## **ELECTRICAL INSTALLATION CERTIFICATE**

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

DETAILS OF T	HE CLIENT							
Client / Address:	JOHN SISK AND SON LIMITED, 1 C	URO PAI	RK, FROGMORE, ST ALBANS, HE	RTFORDSHIRE			Postcode: AL2	2DD
DETAILS OF 1	HE INSTALLATION						The instal	llation is:
Address:	563 JACKSON BUILDING, 2 ENGIN	ERS WA	AY, WEMBLEY			Postcode: HA9 OSH	New	<b>✓</b>
Extent of the installation	CIRCUITS FED VIA APARTMENT DE	ONLY					An addition	
covered by this certificate:							An	
22000							alteration	
DESIGN	Details of permitted e	•			nt appended: N/A	,	·	
described above responsible is, t	person(s) responsible for the d , having exercised reasonable sk o the best of my/our knowledge a partures, if any, detailed as follows:	II and c	are when carrying out the d	esian, hereby CERTII	our signature(s FY that the desi 2015	) below), particulars ign work for which I/ (date	we have been	
Details of departu	res from BS 7671, as amended (Regu	lations 1	20.3,133.5): NONE					
The extent of liab For the <b>DESIGN</b> o	ilty of the signatory/signatories is limi f the installation:	ted to th	e work described above as the su	bject of this certificate		is divided responsibility	for the decign	
Signature /	-	Date	27/09/2019	Name (CAPITALS)	J ROBINSON	is uiviueu responsibility	Designer 1	
Signature		Date		Name (CAPITALS)		**	Designer 2	
CONSTRUCTI	ON							
are described a for which I have b	erson responsible for the cons above, having exercised reason een responsible is to the best of my kr artures, if any, detailed as follows:	able ski	ill and care when carrying	out the construction	by my signatu nn, hereby CER 2015	re below), particula TIFY that the const (date	ruction work	
Details of departu	res from BS 7671, as amended (Regu	lations 1	20.3,133.5): NONE					
The extent of liab For the CONSTRU	ilty of the signatory is limited to the v JCTION of the installation:	ork desc	cribed above as the subject of thi	s certificate.				
Signature 2		Date	25/09/2019	Name (CAPITALS)	L BOURDICE		Constructor	
INSPECTION	AND TESTING							
for which I have b	rson responsible for the inspect above, having exercised reasor een responsible is to the best of my kr artures, if any, detailed as follows:	on and able sl owledge	testing of the electrical ins xill and care when carrying and belief, in accordance with BS	tallation (as indicat out the inspectio 7671, amended to	ed by my signa n and testing, 2015	iture below), particu hereby CERTIFY th (date		
Details of departu	res from BS 7671, as amended (Regu	lations 1	20.3,133.5): NONE					
	ilty of the signatory/signatories is limi ION AND TESTINGof the installation		e work described above as the su	bject of this certificate				
Signature Signature		Date	25/09/2019	Signature Signature		Date	25/09/2019	
Name (CAPITALS	S WILSON		Inspector	Name (CAPITALS) S	WILSON		Qualific Superv	
DESIGN, CON	STRUCTION, INSPECTION AN	ID TES	TING * * This box tinspection	be completed only where the d and testing have been the respo	lesign, construction, onsibility of one person.			
I, being the perso are described ab for which I have b	ed exceptions appended: <b>N/A</b> on responsible for the design, consti ove, having exercised reasonable een responsible is to the best of my kr partures, if any, detailed as follows:	uction, i skill and owledge	Risk assessment appendi inspection and testing of the ele care when carrying out the d and belief, in accordance with BS	ectrical installation (as	No. of pages s indicated by my nspection and te	signature below), part sting, hereby CERTIFY (date	iculars of which that the work s)	h C
Details of departu	res from BS 7671, as amended (Regu	lations 1	20.3,133.5):					
	ilty of the signatory is limited to the v the <b>CONSTRUCTION</b> and the <b>INSPE</b> 0			s certificate.	Reviewed b	у		
Signature		Date		Signature		Date		
Name (CAPITALS				Name (CAPITALS)			Qualific Superv	

Page 1 of

<sup>†</sup> Where the inspection and testing have been carried out by an Approved Contractor, the inspection and testing results are to be reviewed by the registered Qualified Supervisor.

