IPN3/0438303

## ELECTRICAL INSTALLATION CONDITION REPORT

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

A. DETAILS OF THE CLIENT	
Client: Mr N Mattey	Address: Unit 9 Spitfire Business Park Hawker Road
	Postcode: CRO 4RF
B. PURPOSE OF THE REPORT This report must be used only	for reporting on the condition of an existing installation.
Purpose for which Landlord Test this report is required:	
Date(s) on which inspection and testing were carried out:	
C. DETAILS OF THE INSTALLATION	
Occupier Purefoods Systems	Address Purefoods Systems Unit 9 Spitfire Business Park Hawker Road Postcode: CRO 4RF
CICCLITCAI IIISTAIIALIOII. UOITICSTIC, CONTINENTIAI,	Strial Evidence of alterations If yes, estimated 1 years
	al Installation Certificate No or previous Inspection or Condition Report No:
Records of installation available: No Records held by:	
D. EXTENT OF THE INSTALLATION AND LIMITATIONS ON THE Extent of the electrical installation covered by this report:  All area's  Agreed limitations (including the reasons), if any, on the inspection and testing:  No removal of panels or boards Insulation test Ph/N - Earth only No test on lighting over 2.4m No EM testing (only power off test- if visible) No Fire/Smoke detection tests  Operational limitations including the reasons (see page No. NM )  Unable to power down some circuits for operational reasons  The inspection has been carried out in accordance with BS 7671, as amended. Cables of concealed under floors, in inaccessible roof spaces and generally within the fabric of the	Agreed with: NM
General condition of the installation (in terms of electrical safety):  Metal clad fittings & conduit has been used with singles, twin & earth & FP200 type cannot be provided.  There are many redundant isolators & equipment - all decommissioned Building works o/g	able throughout - much the conduit is not continuous.
Summary of the condition of the installation continued on additional pages?  No  Overall assessment of the installation:  SATISFACTORY / BROKELSTAGETORY / Delete  An 'Unsatisfactory' assessment indicates that dangerous and/or potentially dangerous condition	Yes Specify page No(s):  tte as appropriate)  ns have been identified

This report should have been reviewed and confirmed by the registered Qualified Supervisor of the Approved Contractor responsible for issuing it. (See declaration on page 2)

Page 1 of



	S AND RECOMMENDATIONS FOR ACTIO				
_	ched schedules of inspection and test results, and resely affecting electrical safety.	The following observations and re	ecommendations for	N/A	
I4 NI -		are made		Classification	Further investigation
Item No	Cover missing from MET			code †	required ( Y or ✓) No
2	Many redundant cables & fittings			C3	No
3	Meter tails are different diameters			C3	No
_					
Additional Pages?	No ✓ Yes Specify page	Immediate ren	nadial action		
ohservations made aho	des, as appropriate, has been allocated to each of the ve to indicate to the person(s) responsible for the installati	required for it	ems:		
the degree of urgency i	for remedial action:	Urgent remedi required for it	ial action ems:		
Code C2 "Potential	Present". Risk of injury. Immediate remedial action requir Ily dangerous". Urgent remedial action required.		igation required		
	ment recommended". investigation required without delay".	Improvement			
	for recipient for guidance regarding the Classific	recommended	for items:	1, 2, 3	
G. DECLARATION					
I/We, being the pers are described in pag in this report, inclu installation takin I/We furt	on(s) responsible for the inspection and testing le 1 (see C), having exercised reasonable skill a ding the observations (see F) and the attache g into account the stated extent of t	e installation and the lin	nitations of the i <b>on (see F) at the tim</b> e	r signatures below), part ing, hereby declare that ment of the condition o inspection and testi the inspection was carri I as recommended (see I).	nn (see II) - I
INSPECTION, TESTIN	G AND ASSESSMENT BY:	REPORT REVIEWED AN	ND CONFIRMED BY:		
Signature		Signature	£C		
Name (CAPITALS) KEVIN D	UFFY	Name (CAPITALS) KEVIN	DUFFY		
(GAITTALO)	Supervisior	(GAI ITALS)		for the Approved Contractor a	t J)
Date: 15/07/2		Date: 15/07/	2017		
10,07/2	-	13/07/			



