	Overcurrent protective devices			RCD	17671	
Circuit number and line		Type of wiring (see code below)	Reference method	Number of points served	Live (mm²)	cpc (mm²)	Max. disconnection	BS (EN)	Туре	(E) Rating	Short-circuit E capacity	∋ Operating E current, I <sub>∆n</sub>	Maximum Z <sub>s</sub> permitted by BS 7671
1L1	Plant Room sockets	A	E	2	2.5	1.5	0.4	61009	В	32	10	30	1.44
1L2	Head of Shaft AOV	0	F	1	2.5	2.5	0.4	60898	С	16	10	N/A	1.44
1L3	Tubular Heater	A	E	1	2.5	1.5	0.4	60898	В	16	10	N/A	2.88
2TP	Roof Extract Fan 1	G	E	1	2.5	1.5	0.4	60898	В	16	10	N/A	2.88
3TP	Roof Extract Fan 2	G	E	1	2.5	1.5	0.4	60898	В	16	10	N/A	2.88
4TP	Roof Extract Fan 3	F	E	1	2.5	1.5	0.4	60898	в	16	10	N/A	2.88
5TP	Roof Extract Fan 4	F	E	1	2.5	1.5	0.4	60898	В	16	10	N/A	2.88
6TP	Roof Extract Fan 5	F	E	1	2.5	1.5	0.4	60898	В	16	10	N/A	2.88
7TP	Roof Extract Fan 6	F	E	1	2.5	1.5	0.4	60898	В	16	10	N/A	2.88
8TP	Roof Extract Fan 7	F	E	1	2.5	1.5	0.4	60898	в	16	10	N/A	2.88
9L1	SPARE												
9L2	SPARE												
9L3	SPARE												
10L1	SPARE												
10L2	SPARE												
10L3	SPARE												
11L1	SPARE												
11L2	SPARE												
11L3	SPARE												
12L1	SPARE												
12L2	SPARE												
12L3	SPARE												
13L1	SPARE												
13L2	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		В	C	D	E	F	G	Н	0 (Other - please state)			
Thermo insula sheat cabl	ted/ thed	cables	Thermoplastic cables in non-metallic conduit	cables	Thermoplastic cables in non-metallic trunking	/SWA	Thermosetting/ SWA cables	inculated	FP200/Firetuff			

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Original (To the person ordering the work)

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#### This continuation sheet is not valid if the serial number is not the same as the corresponding certificate or report \* Delete as appropriate 00 \* Delete as appropriate 00561288

### **SCHEDULE OF TEST RESULTS FOR THE INSTALLATION - CONTINUATION**

то	DIREC	ONLY IF THE DISTRIBUTION TLY TO THE ORIGIN OF THE	INSTALLATION			Test instruments (serial numbers) used:					
	Char	racteristics at this distrib	oution board								
	✔ ee note below	Confirmation of suppl	y polarity			Earth fault loop impedance		RCD			
Zs	* 0.12	Ω Operating times of associated	At I <sub>Δn</sub>	N/A ms	5	Insulation resistance		Multi- function	090409/9887		
I <sub>pf</sub>	<sup>*</sup> 2.87		At $5I_{\Delta n}$ (if applicable)	N/A ms	5	Continuity		Other			

	TEST RESULTS													
ber		Circ	cuit impedar (Ω)	nces				ition resistar		Polarity	Maximum measured	Ope	RCD rating	
t num d line	Ring	final circuits sured end to	s only		rcuits	Line/Line	Line/Neutral	Line/Earth	Neutral/Earth		earth fault loop	tir	nes	Test
Circuit number and line	r <sub>1</sub> (Line)	(Neutral)	r <sub>2</sub> (cpc)	$(R_1 + R_2)$	one column impleted) R <sub>2</sub>	(MΩ)	(MΩ)	(MΩ)	(MΩ)	(⁄)	impedance, Z <sub>S</sub> * (Ω)	at I <sub>∆n</sub> (ms)	at 5I <sub>∆n</sub> (if applicable) (ms)	button operation (✔)
1L1	0.40	0.40	0.62	0.24	N/A	N/A	>200	>200	>200	~	0.28	38.4	28.5	~
1L2	N/A	N/A	N/A	0.15	N/A	N/A	200	200	200	~	0.27	N/A	N/A	
1L3	N/A	N/A	N/A	0.17	N/A	N/A	>200	>200	>200	~	0.28	N/A	N/A	
2TP	N/A	N/A	N/A	0.27	N/A	>200	>200	>200	>200	~	0.39	N/A	N/A	
3TP	N/A	N/A	N/A	0.26	N/A	>200	>200	>200	>200	~	0.38	N/A	N/A	
4TP	N/A	N/A	N/A	0.17	N/A	>200	>200	>200	>200	~	0.29	N/A	N/A	
5TP	N/A	N/A	N/A	0.21	N/A	>200	>200	>200	>200	~	0.33	N/A	N/A	
6TP	N/A	N/A	N/A	0.24	N/A	>200	>200	>200	>200	~	0.36	N/A	N/A	
7TP	N/A	N/A	N/A	0.28	N/A	>200	>200	>200	>200	~	0.40	N/A	N/A	
8TP	N/A	N/A	N/A	0.30	N/A	>200	>200	>200	>200	~	0.42	N/A	N/A	
9L1														
9L2														
9L3														
10L1														
10L2														
10L3														
11L1														
11L2														
11L3														
12L1														
12L2														
12L3														
13L1														
13L2														