<sup>††</sup> Where the design, the construction, and the inspection and testing have been the responsibilty of one person, the inspection and testing results are to be reviewed by the registered Qualified Supervisor.



PARTICULAR	S OF THE O	RGANISATION	(S) RESP	ONSI	BLE FOR T	HE ELE(	CTRIC	AL INSTALI	LATIO	N					
DESIGN (1)	Organisation	† HURLEY PALME	R FLATT												
Addres	ss: 240 BLACK LONDON	FRIARS ROAD						IC Enrolment l re appropriate							
								ch number: plicable)							
		+		ŀ	Postcode: SE1	8NW									
DESIGN (2)	Organisation	1													
Addres	ss:							IC Enrolment l re appropriate							
								ch number: plicable)							
				ŀ	Postcode:										
† CONSTRUCTION	Organisation	H E SIMM AND	SON LTD												
Addres	BLOOMSBL	SELL SQUARE IRY					NICE (Esse	IC Enrolment I ntial Infomati	No on) 036	051001					
APPROVED	LONDON							ch number: plicable)							
CONTRACTOR		+		ŀ	Postcode: WC1	ІВ 4НР									
INSPECTION AND TESTING		† H E SIMM AND	SON LTD												
Addres	BLOOMSBL	SELL SQUARE IRY					NICE (whe	IC Enrolment l re appropriate	No 036	051001					
	LONDON							ch number: plicable)							
OUDDLY OUA	PAGTERIOT	100 AND 540			Postcode: WC1	В 4НР									
		ICS AND EART			GEMENIS		Tick b	oxes and ent			opriate	** Ch	naracteristi vercurrent l	cs of Prima Protective D	ry Supply evice(s)
<b>∜System Type(s)</b> TN-S	a.ı	imber and Type of Liv	re Conductors	d.c.		N	ominal oltage(s)	Nature of Supp U(1) N/A	V V	U <sub>o</sub> (1) 23	30 <sub>V</sub>	BS(EN)	BS 88-3	Fuse C	
		1-phase (3 wire)				N	ominal	50		Notes:	Ţ,	Туре	С		
TN-C-S	(Z WIIE)	(3'wire)		2-pole			equency pective		Hz	(1) by enquiry (2) by enquiry					
TN-C	2-phase (3 wire)			3-pole		cı cternal ea	ırrent, I <sub>p</sub>	(2)(3)	kA	measurement (3) where more	re than		ated curre hort-circui		A
TT	3-phase (3 wire)	3-phase (4 wire)		other	lo	op impen	dance, Z	e <sup>(2)(3)</sup>	Ω	one supply, re the higher or i values		ca	apacity	31.5	kA
IT	Other						Number sources	of 1		values			onfirmatio Ipply polar		•
PARTICULAR	S OF INSTA	LLATION AT T	HE ORIGI	N	· ·										
		Type:				f Installati Location:	on Earth	Electrode (wher	e applica	able)					
Distributor's facility:	(eg i	rod(s),tape etc) Electrode	(0)			thod of									
Installation earth electrode: Main Switch/Sv		esistance, R <sub>A</sub> :	(Ω)		measu	rement:									
_	EN 60947-3	Voltage rating	230	v	Maximu Demand (Loa			Amps			Protective				
No of 2		Rated	100	A	Domana (Edi	,		Earthing a	and Prote	ective Bondin			<b>.</b>		
Poles Sunnly	pper	current,I <sub>n</sub> RCD operating	21/2	mA	Earthing c Conductor	onductor Copper		Main protecti Conductor	ve bonding Coppe	-	installati		_	raneous-cond Lightning protection	uctive-parts (~ N/A
Supply conductors 25		current, $I_{\Delta n}^*$ RCD operating time (at $I_{\Delta n}$ )*		ms	material Conductor	25		material Conductor	16		installati	Oil	N/A	Structural steel	N/A
CSa		Rated		ms	csa		mm <sup>2</sup>	csa		mm <sup>2</sup>	installati	Gas	N/A		M
* (applicable only where a	an RCD is suitable an	delay * nd is used as a main circui		1113	Conti connection vi	erified	<u> </u>	Connection	verified		motunati	on pipes			E
COMMENTS	ON EXISTIN	IG INSTALLAT	ION							Note: F	nter 'NONF	' or, whe	re appropr	iate, the n	age number
		the case of an alte	ration or add	ditions	see Section 6	33 NO	NE			of addi	onal page(s	) of comm	nents on th	ne existing	installation
NEXT INSPE					eeks, as appropriate					§ 10 VEADO					
I/We the designer  * The proposed date for treasonably be expected		ND that this instal							re than	- IU TEARS	)				
reasonably be expected	to receive during its	intended life, and the per	iod should be agi	eed betv	veen the designer, i	nstaller and o	other releva	nt parties.					F	Page 2 c	of 6

