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

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ICN4/0757914

ECTF	RICAL	<b>INSTA</b>	LLAT	ION (	CERTI	<b>FICA</b>	ΓE
	Issued in accordance	e with British Standa	rd 7671 · Requirem	nents for Electrical	l Installations by an	Approved Contract	or or

Conforming Body enrolled with NICEIC, Warwick House, Houghton Hall Park, Houghton Regis, Dunstable, LUS 5ZX

DETAILS OF 1								
Client / Address:	JOHN SISK AND SON LIMITED, 1 C	URO PARK, FROGMO	RE, ST ALBANS, HE	RTFORDSHIRE			Postcode: AL2	2DD
DETAILS OF T	THE INSTALLATION						The insta	llation is:
Address:	463 JACKSON BUILDING, 2 ENGIN	EERS WAY, WEMBLEY	(			Postcode: HA9 OSH	New	✓
Extent of the installation	CIRCUITS FED VIA APARTMENT DE	3 ONLY					An addition	
covered by this certificate:							An	
							alteration	_
DESIGN	Details of permitted e	xceptions appended:	N/A	Risk assessme	ent appended: N/A	No. of p	ages	
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:	esign of the electr ill and care when c and belief, in accore	ical installation ( arrying out the d dance with BS 76	as indicated by my esign, hereby CERTI 71 amended to	our signature(s) FY that the desi 2015	) below), particulars gn work for which l/ (date	of which are we have been )	
Details of departu	res from BS 7671, as amended (Regu	lations 120.3,133.5):	NONE					
The extent of liab For the <b>DESIGN</b> o	ilty of the signatory/signatories is limi f the installation:	ted to the work descr	ibed above as the su	ubject of this certificate		is divided responsibility	for the decign	
Signature /	-	Date 27/09/2019	9	Name (CAPITALS)	J ROBINSON		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 partures, if any, detailed as follows:	able skill and care	e when carrving	out the construction	by my signatu on, hereby CER 2015	re below), particula TIFY that the const (date	ruction work	
Details of departu	res from BS 7671, as amended (Regu	lations 120.3,133.5):	NONE					
The extent of liab For the <b>CONSTRI</b>	ilty of the signatory is limited to the v ICTION of the installation:	vork described above	as the subject of thi	s certificate.				
Signature	Du	Date 24/09/2019	9	Name (CAPITALS)	L BOURDICE		Constructor	
INSPECTION	AND TESTING							
are described for which I have b	rson responsible for the inspect above, having exercised reasor een responsible is to the best of my kr partures, if any, detailed as follows:	nable skill anð car	re when carrying	g out the inspection	ted by my signa on and testing, 2015	ture below), particul hereby CERTIFY th (date	at the work	
Details of departu	rres from BS 7671, as amended (Regu	lations 120.3,133.5):	NONE					
The extent of liab For the <b>INSPECT</b>	ilty of the signatory/signatories is limi ION AND TESTING <sup>of</sup> the installation	ted to the work descr :	ibed above as the su	ubject of this certificate	e.			
Signature Suff		Date 24/09/2019	Ð	Signature		Date	24/09/2019	
Name (CAPITALS	) S WILSON	Insp	ector	Name (CAPITALS) S	WILSON		Qualifi Superv	
DESIGN, CON	STRUCTION, INSPECTION AN	ID TESTING *	* This box t	o be completed only where the and testing have been the resp	design, construction, onsibility of one person			
l, being the perso are described ab for which I have b	ed exceptions appended: <b>N/A</b> In responsible for the design, consti Iove, having exercised reasonable s een responsible is to the best of my kr partures, if any, detailed as follows:	ruction, inspection ar skill and care when	assessment append nd testing of the ele carrving out the d	ed: <b>N/A</b> ectrical installation (a esign, construction, i	No. of pages s indicated by my	] signature below), part sting, hereby CERTIFY (date	that the worl	h K
Details of departu	res from BS 7671, as amended (Regu	lations 120.3,133.5):						
The extent of liab For the <b>DESIGN</b> ,	ilty of the signatory is limited to the v the <b>CONSTRUCTION</b> and the <b>INSPE</b>	vork described above a CTION AND TESTING	as the subject of thi Gof the installation:	s certificate.	Reviewed b	Ŷ		
Signature		Date		Signature		Date		
Name (CAPITALS	)			Name (CAPITALS)			Qualifi Superv	
	d testing have been carried out by an Approved Con Instruction, and the inspection and testing have bee ervisor.						Page 1 of	6
	ised on the model shown in Appendix i e LLP. Certsure LLP operates the ELE	6 of BS7671 CSA & NICEIC brands	. © Copyright Certs	sure LLP (January 2015	5)	Please see th	e 'Notes for R	ecipients