H. SC	HEDUL	ES AND	ADDITI	ONAL PAG	ES				,	dd'a' I	. in about										
Inspecti	on Sched	ule: Page(s)	No 4,5,6							Additional pages ource(s) data s		g additional		Pa	ge No(s)						
Schedul	e of Circu	it Details for	r the Insta	llation: Page N	lo(s)	7,9			8	Schedule of Tes	st Results	for the Inst	allation:	Pa	ge No(s)	8, 10					
The pag	The pages identified are an essential part of this report. The report is valid only if accompanied by all the schedules and additional pages identified above.																				
I. NE)	(T INS	PECTION																			
I/We rec	ommend t	hat this insta	allation is f	urther inspecte	d and test	ed after an	interval of n	ot more th	1 year					r interval in ter s, months or v		opriate)					
any i	tems v	vhich hav as a ma	ve bee	F which n attributed f urgency.	l a co	de C2	(potential	ly dange	erous) o	r require	further	investiga	ition are	remed	ied or	investigate	ed				
J. DE	TAILS	OF NICEI	C APPI	ROVED COI	VTRAC	TOR															
Trading	Title:	londonspa	rks.com																		
Address	<b>:</b> :	Airport Ho Purley Wa									Tele	phone numb	oer: +44	7850 557	7684						
		Croydon Surrey									Ema	il Address:	kevii	n@londons	parks.com						
										NEE		olment numb	11113	5258							
					Р	ostcode:CR	O OXZ			APPROVI	CTOR	ntial information nch number:									
											(if app	Branch number: (if applicable)									
		CHARACT		ICS AND E			ANGEME	NTS								cs of Primary Protective De					
System T	ype(s)	CHARACT	Number a	and Type of Liv		ors				lature of Supply			V	Ov	ercurrent l	Protective De	vice(s)				
System T	ype(s)		Number a	and Type of Liv	e Conducto	ors d.c.	N/A	N V		J(1) 400	V	ters U <sub>0</sub> (1) Notes:	V	BS(EN)	ercurrent I BS 1361		vice(s)				
System T	ype(s)	1-phase (2' wire)	Number a	and Type of Liv		ors		N V f	lominal 'oltage(s): \ lominal requency, f	400 50	V Hz	U <sub>0</sub> (1)		Ov	ercurrent l	Protective De	vice(s)				
System T	ype(s)		Number a	and Type of Liv	e Conducto	ors d.c.	N/A	N V M fi Pros	lominal foltage(s): lominal requency, f spective fa urrent, l <sub>pf</sub> (2	50 (1) 2.14	V Hz kA	U <sub>0</sub> (1)  Notes: (1) by enquiry (2) by enquiry of measurement	or by	BS(EN) Type Rated	BS 1361 2b	Protective De	vice(s)				
System T TN-S TN-C-S	ype(s)	1-phase (2' wire)	a.c.	and Type of Liv	e Conducto	d.c. 2 pole	N/A N/A	N V fi Pros	lominal l'oltage(s): <sup>L</sup> lominal requency, f spective fa urrent, l <sub>pf</sub> (2 arth fault	(1) 400 50 50 2.14 0.19	V Hz kA	U <sub>0</sub> (1)  Notes: (1) by enquiry (2) by enquiry (2) measurement (3) where more one supply, recithe higher or high high high high high high high hig	or by e than ord	BS(EN) Type Rated	BS 1361	Protective De	ovice(s) Domesti				