Where the Approved Contractor responsible for the construction of the electrical installation has also been responsible for the desigand the inspection and testing of that installation, the 'Particulars of the Organisation(s) responsible for the Electrical Installation' may be recorded only in the section entitled 'CONSTRUCTION'



SCHEDULE OF ITEMS INSPECTED

† See note below

1.0	CONDITION OF ELECTRICAL INTAKE EQUIPMENT	
	(the Distributor should be notified of any unsatisfactory	
1.1	equipment) Service cable	
1.2	Service classe Service head	Ť
1.3	Distributor's earthing arrangement	Ť
1.4	Meter tails - Distributor/Consumer	Ť
1.5	Metering equipment	Ť
1.6	Isolator	~
2.0	PARALLEL OR SWITCHED ALTERNATIVE SOURCES OF SUPPLY	
2.1	Presence of adequate arrangements where generator to operate as a switched alternative	
	Dedicated earthing arrangement independent of that of the public supply	N/A
2.2	Presence of adequate arrangements where generator to operate in parallel with public supply system	
	a) Correct connection of generator in parallel	N/A
	b) Compatibility of characteristics of means of generation	N/A
	c) Means to provide automatic disconnection of generator in the event of loss of public supply system or voltage or frequency deviation beyond declared values	N/A
	Means to prevent connection of generator in the event of loss of public supply system or voltage or frequency deviation beyond declared values	N/A
	e) Means to isolate generator from the public supply system	N/A
2.3	Presence of alternative/additional supply warning notices at:	
	a) The origin	N/
	b) The meter position, if remote from origin	N/A
	c) The consumer unit/distribution board to which the alternative/additional sources are connected	N/
	d) All points of isolation of ALL sources of supply	N/A
3.0	AUTOMATIC DISCONNECTION OF SUPPLY	
3.1	Presence and adequacy of protective earthing/ bonding	
	arrangamenta an follower	
	arrangements as follows:  a) Distributor's earthing arrangement or installation earth	~
	a) Distributor's earthing arrangement or installation earth electrode arrangement	7
	a) Distributor's earthing arrangement or installation earth electrode arrangement     b) Earthing conductor and connections	\ \ \
	a) Distributor's earthing arrangement or installation earth electrode arrangement b) Earthing conductor and connections c) Main protective bonding conductors and connections	\ \ \
3.2	a) Distributor's earthing arrangement or installation earth electrode arrangement b) Earthing conductor and connections c) Main protective bonding conductors and connections d) Earthing/bonding labels at all appropriate locations	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \
3.2	a) Distributor's earthing arrangement or installation earth electrode arrangement b) Earthing conductor and connections c) Main protective bonding conductors and connections d) Earthing/bonding labels at all appropriate locations Accessibility of:	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \
3.2	a) Distributor's earthing arrangement or installation earth electrode arrangement b) Earthing conductor and connections c) Main protective bonding conductors and connections d) Earthing/bonding labels at all appropriate locations Accessibility of: a) Earthing conductor connections	Ť
	a) Distributor's earthing arrangement or installation earth electrode arrangement b) Earthing conductor and connections c) Main protective bonding conductors and connections d) Earthing/bonding labels at all appropriate locations Accessibility of: a) Earthing conductor connections b) All protective bonding connections	V
3.3	a) Distributor's earthing arrangement or installation earth electrode arrangement b) Earthing conductor and connections c) Main protective bonding conductors and connections d) Earthing/bonding labels at all appropriate locations Accessibility of: a) Earthing conductor connections	N/
3.3 3.4	a) Distributor's earthing arrangement or installation earth electrode arrangement b) Earthing conductor and connections c) Main protective bonding conductors and connections d) Earthing/bonding labels at all appropriate locations Accessibility of: a) Earthing conductor connections b) All protective bonding connections FELV - requirements satisfied Reduced low voltage - requirements satisfied	N/