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

Date of testing:

#### TESTED BY

J.L. Scrwon Signature:

Name: JUSTIN SCRIVEN

Position: Approved Electrician 02/09/2015

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ICNC/IPNC 2



TO BE CON	IPLETED IN EVERY CASE	TO BE COMPLETED ONLY IF THE DISTRIBUTION BOARD IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION*									
Location of distribution board:	Plant Room	Supply to distribution board is from: DB/PL [2TP]		No of phases: 3	Nominal voltage: 400	v					
		Overcurrent protective device for the distribution ci	rcuit: RC	Associated D (if any) : BS (EN) Not Ap	oplicable						
Distribution board designation:	DB/PL/P	Type: BS (EN) 60947-2	Rating: 63	A RCD No of poles: N/A	I <sub>Δn</sub> N/A	mA					

			CI	RCUI	T DET	AILS							
oer -	Circuit designation	ig elow)	î		Circ	cuit ors: csa	ction	Overcurrent pro	otecti	ve devic		RCD	3 7671
Circuit number and line		Type of wiring (see code below)	Reference method	Number of points served	Live (mm²)	cpc (mm²)	Max. disconnection ime permitted by BS 7671	BS (EN)	Type	E Rating	Short-circuit Capacity	∋) Operating (e) current, I <sub>∆n</sub>	(C) Maximum Z <sub>s</sub> permitted by BS 7671
13L3	SPARE												
14L1	SPARE												
14L2	SPARE												
14L3	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	В	C	D	E	F	G	Н	0 (Other - please state)						
Thermoplastic insulated/ sheathed cables	cables	Thermoplastic cables in non-metallic conduit	cables	Thermoplastic cables in non-metallic trunking	/SWA	Thermosetting/ SWA cables	in a class of	FP200/Firetuff						
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Generatificate is genuine, go to www.checkmyniceiccert.com chttp://www.checkmyniceiccert.com> and put in the certificate number

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ICNC/IPNC 1

See next page for Schedule of Test Results

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# SCHEDULE OF TEST RESULTS FOR THE INSTALLATION - CONTINUATION

DIRE	ONLY IF THE DISTRIBUTION BOARD IS NOT CONNECTED TLY TO THE ORIGIN OF THE INSTALLATION racteristics at this distribution board	Test instruments (serial numbers) used:
★ See note below	Confirmation of supply polarity	Earth fault loop RCD
Z <sub>s</sub> <sup>*</sup> 0.12	Ω Operating times At I <sub>Δn</sub> N/A ms of associated	Insulation resistance Multi- function 090409/9887
l <sub>pf</sub> <sup>*</sup> 2.87	kA RCD (if any) At $5I_{\Delta n}$ N/A ms	Continuity Other

	TEST RESULTS													
ber		Circ	uit impedar (Ω)	nces			Insula Record Io	tion resistar wer or lowest	ice value	Polarity	Maximum measured	Ope	RCD rating	
Circuit number and line	Ring (mea	final circuits sured end to	s only end)	All cir (At least or to be cor		Line/Line	Line/Neutral	Line/Earth	Neutral/Earth		earth fault loop impedance, Z <sub>S</sub> *	tir at I <sub>∆n</sub>	rating nes at 51 <sub>∆n</sub>	Test button
Circi	r <sub>1</sub> (Line)	r <sub>n</sub> (Neutral)	r <sub>2</sub> (cpc)	to be cor (R <sub>1</sub> + R <sub>2</sub> )	npleted) R <sub>2</sub>	(MΩ)	(MΩ)	(MΩ)	(MΩ)	(⁄)	Z <sub>s</sub> * (Ω)	(ms)	(if applicable) (ms)	operation (√)
13L3														
14L1														
14L2														
14L3														

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

#### TESTED BY

Signature: d	+ L. Scrwon	Position:	Approved Electrician	Page 37 of 49
Name: (CAPITALS) JU	JSTIN SCRIVEN	Date of testing:	02/09/2015	Page 37 of 49

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TO BE COM	IPLETED IN EVERY CASE	TO BE COMPLET	TO BE COMPLETED ONLY IF THE DISTRIBUTION BOARD IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION*								
Location of distribution board:	Building 9 Plant Room	Supply to distribution board is from:	Busbar Riser [10TP]			No of phases:	3	Nominal voltage: 400	V		
	Building 9 Flant Room	Overcurrent protec	RCD	Associated (if any) : BS (EN)	Not App	plicable					
Distribution board designation:	MSCP DB	Type: BS (EN) 60947-2		Rating:	20	A RCD No of poles:	N/A	$I_{\Delta n}$ N/A	mA		