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PARTIC	ULAR	S OF TH	E ORG/	ANISATION	(S) RES	PONSI	BLE FOR	THE EL	CTRIC/	AL INS	TALLA	TION						
DESIGN	(1)	Organisat	tion † H	URLEY PALME	R FLATT													
	Addres	s: 240 BL Londo	ACKFRIA N	ARS ROAD						IC Enrolı re appro	ment No priate)							
						F	ostcode: S	E1 8NW		ch numb plicable)								
DESIGN	(2)	Organisat	tion †															
	Addres	s:								IC Enroli re appro	ment No priate)							
						C	ostcode:		Bran	ch numb plicable)	er:							
†		Organisat	tion H	E SIMM AND	חד ו אחצ	1	USILUUE.											
CONSTRUC	CTION Addres	55 56		SQUARE					NICE	IC Enroli	ment No	0260	E1001					-
			ISBURY								ment No omation) or:	) 0360	51001					
APP	PROVED	Branch number: (if annlicable)																
INSPECT AND TEST		Organisat	tion <sup>†</sup> H	E SIMM AND	SON LTD													
	Addres		RUSSELL ISBURY	SQUARE					NICE (whe	IC Enrolı re appro	ment No priate)	0360	51001					
		LONDO	IN			-				ch numb plicable)								
		DAGTER					ostcode: V	_							*			
SUPPLY +System Ty		KAGTER		AND EART			ENIENT	ຽ			f Supply I			ppropriate			cs of Primary Protective Dev	
TN-S			a.c.	✓		d.c.			Nominal Voltage(s)		1	V	U <sub>0</sub> (1)	<sup>230</sup> v	BS(EN)	BS 88-3	Fuse C	
TN-C-S	~	1-phạse (2 wire)	✓	1-phạse (3 wire)		2-pole			Nominal frequency	5	0	11-	Notes: (1) by eni	auirv	Туре	C		
TN-C		2-phase (3 wire)		(0 1110)		3-pole		Pro	spective f	fault 3	.1		-	quiry or by	Rat	ted curre	n 100	A
TT		3-phase (3 wire)		3-phase (4 wire)		other		External	earth fault ndance, Z	0	07	Ω	one suppl	e more than ly, record		ort-circuit bacity	<sup>1</sup> 31.5	kA
п		Other		(4 WIE)		othor			Number sources	of 1			the highe values	er or highest	Cor	nfirmation oply polar	n of 🗸	
PARTIC	ULAR	S OF IN	STALLA	TION AT T	HE ORIO	SIN												
♦ Means of	f Earthin			Type:			Detail	s of Installa Location:	tion Earth	Electrode	(where a	applicab	le)					
Distribi fa			-	),tape etc) Electrode	(Ω)			Method of	-									_
Instal earth elec ⇔Main Sv		vitch-Fuse/(		tance, R <sub>A</sub> : aker/RCD	(22)		mea	isurement:										
Type: BS(EN)		EN 60947		Voltage rating	230	V	Maxi Demand (	imum 8 Load)	0	A	mps			Protectiv against ele	e measures ctric shock:			
No of Poles	2			Rated current, I <sub>n</sub>	100	Α	Earthir	ig conductor			thing and rotective l			nding Conducto		ding of ext	raneous-conduct	ive-narts (v)
Supply conductor material	's Cop	oper	R	CD operating current, I∆n*	N/A	mA		or Conne		Condu mat	ctor (	Copper		installat			Lightning protection	N/A
Supply conductor csa	rs 25	ľ	nm² R t	CD operating ime (at I∆n)*	N/A	ms	Conductor csa	20	mm <sup>2</sup>	Condu	ctor csa	16	mm <sup>2</sup>	2 installat	Oil ion pipes	N/A	Structural steel	N/A
* (applicable on	nly where a	an RCD is suite	able and is us	Rated delay * sed as a main circuit	N/A -breaker)	ms	Co connection	ntinuity/ verified	✓	conne	Contin ection ve	nuity/ erified	~	installat	Gas ion pipes	N/A	Other N E	1
COMME	INTS	ON EXIS	TING I	NSTALLATI	ON				0.NF				Not	e: Enter 'NON	E' or, where	e appropr	iate, the pao	e number(s)
	ICDE			case of an alter				11 0 3 3	ONE			_	of a	ddional page(s	s) of comme	nts on th	e existing in	stallation.
NEXT IN				§ Interval in term hat this install:					er an into	rval of n	ot more	than <sup>§</sup>	10 YE/	ARS				
** The proposed	date for t	he next inspec	tion should t	take into consideration led life, and the period	on the freque	ncy and qua	lity of mainten	ance that the l	nstallation ca	п	51 11016	mun						
Where the App of that install	proved Co ation, the	ntractor respo 'Particulars of	nsible for the f the Organis	e construction of the ation(s) responsible i	e electrical ins for the Electri	tallation ha ical Installat	s also been res ion' may be red	oonsible for th corded only in	e desig <b>and</b> th the section en	he inspectio titled 'CON	n and testin STRUCTIO	ng N'				F	Page 2 of	6