3.3 3.4 <b>4.0</b>	a) Distributor's earthing arrangement or installation earth electrode arrangement b) Earthing conductor and connections c) Main protective bonding conductors and connections d) Earthing/bonding labels at all appropriate locations Accessibility of: a) Earthing conductor connections b) All protective bonding connections FELV - requirements satisfied Reduced low voltage - requirements satisfied  BASIC PROTECTION	N/A
3.3 3.4 <b>4.0</b>	a) Distributor's earthing arrangement or installation earth electrode arrangement b) Earthing conductor and connections c) Main protective bonding conductors and connections d) Earthing/bonding labels at all appropriate locations Accessibility of: a) Earthing conductor connections b) All protective bonding connections FELV - requirements satisfied Reduced low voltage - requirements satisfied  BASIC PROTECTION  Presence and adequacy of protective measures to provide basic protection	N/A
3.3 3.4 <b>4.0</b>	a) Distributor's earthing arrangement or installation earth electrode arrangement b) Earthing conductor and connections c) Main protective bonding conductors and connections d) Earthing/bonding labels at all appropriate locations Accessibility of: a) Earthing conductor connections b) All protective bonding connections FELV - requirements satisfied Reduced low voltage - requirements satisfied  BASIC PROTECTION Presence and adequacy of protective measures to provide basic protection a) Insulation of live parts	V V V N///
3.3 3.4 <b>4.0</b>	a) Distributor's earthing arrangement or installation earth electrode arrangement b) Earthing conductor and connections c) Main protective bonding conductors and connections d) Earthing/bonding labels at all appropriate locations Accessibility of: a) Earthing conductor connections b) All protective bonding connections FELV - requirements satisfied Reduced low voltage - requirements satisfied  BASIC PROTECTION  Presence and adequacy of protective measures to provide basic protection a) Insulation of live parts b) Barriers or enclosures	N/J
3.3 3.4 <b>4.0</b>	a) Distributor's earthing arrangement or installation earth electrode arrangement b) Earthing conductor and connections c) Main protective bonding conductors and connections d) Earthing/bonding labels at all appropriate locations Accessibility of: a) Earthing conductor connections b) All protective bonding connections FELV - requirements satisfied Reduced low voltage - requirements satisfied  BASIC PROTECTION Presence and adequacy of protective measures to provide basic protection a) Insulation of live parts	N/A N/A
3.3 3.4 4.0 4.1	a) Distributor's earthing arrangement or installation earth electrode arrangement b) Earthing conductor and connections c) Main protective bonding conductors and connections d) Earthing/bonding labels at all appropriate locations Accessibility of: a) Earthing conductor connections b) All protective bonding connections FELV - requirements satisfied Reduced low voltage - requirements satisfied  BASIC PROTECTION Presence and adequacy of protective measures to provide basic protection a) Insulation of live parts b) Barriers or enclosures c) Obstacles** d) Placing out of reach**	N// N//
3.3 3.4 4.0 4.1	a) Distributor's earthing arrangement or installation earth electrode arrangement b) Earthing conductor and connections c) Main protective bonding conductors and connections d) Earthing/bonding labels at all appropriate locations Accessibility of: a) Earthing conductor connections b) All protective bonding connections FELV - requirements satisfied Reduced low voltage - requirements satisfied  BASIC PROTECTION Presence and adequacy of protective measures to provide basic protection a) Insulation of live parts b) Barriers or enclosures c) Obstacles** d) Placing out of reach**	N/A N/A
3.3 3.4 <b>4.0</b> 4.1	a) Distributor's earthing arrangement or installation earth electrode arrangement b) Earthing conductor and connections c) Main protective bonding conductors and connections d) Earthing/bonding labels at all appropriate locations Accessibility of: a) Earthing conductor connections b) All protective bonding connections FELV - requirements satisfied Reduced low voltage - requirements satisfied  BASIC PROTECTION Presence and adequacy of protective measures to provide basic protection a) Insulation of live parts b) Barriers or enclosures c) Obstacles** d) Placing out of reach**	N/A N/A