			CI	RCUI	T DE	<b>FAILS</b>							
Der	Circuit designation	g elow)	Ŷ		Cir	cuit tors: csa	ction	Overcurrent pr	otect	ive devic	es	RCD	17671
Circuit number and line		Type of wiring (see code below)	Reference method	Number of points served	Live (mm²)	cpc (mm²)	Max. disconnection time permitted by BS 7671	BS (EN)	Type	(E) Rating	Short-circuit E capacity	∋) Operating B current, l <sub>∆n</sub>	Dermitted by BS 7671
1L1	LTHW Pressurisation Unit	В	В	1	2.5	2.5	0.4	60898	D	6	6	N/A	1.93
1L2	Boiler No1	В	В	1	2.5	2.5	0.4	60898	С	16	6	N/A	5.76
1L3	Boiler No2	в	В	1	2.5	2.5	0.4	60898	С	4	6	N/A	5.76
2L1	VT Secondary Pump 1	в	В	1	2.5	2.5	0.4	60898	D	16	6	N/A	0.73
2L2	SPARE						0.4						
2L3	SPARE						0.2						
3L1	VT Secondary Pump 2	в	В	1	2.5	2.5	5	60898	D	16	6	N/A	0.73
3L2	DHWS Boiler 1	в	В	1	2.5	2.5	0.4	60898	С	10	6	N/A	2.3
3L3	DHWS Boiler 2	в	В	1	2.5	2.5	0.4	60898	С	10	6	N/A	2.3
4L1	DHWS Secondary Pump	в	В	1	2.5	2.5	0.4	60898	D	16	6	N/A	2.92
4L2	SPARE												
4L3	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

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

	CODES FOR TYPE OF WIRING													
A	В	C	D	E	F	G	Н	0 (Other - please state)						
Thermoplastic insulated/ sheathed cables	cables	Thermoplastic cables in non-metallic conduit	cables	Thermoplastic cables in non-metallic trunking	/SWA	Thermosetting/ SWA cables	Mineral- insulated cables							

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See next page for Schedule of Test Results



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## **SCHEDULE OF TEST RESULTS FOR THE INSTALLATION - CONTINUATION**

то		ONLY IF THE DISTRIBUTION TLY TO THE ORIGIN OF THE				Test instruments (serial numbers) used:					
	Char	racteristics at this distrib	oution board								
* \$	✔ ee note below	Confirmation of suppl	y polarity			Earth fault loop impedance		RCD			
Z <sub>s</sub>	* 0.08	Ω Operating times of associated	At I_{\Delta n}	N/A m	s	Insulation resistance		Multi- function	090409/9887		
I <sub>pf</sub>	<sup>*</sup> 5.0		At $5I_{\Delta n}$ (if applicable)	N/A m	s	Continuity		Other			

TOT DECULTO

	TEST RESULTS													
ber		Ciro	cuit impedaı (Ω)	nces				ition resistar		Polarity	Maximum measured	 	RCD rating	
t num d line	Ring	final circuits			ircuits	Line/Line	Line/Neutral	Line/Earth	Neutral/Earth		earth fault loop	tir	nes	Test
Circuit number and line	r <sub>1</sub> (Line)	r <sub>n</sub> (Neutral)	r <sub>2</sub> (cpc)	(At least of to be co (R <sub>1</sub> + R <sub>2</sub> )	one column ompleted) R <sub>2</sub>	 (MΩ)	(MΩ)	(MΩ)	(MΩ)	(⁄)	impedance, Z <sub>S</sub> * (Ω)	at I <sub>∆n</sub> (ms)	at 51 <sub>∆n</sub> (if applicable) (ms)	button operation (√)
1L1	N/A	N/A	N/A	0.03	N/A	N/A	>200	>200	>200	~	0.15	N/A	N/A	
1L2	N/A	N/A	N/A	0.06	N/A	N/A	>200	>200	>200	~	0.19	N/A	N/A	
1L3	N/A	N/A	N/A	0.03	N/A	N/A	>200	>200	>200	~	0.14	N/A	N/A	
2L1	N/A	N/A	N/A	0.07	N/A	N/A	>200	>200	>200	~	0.20	N/A	N/A	
2L2														
2L3														
3L1	N/A	N/A	N/A	0.17	N/A	N/A	>200	>200	>200	~	0.25	N/A	N/A	
3L2	N/A	N/A	N/A	0.09	N/A	N/A	>200	>200	>200	~	0.20	N/A	N/A	
3L3	N/A	N/A	N/A	0.09	N/A	N/A	>200	>200	>200	~	0.19	N/A	N/A	
4L1	N/A	N/A	N/A	0.10	N/A	N/A	>200	>200	>200	~	0.21	N/A	N/A	
4L2														
4L3														

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

Date of testing:

#### **TESTED BY**

Signature:	J. L. Scrwon

JUSTIN SCRIVEN

Position: Approved Electrician 02/09/2015

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ICNC/IPNC 2

Name: (CAPITALS)



TO BE CON	IPLETED IN EVERY CASE	TO BE COMPLET	ED ONLY IF THE DISTRIBUTION BOARI	) IS NOT (	CONNECTED D	IRECTLY TO THE	ORIGIN OF TH	IE INSTALL	ATION*	
Location of distribution board:	Ground Floor Common Room	Supply to distribution board is from:	Main Panel Board [7L1]	No of phases:	1 <sup>1</sup>	Nominal z	230	V		
	Ground Floor Common Room	Overcurrent protec	tive device for the distribution cire	cuit:	RCD	Associated (if any) : BS (EN)	Not Appli	icable		
Distribution board designation:	DB/CL1	Type: BS (EN) 60947-2		Rating:	63	A RCD No of poles:	N/A	I <sub>Δn</sub>	N/A	mA