System T TN-S TN-C-S TN-C	ype(s)  V  N/A	1-phase (2 wire) 2-phase (3 wire)	a.c. N/A N/A	1-phase (3 wire)	e Conducto	d.c. 2 pole 3 pole	N/A N/A	N V Pros c External ea	lominal l'oltage(s): <sup>L</sup> lominal requency, f spective fa urrent, l <sub>pf</sub> (2 arth fault	50 50 2.14 0.19	V Hz kA Ω	U <sub>0</sub> (1)  Notes: (1) by enquiry of the ending of the ending of the end of the	or by e than ord ghest	BS(EN) Type Ratec Sh	BS 1361  2b  I current ort-circuit pacity	Fuse HBC I	Domesti A				
System T TN-S TN-C-S TN-C TT	vype(s)  N/A  N/A  N/A	1-phase (2 wire) 2-phase (3 wire) 3-phase (3 wire) Other	a.c. N/A N/A	1-phase (3 wire)	e Conducto	d.c. 2 pole 3 pole other	N/A N/A	N V Pros c External ea	Jominal oltage(s):  Jominal requency, for spective far urrent, I <sub>pr</sub> (2) arth fault dance, Ze <sup>(3)</sup>	50 50 2.14 0.19	V Hz kA Ω	U <sub>0</sub> (1)  Notes: (1) by enquiry (2) by enquiry (2) where more one supply, recite higher or high values	or by e than ord ghest	BS(EN) Type Ratec Sh	BS 1361  2b  I current ort-circuit pacity ation of	Fuse HBC I	Domesti  A				
TN-C-S TN-C TT IT L. PA	N/A N/A N/A N/A OF Earthing	1-phase (2 wire) 2-phase (3 wire) 3-phase (3 wire) Other	a.c. N/A N/A	1-phase (3 wire) 3-phase (4 wire)	e Conducto	d.c. 2 pole 3 pole other	N/A N/A N/A	N N fr Proc External ea loop impend	lominal (oltage(s). Unimal requency, f spective faurrent, I <sub>pr</sub> (2) arth fault dance, Z <sub>e</sub> (3) Number c sources	50 50 2.14 0.19	V Hz kA Ω	U <sub>0</sub> (1)  Notes: (1) by enquiry (2) by enquiry (2) where more one supply, recite higher or high values	or by e than ord ghest	BS(EN) Type Ratec Sh	BS 1361  2b  I current ort-circuit pacity ation of	Fuse HBC I	Domesti  A				
TN-C-S TN-C TT IT L. PA Means of	N/A N/A N/A N/A RTIGUI of Earthing ributor's facility:	1-phase (2' wire) 2-phase (3' wire) 3-phase (3' wire) Other	Number a a.c.  N/A  N/A  V	1-phase (3 wire) 3-phase (4 wire)  LLATION A	e Conducto	d.c. 2 pole 3 pole other	N/A N/A N/A	N N N N N N N N N N N N N N N N N N N	lominal (oltage(s). Unimal requency, f spective faurrent, I <sub>pr</sub> (2) arth fault dance, Z <sub>e</sub> (3) Number c sources	50 50 2.14 0.19 f 2	V Hz kA Ω	U <sub>0</sub> (1)  Notes: (1) by enquiry (2) by enquiry (2) where more one supply, recite higher or high values	or by e than ord ghest	BS(EN) Type Ratec Sh	BS 1361  2b  I current ort-circuit pacity ation of	Fuse HBC I	Domesti  A				
TN-C-S TN-C TT IT L. PA Means of	N/A N/A N/A N/A OF Earthing	1-phase (2 wire) 2-phase (3 wire) 3-phase (3 wire) Other	Number a.c.  N/A  N/A  INIST A	1-phase (3 wire) 3-phase (4 wire)	e Conducto	d.c. 2 pole 3 pole other  ORIGIN Details of	N/A N/A N/A of Installatio	N N fr Proc External ea loop impend	lominal (oltage(s). Unimal requency, f spective faurrent, I <sub>pr</sub> (2) arth fault dance, Z <sub>e</sub> (3) Number c sources	50 50 2.14 0.19 f 2	V Hz kA Ω	U <sub>0</sub> (1)  Notes: (1) by enquiry (2) by enquiry (2) where more one supply, recite higher or high values	or by e than ord ghest	BS(EN) Type Ratec Sh	BS 1361  2b  I current ort-circuit pacity ation of	Fuse HBC I	Domesti  A				