6.0	OTHER METHODS OF PROTECTION							
	(insert location in box provided)							
	The presence and effectiveness of other methods of protection against electric shock where used, as follows:							
6.1	Basic and fault protection LOCATION							
	a) SELV	N/						
	b) PELV	N/						
	c) Double insulation/Reinforced insulation	N/						
	d) Electrical separation for one item of equipment	N/						
6.2	Fault protection							
	a) Non-conducting location/Earth-free local equipotential bonding**	N/						
	b) Electrical separation for more than one item of equipment**	N/						
7.0	DISTRIBUTION EQUIPMENT							
7.1	Adequacy of working space/accessibility	V						
7.2	Security of fixing	V						
7.3	Insulation of live parts not damaged during erection	~						
7.4	Adequacy / security of barriers	> > > >						
7.5	Suitability of enclosures for IP and fire ratings	<u> </u>						
7.6	Enclosures not damaged during installation	<b>V</b>						
7.7	Presence and effectiveness of obstacles	<u> </u>						
7.8	Presence of main switch(es), linked where required	V						
7.9	Operation of main switch(es) (functional check)							
7.10	Operation of circuit-breakers and RCDs to prove functionality	~						
7.11	RCD(s) provided for fault protection, where specified	N/						
7.12	RCD(s) provided for protection against fire							
7.13	RCD(s) provided for additional protection, where specified	_						
	Confirmation overvoltage protection (SPDs) provided where specified	N/						
	Confirmation of indication that SPD is functional	N/						
	Presence of RCD quarterly test notice at or near the origin	_						
	Presence of diagrams, charts or schedules at or near each distribution board, where required	-						
7.18	Presence of non-standard (mixed) cable colour warning notice at or near the appropriate distribution board, where required	N/						
7.19	Presence of next inspection recommendation label	V						
7.20	Presence of other required labelling	V						
7.21	Selection of protective device(s) and base(s); correct type and ratin	•						
7.22	Single-pole protective devices in line conductor only	<u> </u>						
	Protection against mechanical damage where cables enter equipment	_						
	Protection against electromagnetic effects where cables enter ferromagnetic enclosures	_						
7.25	Confirmation that ALL conductor connections, including connection to busbars are correctly located in terminals and are tight and secure	_						
8.0	CIRCUITS							
8.1	Identification of conductors	V						
8.2	Cables correctly supported throughout their length	V						
8.3	Examination of cables for signs of mechanical damage during installation	~						
8.4	Examination of insulation of live parts, not damaged during erection	٧						
** Fc	or use in controlled supervised/conditions only							