			CII	RCUI	T DE1	<b>FAILS</b>							
per	Circuit designation	ig elow)	î		Cir	cuit tors: csa	action	Overcurrent p	rotect	tive devic		RCD	S 7671
Circuit number and line		Type of wiring (see code below)	Reference method	Number of points served	Live (mm²)	cpc (mm²)	Max. disconnection	BS (EN)	Туре	( <del>)</del> Rating	Short-circuit E capacity	∋ Operatring E current, I <sub>∆n</sub>	Dermitted by BS 7671
1	Common Room Lighting	A	E	6	1.5	1	0.4	61009	С	10	10	30	2.3
2	Lighting Premium Room	A	E	15	1.5	1	0.4	61009	С	10	10	30	2.3
3	Lighting Premium Room	A	E	15	1.5	1	0.4	61009	С	10	10	30	2.3
4	SPARE												
5	SPARE												
6	Premium Room Ring Main 1	A	E	12	2.5	1.5	0.4	61009	В	32	10	30	1.44
7	Premium Room Ring Main 2	A	E	12	2.5	1.5	0.4	61009	В	32	10	30	1.44
8	Common Room Cooker 1	A	E	1	10	6	0.4	61009	В	32	10	30	1.44
9	SPARE						0.4						
10	Common Room Ring Main 1	A	E	5	2.5	1.5	0.4	61009	в	32	10	30	1.44
11	Common Room Ring Main 2	A	E	3	2.5	1.5	0.4	61009	в	32	10	30	1.44
12	SPARE												
13	SPARE												
14	SPARE												
15	SPARE												
16	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

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	CODES FOR TYPE OF WIRING										
A	В	C	D	E	F	G	Н	0 (Other - please state)			
Thermoplastic insulated/ sheathed cables	cables	Thermoplastic cables in non-metallic conduit	cables	Thermoplastic cables in non-metallic trunking	/SWA	Thermosetting/ SWA cables	Mineral- insulated cables				

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## **SCHEDULE OF TEST RESULTS FOR THE INSTALLATION - CONTINUATION**

DIREC	INLY IF THE DISTRIBUTION BOARD IS NOT CONNECTED ILY TO THE ORIGIN OF THE INSTALLATION acteristics at this distribution board	Test instruments (serial numbers) used:
★ See note below	Confirmation of supply polarity	Earth fault loop RCD
Z <sub>s</sub> <sup>*</sup> 0.13	Ω Operating times At I <sub>Δn</sub> N/A ms	Insulation resistance Multi- function
I <sub>pf</sub> <sup>*</sup> 1.55	kA RCD (if any) $\begin{array}{c} At 5I_{\Delta n} \\ (if applicable) \end{array}$ N/A ms	Continuity Other

TOT DECULTO

	TEST RESULTS													
ber		Cir	cuit impedaı (Ω)	nces				tion resistar ower or lowest		Polarity	Maximum measured	Ope	RCD rating	
Circuit number and line	L	final circuit		(At least o	rcuits one column ompleted)	Line/Line	Line/Neutral	Line/Earth	Neutral/Earth		earth fault loop impedance,	at I <sub>Δn</sub>	nes at 51 <sub>∆n</sub>	Test button
C	r <sub>1</sub> (Line)	r <sub>n</sub> (Neutral)	r <sub>2</sub> (cpc)	(R <sub>1</sub> + R <sub>2</sub> )	R <sub>2</sub>	(MΩ)	(MΩ)	(MΩ)	(MΩ)	(🗸)	Z <sub>s</sub> * (Ω)	(ms)	(if applicable) (ms)	operation (√)
1	N/A	N/A	N/A	0.25	N/A	N/A	>200	>200	>200	~	0.38	38.0	28.8	~
2	N/A	N/A	N/A	0.81	N/A	N/A	>200	>200	>200	~	0.94	38.3	28.8	~
3	N/A	N/A	N/A	0.69	N/A	N/A	200	200	200	~	0.83	38.4	28.6	~
4														
5														
6	0.56	0.56	0.73	0.28	N/A	N/A	>200	>200	>200	~	0.63	37.9	29.1	~
7	0.48	0.48	0.65	0.24	N/A	N/A	>200	>200	>200	~	0.63	38.4	28.4	~
8	N/A	N/A	N/A	0.08	N/A	N/A	>200	>200	>200	~	0.20	38.0	27.9	~
9														
10	0.35	0.35	0.49	0.21	N/A	N/A	>200	>200	>200	~	0.34	38.1	28.6	~
11	0.29	0.29	0.40	0.19	N/A	N/A	>200	>200	>200	~	0.31	38.2	29.0	~
12														
13														
14														
15														
16														

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

Date of testing:

#### **TESTED BY**

Name: JUSTIN SCRIVEN

Position: Approved Electrician 02/09/2015

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ICNC/IPNC 2



TO BE COM	IPLETED IN EVERY CASE	TO BE COMPLET	ED ONLY IF THE DISTRIBUTION BOARD	) IS NOT (	CONNECTED D	IRECTLY TO THE	ORIGIN OF	THE INSTALLATION	<b>V</b> *
Location of distribution board:	Ground Floor Common Room	Supply to distribution board is from:	Main Panel Board [8L2]	No of phases:	1	Nominal voltage: 230	V		
	Ground Floor Common Room	Overcurrent protec	RCD	Associated (if any) : BS (EN)	Not App	olicable			
Distribution board designation:	DB/CL2	Type: BS (EN) 60947-2		Rating:	63	A RCD No of poles:	N/A	$I_{\Delta n}$ N/A	mA