TN-C-S TN-C TT IT L. PA Means of Dist earth el	N/A N/A N/A N/A RTICUI of Earthing ributor's facility: stallation ectrode:	1-phase (2 wire) 2-phase (3 wire) 3-phase (3 wire) Other	Number a.c.  N/A  N/A  INSTA  (eg rod(	1-phase (3 wire)  3-phase (4 wire)  Type: s),tape(s))  Electrode	N/A N/A	d.c. 2 pole 3 pole other  ORIGIN Details of	N/A N/A N/A of Installatio	N N f Proc c External ea loop impend	lominal oltage(s): L lominal requency, f spective fa urrent, l <sub>pr</sub> /2 orth fault dance, Ze(3) Number of sources	50 (1) 2.14 (3) 0.19 (4) 2 (2) (4) (7) (7) (7) (7) (7) (7) (7) (7) (7) (7	V Hz kA Ω	U <sub>0</sub> (11)  Notes: (1) by enquiry (2) by enquiry measurement (3) where mon supply, rec the higher or hig values (4) by measure	or by e than ord uphest	BS(EN) Type Rated Sh ca Confirm Supply	BS 1361 2b d current ort-circuit pacity ation of polarity	Fuse HBC I	Domesti  A  kA				
TN-C-S TN-C TT IT L. PA Means of Dist earth el	N/A N/A N/A N/A RTICUI of Earthing ributor's facility: stallation ectrode:	1-phase (2 wire) 2-phase (3 wire) 3-phase (3 wire) Other	Number a.c.  N/A  N/A  INSTA  (eg rod(	1-phase (3 wire)  3-phase (4 wire)  LLATION A  Type: s),tape(s)) Electrode tance, R <sub>A</sub> :	N/A N/A	d.c. 2 pole 3 pole other  ORIGIN Details of	N/A N/A N/A of Installatio	Pro: C External ea loop impend n Earth Elec Location: Vector of Surement:	lominal oltage(s): L lominal requency, f spective fa urrent, l <sub>pr</sub> /2 orth fault dance, Ze(3) Number of sources	(1) 400 50 (1) 50 ult 2.14 0.19 ore applicable)	V Hz kA Ω	U <sub>0</sub> (11)  Notes: (1) by enquiry (2) by enquiry measurement (3) where mon supply, rec the higher or hig values (4) by measure	or by e than ord uphest	BS(EN) Type Ratec Sh ca Confirm supply	BS 1361 2b d current ort-circuit pacity ation of polarity	Fuse HBC I	Domesti  A  kA  -parts (~)				
TN-S TN-C-S TN-C TT IT L. PA Means of Dist	N/A N/A N/A N/A RTICUI of Earthing ributor's facility: stallation ectrode:	1-phase (2 wire) 2-phase (3 wire) 3-phase (3 wire) Other	Number a.c.  N/A  N/A  N/A  (eg rod( resis use/Circui	1-phase (3 wire)  3-phase (4 wire)  Type: s),tape(s))  Electrode tance, R <sub>A</sub> : t-Breaker/RCD	N/A N/A T THE	d.c. 2 pole 3 pole other  ORIGIN Details o	N/A N/A N/A Installatio	Pro: C External ex loop impend n Earth Elec Location: Wethod of Surement:	lominal oltage(s): L lominal requency, f spective fa urrent, l <sub>pr</sub> /2 orth fault dance, Ze(3) Number of sources	(1) 400 50 ult 2.14 (3) 0.19 if 2  re applicable)  Eart Main protectiv Conductor	V Hz kA Ω	U <sub>0</sub> (11)  Notes: (1) by enquiry (2) by enquiry measurement (3) where mon supply, rec the higher or hig values (4) by measure	or by e than ord uphest ement  ve bondin  Wat	BS(EN) Type Ratec Sh ca Confirm supply	BS 1361 2b I current ort-circuit pacity ation of polarity	Fuse HBC I  100  × (	Domesti  A  kA  Parts (*)				