Where the Approved Contractor respon of that installation, the 'Particulars of 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, a separate sheet must be provided which identifies the relevant information relating to each additional source.

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Please see the 'Notes for Recipients'



### ICN4/0757914

### SCHEDULE OF ITEMS INSPECTED

SCH	EDULE OF ITEMS INSPECTED	† See note below
1.0	CONDITION OF ELECTRICAL INTAKE	EQUIPMENT

(the Distributor should be notified of any unsatisfactory

	equipment)	
1.1	Service cable	<b>~</b>
1.2	Service head	<b>~</b>
1.3	Distributor's earthing arrangement	$\checkmark$
1.4	Meter tails - Distributor/Consumer	<b>&gt;</b>
1.5	Metering equipment	<b>~</b>
1.6	Isolator	<b>~</b>
2.0	PARALLEL OR SWITCHED ALTERNATIVE SOURCES OF SUPPLY	
2.1	Presence of adequate arrangements where generator to operate as a switched alternative	
	<ul> <li>a) Dedicated earthing arrangement independent of that of the public supply</li> </ul>	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
	<li>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</li>	N/A
	<ul> <li>d) Means to prevent connection of generator in the event of loss of public supply system or voltage or frequency deviation hevond declared values</li> </ul>	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/A
	b) The meter position, if remote from origin	N/A
	<ul> <li>c) The consumer unit/distribution board to which the alternative/additional sources are connected</li> </ul>	N/A
	d) All points of isolation of ALL sources of supply	N/A
		N/A
3.0		N/A
	d) All points of isolation of ALL sources of supply AUTOMATIC DISCONNECTION OF SUPPLY Presence and adequacy of protective earthing/ bonding	N/A
	d) All points of isolation of ALL sources of supply AUTOMATIC DISCONNECTION OF SUPPLY Presence and adequacy of protective earthing/ bonding arrangements as follows: a) Distributor's earthing arrangement or installation earth	N/A
	d) All points of isolation of ALL sources of supply AUTOMATIC DISCONNECTION OF SUPPLY Presence and adequacy of protective earthing/ bonding arrangements as follows:	N/A
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	d) All points of isolation of ALL sources of supply AUTOMATIC DISCONNECTION OF SUPPLY Presence and adequacy of protective earthing/ bonding arrangements as follows: a) Distributor's earthing arrangement or installation earth electrode arrangement b) Earthing conductor and connections	N/A
3.1	d) All points of isolation of ALL sources of supply         AUTOMATIC DISCONNECTION OF SUPPLY         Presence and adeguacy of protective earthing/ bonding arrangements as follows:         a) Distributor's earthing arrangement or installation earth electrode arrangement         b) Earthing conductor and connections         c) Main protective bonding conductors and connections	N/A
3.1	d) All points of isolation of ALL sources of supply         AUTOMATIC DISCONNECTION OF SUPPLY         Presence and adequacy of protective earthing/ bonding arrangements as follows:         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	N/A
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3.1 3.2 3.3 3.4	<ul> <li>d) All points of isolation of ALL sources of supply</li> <li>AUTOMATIC DISCONNECTION OF SUPPLY</li> <li>Presence and adequacy of protective earthing/ bonding arrangements as follows:         <ul> <li>a) Distributor's earthing arrangement or installation earth electrode arrangement</li> <li>b) Earthing conductor and connections</li> <li>c) Main protective bonding conductors and connections</li> <li>d) Earthing/bonding labels at all appropriate locations</li> </ul> </li> <li>Accessibility of:         <ul> <li>a) Earthing conductor connections</li> <li>b) All protective bonding connections</li> </ul> </li> <li>FELV - requirements satisfied</li> </ul>	> > > > > > > > > >
3.1 3.2 3.3 3.4 4.0	d) All points of isolation of ALL sources of supply           AUTOMATIC DISCONNECTION OF SUPPLY           Presence and adequacy of protective earthing/ bonding arrangements as follows:           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	> > > > > > > > > >
3.1 3.2 3.3 3.4 <b>4.0</b>	<ul> <li>d) All points of isolation of ALL sources of supply</li> <li>AUTOMATIC DISCONNECTION OF SUPPLY</li> <li>Presence and adequacy of protective earthing/ bonding arrangements as follows: <ul> <li>a) Distributor's earthing arrangement or installation earth electrode arrangement</li> <li>b) Earthing conductor and connections</li> <li>c) Main protective bonding conductors and connections</li> <li>d) Earthing/bonding labels at all appropriate locations</li> </ul> </li> <li>Accessibility of: <ul> <li>a) Earthing conductor connections</li> <li>b) All protective bonding connections</li> </ul> </li> <li>b) All protective bonding connections</li> <li>fELV - requirements satisfied</li> </ul> <li>BASIC PROTECTION</li> <li>Presence and adequacy of protective measures to provide basic protection</li>	N/A