			CI	RCUI	T DE	<b>FAILS</b>							
oer	Circuit designation	ig elow)	Ŷ		Cir	cuit tors: csa	ction	Overcurrent p	protect	ive devic	es	RCD	17671
Circuit number and line		Type of wiring (see code below)	Reference method	Number of points served	Live (mm²)	cpc (mm²)	Max. disconnection	BS (EN)	Type	(y) Rating	Short-circuit E capacity	∋ Operating E current I <sub>∆n</sub>	Dermitted by BS 7671
1	Common Room Lighting	А	E	6	1.5	1	0.4	61009	С	10	10	30	2.3
2	Lighting Premium Room	A	E	15	1.5	1	0.4	61009	С	10	10	30	2.3
3	Lighting Premium Room	A	E	10	1.5	1	0.4	61009	С	10	10	30	2.3
4	Lighting Premium Room	A	E	10	1.5	1	0.4	61009	С	10	10	30	2.3
5	SPARE												
6	Ring Main Premium Room	A	E	12	2.5	1.5	0.4	61009	В	32	10	30	1.44
7	Ring Main Premium Room	A	E	8	2.5	1.5	0.4	61009	В	32	10	30	1.44
8	Ring Main Premium Room	A	E	8	2.5	1.5	0.4	61009	В	32	10	30	1.44
9	Common Room Cooker 1	A	E	1	10	6	0.4	61009	В	32	10	30	1.44
10	Common Room Cooker 2	A	E	1	10	6	0.4	61009	В	32	10	30	1.44
11	Common Room Ring Main 1	A	E	3	2.5	1.5	0.4	61009	В	32	10	30	1.44
12	Common Room Ring Main 2	A	E	5	2.5	1.5	0.4	61009	В	32	10	30	1.44
13	SPARE												
14	SPARE												
15	SPARE												
16	SPARE												
17	SPARE												
18	SPARE												

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\* 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	В	C	D	E	F	G	Н	0 (Other - please state)		
Thermoplastic insulated/ sheathed cables	cables	Thermoplastic cables in non-metallic conduit	cables	Thermoplastic cables in non-metallic trunking	/SWA	Thermosetting/ SWA cables	Mineral- insulated cables			

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### **SCHEDULE OF TEST RESULTS FOR THE INSTALLATION - CONTINUATION**

то		ONLY IF THE DISTRIBUTION BOARD IS NOT CONNECTED Ily to the origin of the installation	Test instruments (serial numbers) used:					
	Char	acteristics at this distribution board						
	✔ ee note below	Confirmation of supply polarity	Earth fault loop RCD					
Zs	*0.13	Ω Operating times At I <sub>Δn</sub> N/A ms of associated	Insulation resistance Multi- function 090409/9887					
I <sub>pf</sub>	<sup>*</sup> 1.78	kA RCD (if any) $\begin{array}{c} At 5I_{\Delta n} \\ (if applicable) \end{array}$ N/A ms	Continuity Other					

TOT DECULTO

						TES	T RESL	JLTS								
Der		Cir	cuit impedaı (Ω)	nces				ition resistar		Polarity	Maximum measured	000	RCD rating			
t numt d line	Ring	final circuit	s only		ircuits	Line/Line	Line/Neutral	1	Neutral/Earth		earth fault loop	tir	nes I	Test		
Circuit number and line	r <sub>1</sub> (Line)	r <sub>n</sub> (Neutral)	r <sub>2</sub> (cpc)	(At least of to be co (R <sub>1</sub> + R <sub>2</sub> )	one column ompleted) R <sub>2</sub>	 (MΩ)	(MΩ)	(MΩ)	(MΩ)	(√)	impedance, Z <sub>S</sub> * (Ω)	at I <sub>∆n</sub> (ms)	at 5I <sub>∆n</sub> (if applicable) (ms)	button operation (√)		
1	N/A	N/A	N/A	0.25	N/A	N/A	>200	>200	>200	~	0.34	38.0	27.7	~		
2	N/A	N/A	N/A	0.78	N/A	N/A	>200	>200	>200	~	0.91	38.4	28.8	~		
3	N/A	N/A	N/A	0.70	N/A	N/A	>200	>200	>200	~	0.82	37.7	29.0	~		
4	N/A	N/A	N/A	0.68	N/A	N/A	>200	>200	>200	~	0.83	38.3	27.7	~		
5																
6	0.60	0.60	0.83	0.28	N/A	N/A	>200	>200	>200	~	0.43	39.6	28.2	~		
7	0.36	0.36	0.52	0.23	N/A	N/A	>200	>200	>200	~	0.38	38.5	28.7	~		
8	0.45	0.45	0.68	0.27	N/A	N/A	>200	>200	>200	~	0.41	38.2	29.0	~		
9	N/A	N/A	N/A	0.08	N/A	N/A	>200	>200	>200	~	0.20	37.9	27.7	~		
10	N/A	N/A	N/A	0.07	N/A	N/A	>200	>200	>200	~	0.20	38.0	29.1	~		
11	0.37	0.37	0.52	0.21	N/A	N/A	>200	>200	>200	~	0.34	38.4	28.4	~		
12	0.31	0.31	0.42	0.16	N/A	N/A	>200	>200	>200	~	0.29	38.6	27.8	~		
13																
14																
15																
16																
17																
18																
					-											

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

Date of testing:

#### TESTED BY

J.L. Server Signature:

Name: JUSTIN SCRIVEN

Position: Approved Electrician 02/09/2015

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ICNC/IPNC 2



TO BE COM	IPLETED IN EVERY CASE	TO BE COMPLET	ED ONLY IF THE DISTRIBUTION BOARD	CONNECTED D	DIRECTLY TO THE ORIGIN OF THE INSTALLATION*				
Location of distribution board:	Ground Floor Common Room	Supply to distribution board is from:	Main Panel Board [9TP]	No of phases:	3 <sup>N</sup>	Vominal voltage: 400	V		
	Ground Floor Common Room	Overcurrent protec	tive device for the distribution circ	cuit:	RCD	Associated (if any) : BS (EN)	Not Appli	cable	
Distribution board designation:	DB/LL1	Type: BS (EN) 60947-2		Rating:	63	A RCD No of poles	N/A	$I_{\Delta n}$ N/A	mA

	CIRCUIT DETAILS												
oer -	Circuit designation	ig elow)	Ŷ		Circ	cuit :ors: csa	ction	Overcurrent pr	otect	ive devic		RCD	3 7671
Circuit number and line		Type of wiring (see code below)	Reference method	Number of points served	Live (mm²)	cpc (mm²)	Max. disconnection time permitted by BS 7671	BS (EN)	Type	(E) Rating	Short-circuit E capacity	∋) Operating E current, I <sub>∆n</sub>	© Maximum Z <sub>s</sub> © permitted by BS 7671
1TP	DB/LL1/L	G	E	1	25	16	5	60947-2		63	36	N/A	0.38
2TP	DB/LL1/P	G	E	1	25	16	5	60947-2		63	36	N/A	0.38
									-				
													<u> </u>
													· · · · ·
													, ,

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	В	C	D	E	F	G	Н	0 (Other - please state)					
Thermoplastic insulated/ sheathed cables	cables	Thermoplastic cables in non-metallic conduit	cables	Thermoplastic cables in non-metallic trunking	/SWA	Thermosetting/ SWA cables	Mineral- insulated cables						
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# SCHEDULE OF TEST RESULTS FOR THE INSTALLATION - CONTINUATION

DIREC	INLY IF THE DISTRIBUTION BOARD IS NOT CONNECTED LY TO THE ORIGIN OF THE INSTALLATION acteristics at this distribution board	Test instruments (serial numbers) used:
Char	Confirmation of supply polarity	Forth forth loss
★ See note below		Earth fault loop RCD
Z <sub>s</sub> *0.12	Ω Operating times At I <sub>Δn</sub> N/A ms of associated	Insulation resistance Multi- function 090409/9887
l <sub>pf</sub> <sup>*</sup> 3.45	kA RCD (if any) $\begin{array}{c} At 5I_{\Delta n} \\ (if applicable) \end{array}$ N/A ms	Continuity Other

FEAT DECULTO

						TES	T RESL	JLTS								
oer		Cir	cuit impedaı ( <u>Ω</u> )	nces				tion resistar ower or lowest		Polarity	Maximum measured	 	RCD rating			
t numl d line	Ring	final circuit sured end to			ircuits	Line/Line	Line/Neutral		Neutral/Earth		earth fault loop	tir	nes	Test		
Circuit number and line	r <sub>1</sub> (Line)	r <sub>n</sub> (Neutral)	r <sub>2</sub> (cpc)	(At least to be co (R <sub>1</sub> + R <sub>2</sub> )	one column ompleted) R <sub>2</sub>	(MΩ)	(MΩ)	(MΩ)	(MΩ)	(1)	impedance, Z <sub>S</sub> * (Ω)	at I <sub>∆n</sub> (ms)	at 51 <sub>∆n</sub> (if applicable) (ms)	button		
1TP	N/A	N/A	N/A	0.02	N/A	>200	>200	>200	>200	~	0.12	N/A	N/A			
2TP	N/A	N/A	N/A	0.02	N/A	>200	>200	>200	>200	~	0.12	N/A	N/A			

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

#### TESTED BY

Signature:	J.L. Scrwon	Position:	Approved Electrician	Page 45 of 49
Name: (CAPITALS)	JUSTIN SCRIVEN	Date of testing:	02/09/2015	Page 45 of 49

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TO BE COM	MPLETED IN EVERY CASE	TO BE COMPLETED ONLY IF THE DISTRIBUTION BO	TO BE COMPLETED ONLY IF THE DISTRIBUTION BOARD IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION							
Location of distribution board:	Riser Cupboard	Supply to distribution board is from: DB/LL1 [1TP]	No of phases: 3	Nominal voltage: 400	V					
		Overcurrent protective device for the distribution	circuit: R	Associated CD (if any) : BS (EN) Not Ap	oplicable					
Distribution board designation:	DB/LL1/L	Type: BS (EN) 60947-2	Rating: 63	A RCD No of poles: N/A	I <sub>Δn</sub> N/A	mA				