TN-C-S TN-C TT IT L. PA Means of Dist earth el Type: BS(EN) No of Poles	N/A N/A N/A N/A RTICUI of Earthing rightor's facility stallation ectrode: Main Swit	1-phase (2 wire) 2-phase (3 wire) 3-phase (3 wire) Other  LARS OF N/A ch/Switch-Fi 60439-3	Number a.c.  N/A  N/A  N/A  (eg rod(  resis  use/Circui	1-phase (3 wire)  3-phase (4 wire)  Type: s),tape(s)) Electrode tance, R <sub>A</sub> : t-Breaker/RCD  Voltage rating Rated	N/A N/A TTHE	d.c. 2 pole 3 pole other  ORIGIN Details o	N/A N/A N/A N/A Installatio  Earthii Conductor material Conductor coat	N N N N N N N N N N N N N N N N N N N	lominal oltage(s): Ulominal requency, f spective faurrent, I <sub>pr</sub> /2 orth fault dance, Z <sub>e</sub> (3)  Number of sources	(1) 400 50 (1) 50 (1) 2.14 (3) 0.19 (4) 2 (7) applicable)  Eart Main protectic Conductor material Conductor csa Connection/continuity	V Hz kA Ω thing and the bonding Copper	U <sub>0</sub> (1)  Notes: (1) by enquiry (2) by enquiry (2) by enquiry (3) where more one supply, rec the higher or high values (4) by measure  d protecti conductors	ve bondin  Wat servi  Lightnip protection	BS(EN) Type Ratec Sh ca Confirm supply  g conduct Bonding er cc N/A	BS 1361 2b I current ort-circuit pacity ation of polarity	Fuse HBC I  100  x  (a)  us-conductive  Gas Service	Domesti  A  kA  parts (~)				
TN-C-S TN-C TT IT L. PA Means of Earth el Type: BS(EN) No of	N/A N/A N/A N/A RTICUI of Earthing rightor's facility tallation ectrode: Main Swit	1-phase (2 wire) 2-phase (3 wire) 3-phase (3 wire) Other  LARS OF N/A ch/Switch-Fr 60439-3	Number a a.c. N/A N/A N/A  INIST A  (eg rod(     resis use/Circui	1-phase (3 wire)  3-phase (4 wire)  Type: s),tape(s))  Electrode tance, R <sub>A</sub> : t-Breaker/RCD  Voltage rating Rated current,I <sub>n</sub>	N/A N/A TTHE	d.c. 2 pole 3 pole other  ORIGIN Details of	N/A N/A N/A N/A Installatio  Earthii Conductor material Conductor csa Connection/	n Earth Elec Location: Wethod of surement: Copper 16	lominal coltage(s): Lominal requency, f spective faurrent, I <sub>pr</sub> (2) arth fault dance, Ze(3)  Number of sources  trode (when mm²	101) 400 101) 50 101 2.14 10.19 101 2 101 Eart  Main protectic  Conductor material  Conductor csa  Connection/	V Hz kA Ω thing and the bonding Copper 10	U <sub>0</sub> (1)  Notes: (1) by enquiry (2) by enquiry measurement (3) where more supply, rec the higher or hig values (4) by measure  d protecti conductors	or by e than ord othest ement  ve bondin  Wat servi	BS(EN) Type Ratec Sh ca Confirm supply  g conduct Bonding er cc N/A	BS 1361 2b I current ort-circuit pacity ation of polarity	Fuse HBC I  100  **  **  **  **  **  **  **  **  *	Domesti  A  kA  parts (~)				