	Non-sheathed cables protected by enclosure in conduit, ducting or	4			
	trunking	<b>✓</b>	9.2	Switching off for mechanical maintenance	
.6	Suitability of containment systems (including flexible conduit)	<u> </u>		a) Presence of appropriate devices	~
.0	Outrainity of containment systems (including flexible conduct)	_		b) Acceptable location (state if local or remote) Local	<b>~</b>
.7	Correct temperature rating of cable insulation	~		c) Capable of being secured in the OFF position	<b>~</b>
.8	Adequacy of cables for current-carrying capacity with regard to the type and nature of installation	<b>✓</b>		d) Correct operation verified (functional check)	<b>✓</b>
	Adequacy of protective devices: type and rated current for fault protection	<b>✓</b>		e) The circuit or part thereof to be disconnected clearly identified by location and/or durable marking	_
	Presence and adequacy of circuit protective conductors	<u> </u>	9.3	Emergency switching/stopping	
	Coordination between conductors and overload protective devices	J		a) Presence of appropriate devices	N/A
	·			b) Readily accessible for operation where danger might occur	N/A
	Wiring systems and cable installation methods / practices appropriate to the type and nature of installation and external influences	<b>V</b>		c) Correct operation verified (functional check)  d) The installation, circuit or part thereof to be disconnected, clearly identified by location and/or durable marking	N/A N/A
	Cables installed under floors, above ceilings, in walls / partitions,	_	9.4	Functional switching	
	adequately protected against damage		3.4	a) Presence of appropriate devices	
	installed in prescribed zones	<u> </u>		· · · · · · · · · · · · · · · · · · ·	· 4
	incorporating earthed armour or sheath, or installed within earthed wiring system, or otherwise protected against mechanical damage by nails, screws and the like	N/A	_	b) Correct operation verified (functional check)	_
.14	Provision of additional protection by RCDs having rated residual operating current (I <sub>Δn</sub> ) not exceeding 30 mA		10.0	CURRENT-USING EQUIPMENT (PERMANENTLY CONNECTED)	
	a) for mobile equipment with a current rating not exceeding 32 A	N/A	10.1	Suitability of equipment in terms of IP and fire ratings	~
	for use outdoors b) For all socket-outlets of rating 20 A or less, unless exempt	_	10.2	Enclosure not damaged/deteriorated during installation so as to impair safety	~
	c) For cables installed in walls/partitions at a depth of less than 50	Ť	10.3	Suitability for the environment and external influences	~
	mm	<u> </u>	10.4	Security of fixing	
	d) For cables installed in walls/partitions containing metal parts regardless of depth	<b>~</b>		Cable entry holes in ceilings above luminaires, sized or sealed so as to restrict the spread of fire	~
	Provision of fire barriers, sealing arrangements so as to minimize the spread of fire	<b>✓</b>	10.6	Recessed luminaires (downlighters)	
	Band II cables segregated/separated from Band I cables	<u> </u>		a) Correct type of lamps fitted	<b>✓</b>
	Cables segregated/separated from non-electrical services	J		b) Installed to minimise build-up of heat	<u> </u>
	Termination of cables at enclosures	Ť	10.7	Provision of undervoltage protection, where specified	N/A
	a) Connections under no undue strain	<u> </u>		Provision of overload protection, where specified	V
		Ť		Adequacy of working space/accessibility to equipment	<u> </u>
	<u> </u>			Company of the contract of the	
	c) Connections of live conductors adequately enclosed	<u> </u>	11 0	SPECIAL INSTALLATIONS OR LOCATIONS	
	<ul> <li>Adequately connected at point of entry to enclosure (glands, bushes etc.)</li> </ul>	<b>V</b>		List below any Special Installations or Locations which are part of	
.19	Suitability of circuit accessories for external influences	N/A		the installation to be verified, and confirm that the additional requirements given in the respective section of Part 7 are fulfilled.	
.20	Circuit accessories not damaged during erection	<b>✓</b>	RAT	HROOM	J
.21	Single-pole devices for switching in line conductor only	<b>✓</b>	DAT		₩
	Adequacy of connections, including cpcs, within accessories and at fixed and stationary equipment	<u>~</u>			
9.0	ISOLATION AND SWITCHING	_			
).1	Isolators				
	a) Presence and location of appropriate devices	<u> </u>	12.0	OTHER	
	b) Capable of being secured in the OFF position	<u></u>	12.0		
	c) Correct operation verified (functional check)	V			
	d) The installation, circuit or part thereof that will be isolated is clearly identified by location and/or durable marking	V			
	e) Warning label posted in situations where live parts cannot be isolated by the operation of a single device	N/A			

<sup>#</sup> All boxes must be completed. 'v' indicates that an inspection was carried out and that the result was satisfactory. 'N/A' indicates that an inspection was not applicable to the particular installation.

<sup>\*</sup> 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).



## SCHEDULE OF CIRCUIT DETAILS FOR THE INSTALLATION

				CIRCUIT DETAILS								
TO BE COM	MPLETED IN EVERY CASE	TO BE CO	OMPLETED	ONLY IF THE DISTRIBUTION B	OARD IS N	OT CONNECT	TED DIRECTLY TO	O THE ORI	GIN OF THE	INSTALLATI	ON*	
Location of distribution board:	APARTMENT SERVICE CUPBOARD	Supply to distr board is from:	ribution	UKPS RISER				No of phases:	1	Nominal voltage:	230	V
		Overcurrent prote	ective device	for the distribution circuit:			Ass RCD (if any):	ociated BS(EN)	N/A			
Distribution board designation:	DB 563 JACKSON BUILDING	Type: BS(EN) BS 88	8-3 Fuse C	2	Rating:	100	Α	RCD No of poles:	N/A	l∆n	N/A	mA