			CI	RCUI	T DE1	<b>TAILS</b>							
Der	Circuit designation	g elow)	Ŷ		Cir	cuit ors: csa	ction	Overcurrent pr	otect	ive devic	es	RCD	17671
Circuit number and line		Type of wiring (see code below)	Reference method	Number of points served	Live (mm²)	cpc (mm²)	Max. disconnection time permitted by BS 7671	BS (EN)	Type	(E) Rating	Short-circuit E capacity	∋ Operating E current, I <sub>∆n</sub>	Maximum Z <sub>s</sub> permitted by BS 7671
1L1	Lighting Ground Floor Circulation	А	E	8	1.5	1	0.4	61009	С	10	10	30	2.3
1L2	Lighting First Floor Circulation	А	E	12	1.5	1	0.4	61009	С	10	10	30	2.3
1L3	Bus Power Supply Unit	A	E	1	2.5	1	0.4	61009	С	16	10	30	1.44
2L1	Lighting Ground Floor Circulation	A	E	12	1.5	1	0.4	61009	С	10	10	30	2.3
2L2	Lighting First Floor Circulation	A	E	12	2.5	1	0.4	61009	С	10	10	30	2.3
2L3	SPARE												
3L1	Lighting IT Hub Room	A	E	2	1.5	1	0.4	61009	С	10	10	30	2.3
3L2	SPARE												
3L3	SPARE												
4L1	Ground Floor stairwell Lighting	A	E	10	1.5	1	0.4	61009	С	10	10	30	2.3
4L2	First Floor Stairwell Lighting	A	E	8	1.5	1	0.4	61009	с	10	10	30	2.3
4L3	SPARE												
5L1	SPARE						0.4						
5L2	SPARE												
5L3	SPARE												
6L1	SPARE												
6L2	SPARE												
6L3	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	В	C	D	E	F	G	Н	0 (Other - please state)					
Thermoplastic insulated/ sheathed	cables	Thermoplastic cables in non-metallic	cables	Thermoplastic cables in non-metallic	/SWA	Thermosetting/ SWA cables	Mineral- insulated cables						
cables	conduit	conduit	trunking	trunking									
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## **SCHEDULE OF TEST RESULTS FOR THE INSTALLATION - CONTINUATION**

т	DIREC	ONLY IF THE DISTRIBUTION BOARD IS NOT CONNECTED Ily to the origin of the installation	Test instruments (serial numbers) used:	
	Char	acteristics at this distribution board		
* 9	✔ ee note below	Confirmation of supply polarity	Earth fault loop RCD	
Zs	*0.12	Ω Operating times At I <sub>Δn</sub> N/A ms of associated	Insulation resistance Multi- function 090409/9887	
I <sub>pf</sub>	<sup>*</sup> 3.45	kA RCD (if any) $\begin{array}{c} At \ 5I_{\Delta n} \\ (if applicable) \end{array}$ N/A ms	Continuity Other	

TOT DECULTO

						TES	T RESL	JLTS								
ber		Cir	cuit impedaı ( <u>Ω</u> )	nces				ation resistar		Polarity	Maximum measured	One	RCD rating			
t num d line	Ring	final circuit	s only		ircuits	Line/Line	Line/Neutral	Line/Earth	Neutral/Earth		earth fault loop	tir	nes	Test		
Circuit number and line	r <sub>1</sub> (Line)	r <sub>n</sub> (Neutral)	r <sub>2</sub> (cpc)	(At least of to be co (R <sub>1</sub> + R <sub>2</sub> )	one column ompleted) R <sub>2</sub>	(MΩ)	(MΩ)	(MΩ)	(MΩ)	(1)	impedance, Z <sub>S</sub> * (Ω)	at l <sub>∆n</sub> (ms)	at 5I <sub>∆n</sub> (if applicable) (ms)	button operation (√)		
1L1	N/A	N/A	N/A	0.54	N/A	N/A	>200	>200	>200	~	0.64	38.1	27.9	~		
1L2	N/A	N/A	N/A	0.58	N/A	N/A	>200	>200	>200	~	0.70	38.0	28.4	~		
1L3	N/A	N/A	N/A	0.18	N/A	N/A	>200	>200	>200	~	0.29	39.1	28.5	~		
2L1	N/A	N/A	N/A	0.45	N/A	N/A	>200	>200	>200	~	0.59	38.4	28.2	~		
2L2	N/A	N/A	N/A	0.48	N/A	N/A	>200	>200	>200	~	0.61	38.6	29.0	~		
2L3																
3L1	N/A	N/A	N/A	0.46	N/A	N/A	>200	>200	>200	~	0.58	37.7	28.4	~		
3L2																
3L3																
4L1	N/A	N/A	N/A	0.31	N/A	N/A	>200	>200	>200	~	0.44	38.5	28.5	~		
4L2	N/A	N/A	N/A	0.36	N/A	N/A	>200	>200	>200	~	0.48	39.0	28.0	~		
4L3																
5L1																
5L2																
5L3																
6L1																
6L2																
6L3																

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

Date of testing:

#### TESTED BY

Signature:	J.L. Scrwon
------------	-------------

Name: JUSTIN SCRIVEN

Position: Approved Electrician 02/09/2015

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ICNC/IPNC 2



TO BE COM	MPLETED IN EVERY CASE	TO BE COMPLETED ONLY IF THE DISTRIBUTION BOARD IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION*								
Location of distribution board:	Riser Cupboard	Supply to distribution board is from:	DB/LL1 [2TP]			No of phases:	3	Nominal voltage:	400	v
		Overcurrent protec	Associated (if any) : BS (EN)	Not Appl	licable					
Distribution board designation:	DB/LL1/P	<sup>Type:</sup> BS (EN) 60947-2		Rating:	63	A RCD No of poles:	N/A	$I_{\Delta n}$	N/A	mA