3.1 3.2 3.3 3.4 <b>4.0</b>	<ul> <li>d) All points of isolation of ALL sources of supply</li> <li>AUTOMATIC DISCONNECTION OF SUPPLY</li> <li>Presence and adequacy of protective earthing/ bonding arrangements as follows: <ul> <li>a) Distributor's earthing arrangement or installation earth electrode arrangement</li> <li>b) Earthing conductor and connections</li> <li>c) Main protective bonding conductors and connections</li> <li>d) Earthing/bonding labels at all appropriate locations</li> </ul> </li> <li>Accessibility of: <ul> <li>a) Earthing conductor connections</li> <li>b) All protective bonding connections</li> </ul> </li> <li>b) All protective bonding connections</li> <li>FELV - requirements satisfied</li> </ul> <li>BASIC PROTECTION</li> <li>Presence and adequacy of protective measures to provide basic protection <ul> <li>a) Insulation of live parts</li> </ul> </li>	> > > > > > > > > >
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3.1 3.2 3.3 3.4 4.1 5.0	<ul> <li>d) All points of isolation of ALL sources of supply</li> <li>AUTOMATIC DISCONNECTION OF SUPPLY</li> <li>Presence and adequacy of protective earthing/ bonding arrangements as follows: <ul> <li>a) Distributor's earthing arrangement or installation earth electrode arrangement</li> <li>b) Earthing conductor and connections</li> <li>c) Main protective bonding conductors and connections</li> <li>d) Earthing conductor connections</li> <li>d) Earthing conductor connections</li> <li>b) All protective bonding connections</li> <li>b) All protective bonding connections</li> <li>b) All protective bonding connections</li> <li>FELV - requirements satisfied</li> </ul> </li> <li>BASIC PROTECTION Presence and adequacy of protective measures to provide basic protection <ul> <li>a) Insulation of live parts</li> <li>b) Barriers or enclosures</li> <li>c) Obstacles**</li> <li>d) Placing out of reach**</li> </ul> </li> </ul>	V V V V N/A N/A
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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/A
	b) PELV	N/A
	c) Double insulation/Reinforced insulation	N/A
	d) Electrical separation for one item of equipment	N/A
6.2	Fault protection	
	a) Non-conducting location/Earth-free local equipotential bonding **	N/A
	b) Electrical separation for more than one item of equipment* *	N/A
7.0	DISTRIBUTION EQUIPMENT	
7.1	Adequacy of working space/accessibility	✓
7.2	Security of fixing	<b>~</b>
7.3	Insulation of live parts not damaged during erection	<b>~</b>
7.4	Adequacy / security of barriers	<b>V</b>
7.5	Suitability of enclosures for IP and fire ratings	✓
7.6	Enclosures not damaged during installation	~
7.7	Presence and effectiveness of obstacles	<b>~</b>
7.8	Presence of main switch(es), linked where required	✓
7.9	Operation of main switch(es) (functional check)	<u> </u>
7.10	Operation of circuit-breakers and RCDs to prove functionality	✓
7.11	RCD(s) provided for fault protection, where specified	N/A
7.12	RCD(s) provided for protection against fire	N/A
7.13	RCD(s) provided for additional protection, where specified	<u> </u>
7.14	Confirmation overvoltage protection (SPDs) provided where specified	N/A
7.15	Confirmation of indication that SPD is functional	N/A
	Presence of RCD quarterly test notice at or near the origin	<b>~</b>
7.17	Presence of diagrams, charts or schedules at or near each distribution board, where required	<u> </u>
7.18	Presence of non-standard (mixed) cable colour warning notice at or near the appropriate distribution board, where required	N/A
7.19	Presence of next inspection recommendation label	✓
7.20	Presence of other required labelling	<b>~</b>
7.21	Selection of protective device(s) and base(s); correct type and ratin	<b>~</b>
7.22	Single-pole protective devices in line conductor only	✓
7.23	Protection against mechanical damage where cables enter equipment	<b>~</b>
7.24	Protection against electromagnetic effects where cables enter ferromagnetic enclosures	<b>~</b>
7.25	Confirmation that ALL conductor connections, including connection to busbars are correctly located in terminals and are tight and secure	<b>~</b>
8.0	CIRCUITS	
8.1	Identification of conductors	$\checkmark$
8.2	Cables correctly supported throughout their length	$\checkmark$
8.3	Examination of cables for signs of mechanical damage during installation	<b>V</b>
8.4	Examination of insulation of live parts, not damaged during erection	✓