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



INSPE	CTION SCHEDULE FOR DISTRIBUTION BOARDS AND CIRCUITS †		
ltem	Description	Outcome *	Location reference
ittiii	υσονιμισι	Outcome	Location reference
1.0 Cond	tion/adequacy of distributor's/supply intake equipment		
1.1	Service cable	<b>→</b>	
1.2	Service cut-out/fuse(s)	~	
1.3	Meter tails - distributor	<b>✓</b>	
1.4	Meter tails - consumer	•	
1.5	Metering equipment	<b>✓</b>	
1.6	Means of main isolation (where present)	•	
2.0	Presence of adequate arrangements for parallel or switched alternative sources		
	Troubled of adequate arrangements for parameter distributions are matter additional and a second and a second arrangement are a second and a second arrangement are a second and a second arrangement are a second arrangemen		
3.0	Automatic disconnection of supply		
2.1 846:-	porthing and handing arrangements		
3. I IVIAIN	earthing and bonding arrangements		
	Presence and condition of distributor's earthing arrangement	· ·	
	Presence and condition of earth electrode arrangement	· ·	
	Adequacy of earthing conductor size	•	
	Adequacy of earthing conductor connections	•	
-	Accessibility of earthing conductor connections	~	
-	Adequacy of main protective bonding conductor size(s)	<u> </u>	
-	Adequacy of main protective bonding conductor connections	~	
-	Accessibility of main protective bonding connections	<b>~</b>	
-	Provision of earthing/bonding labels at all appropriate locations	<b>~</b>	
3.2 FELV			
<u> </u>	Source providing at least simple separation		
	Plugs, socket-outlets and the like not interchangeable with those of other systems within the premises		
-			
3.3 Redu	ed low voltage		
	Adequacy of source		
	Plugs, socket-outlets and the like not interchangeable with those of other systems within the premises		
4 O Othou	mothede of avetestica (unless the methode of avetestica listed below are applicad details should be avenided as converte about.)		
	methods of protection (where the methods of protection listed below are employed,details should be provided on separate sheets)		
4.1	Double insulation		
4.2	Reinforced insulation		
4.3	Use of obstacles		
4.4	Placing out of reach		
4.5	Non-conducting location		
4.6	Earth-free local equipotential bonding		
4.7	Electrical separation for more than one item of equipment		
5.0 Distri	bution equipment		
5.1	Adequacy of working space/accessibility of equipment		
5.2	Security of fixing	~	
5.3	Condition of insulation of live parts		
5.4	Adequacy/security of barriers		
5.5	Condition of enclosure(s) in terms of IP rating		
5.6	Condition of enclosure(s) in terms of fire rating		
5.7	Enclosure not damaged/deteriorated so as to impair safety		
5.8	Presence of main switch(es), linked where required	~	
5.9	Operation of main switch(es) (functional check)	•	
5.10	Correct identification of circuit protective devices		
5.11	Adequacy of protective devices for prospective fault current		
5.12	RCD(s) provided for fault protection - includes RCBOs	~	

\* All Boxes must be completed indicates Acceptable condition 'LIM' indicates a limitation 'N/A' indicates Not applicable

Unacceptable conditionstate C1 or C2 Improvement recommended state C3 Further investigation required tate F/I (to determine whether danger or potential (danger exists)