			CI	RCUI	T DE1	<b>AILS</b>							
oer	Circuit designation	Type of wiring (see code below)	î		Cir	cuit ors: csa	ction	Overcurrent protective devices				RCD	1797 8
Circuit number and line			Reference method	Number of points served	Live (mm²)	cpc (mm²)	Max. disconnection time permitted by BS 7671	BS (EN)	Type	(E) Rating	Short-circuit E capacity	∋) Operating B current, I <sub>∆n</sub>	Difference Big Maximum Zs Dermitted by BS 7671
1L1	Cleaners Sockets Ground Floor	A	E	5	2.5	1.5	0.4	61009	В	32	10	30	1.44
1L2	GF IT Hub Commando Socket	A	E	1	4	1.5	0.4	60898	В	16	10	N/A	2.88
1L3	Cleaners Sockets First Floor	A	E	5	2.5	1.5	0.4	61009	в	32	10	30	1.44
2L1	Ground Floor Main Door Access PSU	A	E	1	2.5	1.5	0.4	60898	С	16	10	N/A	1.44
2L2	GF IT Hub Commando socket	A	E	1	4	1.5	0.4	60898	в	16	10	N/A	2.88
2L3	First Floor Smoke Shaft AOD	0	E	1	2.5	2.5	0.4	60898	С	16	10	N/A	1.44
3L1	Ground Floor Intercom Unit	А	E	1	2.5	1.5	0.4	60898	в	16	10	30	2.88
3L2	Ground Floor IT Hub Commando Socket	А	E	1	4	1.5	0.4	60898	в	16	10	N/A	2.88
3L3	SPARE												
4L1	GF Smoke Shaft AOD	0	E	1	2.5	2.5	0.4	60898	С	16	10	N/A	1.44
4L2	IT Hub Ring main	A	E	1	2.5	1.5	0.4	61009	в	32	10	30	1.44
4L3	SPARE												
5L1	SPARE						0.4						
5L2	GF IT Hub Tubular Heater	A	E	1	4	1.5	0.4	60898	в	16	10	N/A	2.88
5L3	SPARE												
6L1	SPARE												
6L2	SPARE												
6L3	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	В	C	D	E	F	G	Н	0 (Other - please state)				
Thermoplastic insulated/ sheathed cables	cables	Thermoplastic cables in non-metallic conduit	cables	Thermoplastic cables in non-metallic trunking	/SWA	Thermosetting/ SWA cables	inculated	FP200/Firetuff				

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ICNC/IPNC 1

See next page for Schedule\_of Test Results



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## **SCHEDULE OF TEST RESULTS FOR THE INSTALLATION - CONTINUATION**

DIREC	DNLY IF THE DISTRIBUTION BOARD IS NOT CONNECTED TLY TO THE ORIGIN OF THE INSTALLATION	Test instruments (serial numbers) used:
Char	acteristics at this distribution board	
~	Confirmation of supply polarity	Earth fault loop RCD
* See note below Z <sub>s</sub> * 0.12	Ω Operating times At I <sub>Δn</sub> N/A ms of associated	Insulation resistance Multi- function
l <sub>pf</sub> *3.45	kA RCD (if any) $At 5I_{\Delta n}$ (if applicable) N/A ms	Continuity Other

						TES	T RESI	JLTS						
iber	Circuit impedances (Ω)							ation resistar ower or lowest		Polarity	Maximum measured	Ope		
it num Id line	Ring final circuits only All circuits (measured end to end)				Line/Line Line/Neutral		Line/Earth	Neutral/Earth		earth fault loop impedance,	times		Test	
Circuit number and line	r <sub>1</sub> (Line)	r <sub>n</sub> (Neutral)	r <sub>2</sub> (cpc)	$(R_1 + R_2)$	ompleted)	(MΩ)	(MΩ)	(MΩ)	(MΩ)	(✓)	Z <sub>s</sub> * (Ω)	at I <sub>∆n</sub> (ms)	at $5I_{\Delta n}$ (if applicable) (ms)	button operation (√)
1L1	0.87	0.87	1.32	0.31	N/A	N/A	>200	>200	>200	~	0.43	38.1	27.9	~
1L2	N/A	N/A	N/A	0.21	N/A	N/A	>200	>200	>200	~	0.35	N/A	N/A	
1L3	1.03	1.03	1.49	0.35	N/A	N/A	>200	>200	>200	~	0.47	38.0	28.3	~
2L1	N/A	N/A	N/A	0.26	N/A	N/A	>200	>200	>200	~	0.37	N/A	N/A	
2L2	N/A	N/A	N/A	0.21	N/A	N/A	>200	>200	>200	~	0.34	N/A	N/A	
2L3	N/A	N/A	N/A	0.28	N/A	N/A	>200	>200	>200	~	0.37	N/A	N/A	
3L1	N/A	N/A	N/A	0.19	N/A	N/A	>200	>200	>200	~	0.30	N/A	N/A	
3L2	N/A	N/A	N/A	0.21	N/A	N/A	>200	>200	>200	~	0.35	N/A	N/A	
3L3														
4L1	N/A	N/A	N/A	0.24	N/A	N/A	>200	>200	>200	~	0.34	N/A	N/A	
4L2	0.65	0.65	0.97	0.26	N/A	N/A	>200	>200	>200	~	0.38	38.9	28.0	~
4L3														
5L1														
5L2	N/A	N/A	N/A	0.23	N/A	N/A	>200	>200	>200	~	0.36	N/A	N/A	
5L3														
6L1														
6L2														
6L3														

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

Date of testing:

#### TESTED BY

J.L. Server Signature:

Name: JUSTIN SCRIVEN

Position: Approved Electrician 02/09/2015

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Original (To the person ordering the work)

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

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