\*\* For use in controlled supervised/conditions only

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#### SCHEDULE OF ITEMS INSPECTED

† See note below

8.5		n-sheathed cables protected by enclosure in conduit, ducting or nking	•
8.6	Su	itability of containment systems (including flexible conduit)	~
8.7	Co	rrect temperature rating of cable insulation	✓
8.8	Ad typ	equacy of cables for current-carrying capacity with regard to the be and nature of installation	~
8.9		equacy of protective devices: type and rated current for fault tection	~
8.10	Pre	esence and adequacy of circuit protective conductors	~
8.11	Co	ordination between conductors and overload protective devices	~
8.12	ap	ring systems and cable installation methods / practices propriate to the type and nature of installation and external luences	~
8.13	Ca ade	bles installed under floors, above ceilings, in walls / partitions, equately protected against damage	
	•	installed in prescribed zones	V
		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
8.14	Pro ope	vision of additional protection by RCDs having rated residual protecting current (I_n ) not exceeding 30 mA	
	a)	for mobile equipment with a current rating not exceeding 32 A for use outdoors $% \left( {\left[ {{{\rm{A}}} \right]} \right)$	N/A
	b)	For all socket-outlets of rating 20 A or less, unless exempt	<b>v</b>
	c)	For cables installed in walls/partitions at a depth of less than $51\mathrm{mm}$	~
	d)	For cables installed in walls/partitions containing metal parts regardless of depth	~
8.15	Pro the	ovision of fire barriers, sealing arrangements so as to minimize spread of fire	~
8.16	Ва	nd II cables segregated/separated from Band I cables	<b>v</b>
8.17	Ca	bles segregated/separated from non-electrical services	<b>V</b>
8.18	Te	rmination of cables at enclosures	
	a)	Connections under no undue strain	~
	b)	No basic insulation of a conductor visible outside enclosure	V
	c)	Connections of live conductors adequately enclosed	V
	d)	Adequately connected at point of entry to enclosure (glands, bushes etc.)	<b>~</b>
8.19	Su	itability of circuit accessories for external influences	N/A
8.20	Cir	cuit accessories not damaged during erection	V
8.21	Sin	gle-pole devices for switching in line conductor only	V
8.22	Ad fix	equacy of connections, including cpcs, within accessories and at ed and stationary equipment	~
9.0	IS	DLATION AND SWITCHING	
9.1	lso	lators	
	a)	Presence and location of appropriate devices	V
	b)	Capable of being secured in the OFF position	V
	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	~
	e)	Warning label posted in situations where live parts cannot be	N/A