	Circuit designation				Cir conduc	cuit tors: csa	E .	Overcurrent pr	otective d	levices		RCD	1671
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)	Туре	(V) Rating	Short-circuit capacity	© Operating Current, I∆n	(S) Maximum Zs permitted by BS 7671
1	FIRE ALARMS	Α	102	6	1.5	1	0.4	60898 MCB	В	6	6		7.28
2	INTRUDER ALARM	Α	102	1	2.5	1.5	0.4	60898 MCB	В	6	6		7.28
*	RCCB							61008 RCD				30	
3	KITCHEN SOCKETS	Α	102	6	2.5	1.5	0.4	60898 MCB	С	32	6		0.68
4	нов	Α	102	1	6	2.5	0.4	60898 MCB	С	32	6		0.68
5	LIGHTS-HALL/KITCHEN/BEDROOM	Α	102	12	1.5	1	0.4	60898 MCB	В	6	6		7.28
6	SPARE												
7	SPARE												
8	SPARE												
9	SPARE												
10	SPARE												
*	RCCB							61008 RCD				30	
11	LIVING/HALL/BEDROOM SOCKETS	Α	102	9	2.5	1.5	0.4	60898 MCB	С	32	6		0.68
12	OVEN	Α	102	1	2.5	1.5	0.4	60898 MCB	С	20	6		1.09
13	UTILITY CUPBOARD- SOCKETS/SPURS	Α	102	4	2.5	1.5	0.4	60898 MCB	С	20	6		1.09
14	BATHROOM POD- LIGHTING/T/RAIL/MVHR/MEV	Α	102	12	2.5	1.5	0.4	60898 MCB	С	16	6		1.37
15	SPARE												
16	SPARE												
17	SPARE												
*	SUPPLY TO APARTMENT	G	E	1	25	25	5	88-3 C	С	100	31.5		0.38

\$ See Table 4A2 of Appendix 4 of BS 7671

					CODES	FOR TYPE OF	WIRING	
A	В	С	D	E	F	G	Н	O (Other - please state)
Thermopla insulate sheathe cables	tic Thermoplastic cables in metallic conduit	Thermoplastic cables in non-metallic conduit	cables	Thermoplastic cables in non-metallic trunking	/SWA cables	Thermosetting /SWA cables	Mineral- insulated cables	

<sup>\*</sup> 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

						TEST R	ESULTS						
			THE DISTRIBUTION BOA The Origin of the inst		INNECTED		Test instruments (serial numbers) used:						
		Characteri	stics at this distribution	board									
	Yes	Confirm	nation of supply pola	rity		Earth fault loop impedance	8108677	RCD	8108677				
* S	ee note below					Insulation		Multi-					
Zs	*0.14	Ω		At I∆n	ms	resistance	8108677	function	8108677				
$I_{pf}$	*1.7	kA	of associated RCD (if any)	At 5l∆n	ms	Continuity	8108677	Other					
	Phase s	equence	confirmed (where ap	propriate)									

		Ci	rcuit impedano (Ω)	ces			Insulation re	esistance		Polarity	Maximum measured earth	RCD op	erating nes	
Circuit number and line	Rin (me	g final circuits o easured end to e	nly nd)	All ci (At least o to be co	rcuits ne column mpleted)	Line/Line †	Line/Neutral †	Line/Earth †	Neutral/Earth		fault loop impedance, Z <sub>S</sub>	at l∆n	at 5l∆n (if applicable)	Test button operation
S	r₁ (Line)	r <sub>n</sub> (Neutral)	r <sub>2</sub> (cpc)	$R_1 + R_2$	$R_2$	(MΩ)	(MΩ)	(MΩ)	(MΩ)	( <b>y</b> )	$(\Omega)$	(ms)	(ms)	(✓)
1				1.31			>999	>999	>999	~	1.35			
2				0.06			>999	>999	>999	~	0.15			
*												38	14	~
3	0.34	0.33	0.45	0.22			>999	>999	>999	~	0.35			
4				0.12			>999	>999	>999	~	0.20			
5				0.97			>999	>999	>999	~	1.15			
6														
7														
8														
9														
10														
*												38	14	~
11	0.67	0.67	1.02	0.43			>999	>999	>999	~	0.51			
12				0.19			>999	>999	>999	>	0.32			
13				0.11			>999	>999	>999	>	0.25			
14				0.35			>999	>999	>999	>	0.40			
15														
16														
17														
*				0.07			>999	>999	>999	>	0.14			

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

TESTED BY

IESTED BI			
Signature:	). Journe	Position:	Electrical Tester
Name: (CAPITALS)	D JOHNSON	Date of testing:	18/06/2019

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