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

	Description	Outcome *	Location reference
<b>em</b> .13	Description  RCD(s) provided for additional protection - includes RCBOs	Outcome *	Location reference
	RCD(s) provided for protection against fire - includes RCBOs		
ļ	Manual operation of circuit-breakers and RCDs to prove disconnection		
5 6	Presence of RCD retest notice at or near equipment where required		
7	Presence of diagrams, charts or schedules at or near equipment where required	C3	
, 3	Presence of non-standard (mixed) cable colour warning notice at or near equipment where required	C3	
9	Presence of alternative supply arrangement warning notice(s) at or near equipment where required		
)	Presence of replacement next inspection recommendation label		
21	Presence of other required labelling (specify)		
2	Examination of protective device(s) and base(s); correct type and rating (no signs of unacceptable thermal damage, arcing or overheating)		
3	Protection against mechanical damage where cables enter equipment		
4	Protection against electromagnetic effects where cables enter metallic enclosures		
listr	bution final circuits		
	Identification of conductors	<b>~</b>	
!	Cables correctly supported throughout their length		
	Condition of insulation of live parts	V	
	Non-sheathed cables protected by enclosure in conduit, duct or trunking		
	Suitability of containment systems for continued use (including flexible conduit)		
	Cables correctly terminated in enclosures (indicate extent of sampling in Section D of report)		
	Examination of cables for signs of unacceptable thermal and mechanical damage/deterioration		
	Adequacy of cables for current-carrying capacity with regard to the type and nature of installation		
	Adequacy of protective devices; type and rated current for fault protection		
)	Presence and adequacy of circuit protective conductors		
1	Co-ordination between conductors and overload protective devices		
2	Cable installation methods/practices appropriate to the type and nature of installation and external influences		
3	Cables where exposed to direct sunlight, of a suitable type		
1	Concealed cables installed in prescribed zones (see extent and limitations)		
	Concealed cables incorporating earthed armour or sheath, or run within earthed wiring system,or otherwise protected against mechanical damage caused by nails, screws and the like where not in prescribed zones or not protected by 30 mA RCD (see extent and limitations)		
6	Provision of additional protection by 30 mA RCD for cables concealed in walls or partitions		
7	Provision of additional protection by 30 mA RCD		
	Where reasonably likely to be used to supply mobile equipment for use outdoors		
	For all socket-outlets of rating 20 A or less provided for use by ordinary persons		
8	Provision of fire barriers, sealing arrangements and protection against thermal effects	LIM	
9	Band II cables segregated/separated from Band I cables	LIM	
0	Cables segregated/separated from non-electrical services		
	Termination of cables at enclosures (identify numbers and locations of items inspected in Section D)		
	Connections under no undue strain		
	No basic insulation of a conductor visible outside an enclosure		
	Connections of live conductors adequately enclosed		
	Adequacy of connection at point of entry to enclosure (gland, bush or similar)		
2	General condition of wiring systems		
3	Temperature rating of cable insulation		
4	Condition of accessories including socket-outlets, switches and joint boxes		
	Suitability of accessories for external influences		

\* All Boxes must be completed

indicatesAcceptable condition 'LIM' indicates alimitation 'N/A' indicates Not applicable

Unacceptable condition state C1 or C2 Improvement recommended state C3 Further investigation required state F/I (to determine whether danger or potential (danger exists)