#### 9.2 Switching off for mechanical maintenance a) Presence of appropriate devices 4 b) Acceptable location (state if local or remote) Local 4 c) Capable of being secured in the OFF position 4 d) Correct operation verified (functional check) ~ The circuit or part thereof to be disconnected clearly identified by location and/or durable marking e) 9.3 Emergency switching/stopping a) Presence of appropriate devices N/A b) Readily accessible for operation where danger might occur N/A N/A c) Correct operation verified (functional check) The installation, circuit or part thereof to be disconnected, clearly identified by location and/or durable marking d) N/A 9.4 Functional switching ~ a) Presence of appropriate devices b) Correct operation verified (functional check) $\checkmark$ 10.0 CURRENT-USING EQUIPMENT (PERMANENTLY CONNECTED) 10.1 Suitability of equipment in terms of IP and fire ratings 4 10.2 Enclosure not damaged/deteriorated during installation so as to V impair safety 10.3 Suitability for the environment and external influences $\checkmark$ 10.4 Security of fixing 10.5 Cable entry holes in ceilings above luminaires, sized or sealed so as $\checkmark$ to restrict the spread of fire 10.6 Recessed luminaires (downlighters) a) Correct type of lamps fitted V b) Installed to minimise build-up of heat 4 N/A 10.7 Provision of undervoltage protection, where specified 10.8 Provision of overload protection, where specified ~ 10.9 Adequacy of working space/accessibility to equipment < **11.0 SPECIAL INSTALLATIONS OR LOCATIONS** List below any Special Installations or Locations which are part of the installation to be verified, and confirm that the additional requirements given in the respective section of Part 7 are fulfilled. BATHROOM **12.0 OTHER**

+ All boxes must be completed. '<' 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.

\* 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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ICN4/0757914

## SCHEDULE OF CIRCUIT DETAILS FOR THE INSTALLATION

			CIRCUIT DETAILS									
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:	APARTMENT SERVICE Cupboard	Supply to distribution board is from:	UKPS RISER				No of phases:	1	Nominal voltage:	230	۷	.
		Overcurrent protective devic	e for the distribution circuit:			Ass RCD (if any):	ociated BS(EN)	N/A				
Distribution board designation:	DB 463 JACKSON BUILDING	Type: BS(EN) BS 88-3 Fuse	C	Rating:	100	А	RCD No of poles:	N/A	l∆n	N/A	mA	•

Circuit designation				Cir conduct	cuit tors: csa	tion	Overcurrent protective devices					7671
	Type of wiring (see code below)	Reference → method	Number of points served	Live (mm²)	cpc (mm²)	Max. disconnecti itime permitted by BS 7671	BS (EN)	Type	🖲 Rating	A Short-circuit C capacity	Ƴ Operating Ƴ current, I∆n	© Maximum Zs permitted by BS 7671
FIRE ALARMS	A	102	6	1.5	1	0.4	60898 MCB	В	6	6		7.28
INTRUDER ALARM	Α	102	1	2.5	1.5	0.4	60898 MCB	В	6	6		7.28
RCCB							61008 RCD				30	
KITCHEN SOCKETS	Α	102	6	2.5	1.5	0.4	60898 MCB	C	32	6		0.68
НОВ	Α	102	1	6	2.5	0.4	60898 MCB	C	32	6		0.68
LIGHTS-HALL/KITCHEN/BEDROOM	Α	102	12	1.5	1	0.4	60898 MCB	В	6	6		7.28
SPARE												
SPARE												
SPARE												
SPARE												
SPARE												
RCCB							61008 RCD				30	
LIVING/HALL/BEDROOM SOCKETS	А	102	9	2.5	1.5	0.4	60898 MCB	C	32	6		0.68
OVEN	А	102	1	2.5	1.5	0.4	60898 MCB	C	20	6		1.09
UTILITY CUPBOARD- SOCKETS/SPURS	А	102	4	2.5	1.5	0.4	60898 MCB	C	20	6		1.09
BATHROOM POD- LIGHTING/T/RAIL/MVHR/MEV	А	102	12	2.5	1.5	0.4	60898 MCB	C	16	6		1.37
SPARE												
SPARE												
SPARE												
SUPPLY TO APARTMENT	G	E	1	25	25	5	88-3 C	C	100	31.5		0.38
	FIRE ALARMS INTRUDER ALARM RCCB KITCHEN SOCKETS HOB LIGHTS-HALL/KITCHEN/BEDROOM SPARE SPARE SPARE SPARE SPARE SPARE RCCB LIVING/HALL/BEDROOM SOCKETS OVEN UTILITY CUPBOARD- SOCKETS/SPURS BATHROOM POD- LIGHTING/T/RAIL/MVHR/MEV SPARE SPARE SPARE SPARE SPARE	FIRE ALARMS       A         INTRUDER ALARM       A         RCCB       KITCHEN SOCKETS         KITCHEN SOCKETS       A         HOB       A         LIGHTS-HALL/KITCHEN/BEDROOM       A         SPARE       S         SPARE       I         IUVING/HALL/BEDROOM SOCKETS       A         UTILITY CUPBOARD- SOCKETS/SPURS       A         BATHROOM POD- LIGHTING/T/RAIL/MVHR/MEV       A         SPARE       I         SPARE       I         SPARE       I         SPARE       I         SPARE       I         SPARE       I	Pipe of the second se	Pine diamonPine diamo	ItiveItiveItiveBig by	Provide of the second	r         r	initial state         initial	no by 	Image Image Image Image ImageImage Image<	instant in	right upper 

**†** See Table 4A2 of Appendix 4 of BS 7671

	CODES FOR TYPE OF WIRING											
A	В	C	D	E	F	G	Н	O (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 cables	Thermosetting /SWA cables	Mineral- insulated cables					

\* 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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See next page for Schedule of Test Results



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# SCHEDULE OF TEST RESULTS FOR THE INSTALLATION

						TEST R	ESULTS					
	DIR	ECTLY TO	F THE DISTRIBUTION BOA The origin of the INS	TALLATION	NNECTED	Test instruments (serial numbers) used:						
		Character	ristics at this distribution	board								
	Yes	Confir	mation of supply pola	arity		Earth fault loop impedance	8108677	RCD	8108677			
* Se	ee note below					Insulation		Multi-				
$Z_{S}$	*0.16	Ω	Operating times	At I∆n	ms	resistance	8108677	functio	r 8108677			
$I_{\rm Pf}$	*1.4	kA	of associated RCD (if any)	At 5l∆n	ms	Continuity	8108677	Other				
	DI		C 1/ 1									

Phase sequence confirmed (where appropriate)

		Ci	rcuit impedan (Ω)	Ces			Insulation r	esistance		Polarity	Maximum measured earth	RCD oj tij		
Circuit number and line	Rin (me	g final circuits o easured end to e	nly nd)	All circuits (At least one column to be completed)		Line/Line †	Line/Neutral †	Line/Earth †	Neutral/Earth		fault loop impedance, Z <sub>S</sub>	at l∆n	at 51∆n (if applicable)	Test button operation
. <u>.</u>	r₁ (Line)	r <sub>n</sub> (Neutral)	r <sub>2</sub> (cpc)	$R_1 + R_2$	R <sub>2</sub>	(MΩ)	(MΩ)	(MΩ)	(MΩ)	()	(Ω)	(ms)	(ms)	(~)
1	(LINO)	(Noatial)	(ԵРԵ/	1.24	112	(10122)	> 999	> 999	> 999	(•) •	1.35	(113)	(115)	
2				0.08			> 999	> 999	> 999	~	0.20			
*												38	15	~
3	0.35	0.35	0.50	0.21			> 999	> 999	>999	~	0.32			
4				0.10			> 999	> 999	>999	~	0.19			
5				0.98			>999	>999	>999	~	1.07			
6														
7														
8														
9														
10														
*												38	15	~
11	0.65	0.65	1.10	0.44			>999	>999	>999	<	0.54			
12				0.18			>999	>999	>999	٢	0.28			
13				0.10			>999	>999	>999	٢	0.19			
14				0.37			>999	>999	>999	٢	0.47			
15														
16														
17														
*				0.08			>999	>999	>999	<	0.16			

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

TESTED BY

Signature:	Position:	Electrical Tester
Name: (CAPITALS) R GIBBONS	Date of testing:	03/06/2019

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See previous page for Schedule of Circuit <u>Details</u>