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



* acceptable locatic  * capable of being s  * correct operation  * clearly identified l  * Warning label post  * presence and cond  * acceptable locatic  * capable of being s  * presence and cond  * capable of being s  * correct operation  * clearly identified l  * presence and cond  * readily accessible  * correct operation  * clearly identified l  * creatly accessible  * correct operation  * clearly identified l  * correct operation  * condition of equip  * correct operation  * correct operation  * correct operation  * condition of of equip  * correct type of late  * installed to minimity  * no signs of overhete  * no		0.4 *	1
* presence and cont     * acceptable location     * capable of being s     * correct operation     * clearly identified l     * Warning label post  * presence and cont     * acceptable location     * presence and cont     * acceptable location     * capable of being s     * correct operation     * clearly identified l     * capable of being s     * correct operation     * clearly identified l     * presence and cont     * readily accessible     * correct operation     * clearly identified l     * presence and cont     * capable of being s     * correct operation     * clearly identified l     * correct operation     * correct operation     * clearly identified l     * correct operation     * presence and cond     * correct operation     * presence and cond     * correct operation     * presence and cond     * correct operation     * c	rescription	Outcome *	Location reference
* presence and cont     * acceptable location     * capable of being s     * correct operation     * clearly identified l     * Warning label post  2 Switching off for mechani     * presence and cont     * acceptable location     * clearly identified l     * correct operation     * clearly identified l     * presence and cont     * capable of being s     * correct operation     * clearly identified l     * presence and cont     * readily accessible     * correct operation     * clearly identified l     * correct operation     * presence and cond     * correct operation     * presence and cond     * correct operation     * presence and cond     * correct operation     * presence and cond     * correct operation     * correct operati	and switching		
* acceptable locatic * capable of being s * correct operation * clearly identified l * Warning label post  2. Switching off for mechani * presence and cond * acceptable locatic * capable of being s * correct operation * clearly identified l  3. Emergency switching/stop * presence and cond * readily accessible * correct operation * clearly identified l  4. Functional switching * presence and cond * correct operation  2. Capable of being s * correct operation * clearly identified l  4. Functional switching  * presence and cond * correct operation  1. Condition of equip 2. Equipment does not a correct operation  3. Enclosure not dam 4. Suitability for the 5. Security of fixing 6. Cable entry holes  7. Recessed luminaires (e.g. of a correct type of late installed to minimity * no signs of overhete * New Yorkset so * O'Correct operation * Clearly identified l		_	
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* presence and cont     * acceptable location     * capable of being s     * correct operation     * clearly identified location     * clearly identified location     * presence and cond     * readily accessible     * correct operation     * clearly identified location     * clearly identified location     * correct operation     * presence and cond     * correct operation     * correct operation     * correct operation     * correct operation  O Current-using equipment (location)     * correct operation     * correct operation  Condition of equip     * Equipment does not a correct operation     * Security of fixing     * Cable entry holes     * correct type of late installed to minimity and signs of overhele in osigns of overhele in osigns of overhele     * no signs of overhele     * no signs of overhele     * Mere used as a pit of the correct of supple signs of su	g off for mechanical maintenance		
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* correct operation  * clearly identified    * presence and cond  * readily accessible  * correct operation  * clearly identified    4 Functional switching  * presence and cond  * correct operation  * correct operation  O Current-using equipment (  1 Condition of equip  2 Equipment does not a condition of equip  2 Equipment does not a condition of equip  5 Security of fixing  6 Cable entry holes  7 Recessed luminaires (e.g. of a correct type of late installed to miniminate in osigns of overheatings overheatings of overheatings overheatings of overheati	apable of being secured in the OFF position		
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Condition of equip Equipment does not Suitability for the Security of fixing Cable entry holes Cable entry holes  Recessed luminaires (e.g. of sinstalled to minimi no signs of overhe no signs of overhe Additional protect Where used as a pi Shaver sockets co A Presence of supple Low voltage (e.g. of			
2 Equipment does not 3 Enclosure not dam 4 Suitability for the 5 Security of fixing 6 Cable entry holes 7 Recessed luminaires (e.g. decended to minimist) 1 no signs of overhe 1 no signs of overhe 2 no signs of overhe 3 Additional protect 9 Where used as a picture of supple 1.1 Advanced to supple 1.2 Where used as a picture of supple 1.3 Shaver sockets co 1.4 Presence of supple 1.5 Low voltage (e.g.	using equipment (permanently connected)		
3 Enclosure not dam 4 Suitability for the 5 Security of fixing 6 Cable entry holes 7 Recessed luminaires (e.g. d * correct type of lat * installed to minimi * no signs of overhe * no signs of overhe  0 Location(s) containing a b 1 Additional protect 2 Where used as a pi 3 Shaver sockets co 4 Presence of supple	Condition of equipment in terms of IP rating		
4 Suitability for the 5 Security of fixing 6 Cable entry holes 7 Recessed luminaires (e.g. of the installed to minimize and installed to minimize an	quipment does not constitute a fire hazard		
5 Security of fixing 6 Cable entry holes 7 Recessed luminaires (e.g. of the correct type of late installed to miniminate in signs of overheore in the correct in the correc	inclosure not damaged/deteriorated so as to impair safety		
.7 Recessed luminaires (e.g. of the correct type of late installed to miniminate in the correct type of late installed to miniminate in the correct installed to miniminate in the correct installed to miniminate in the correct installed in the cor	Auitability for the environment and external influences		
.7 Recessed luminaires (e.g. to recet type of late installed to minimit no signs of overhete no signs of overhete no signs overhete			
* correct type of lat * installed to minimi * no signs of overhe * no signs of overhe  * no signs of overhe  O Location(s) containing a b  Additional protect Where used as a pi  Shaver sockets co  Presence of supple  Low voltage (e.g.	Cable entry holes in ceiling above luminaires, sized or sealed so as to restrict the spread of fire (indicate extent of sampling in Section D of report	1)	
* installed to minimi * no signs of overhe * no signs of overhe  * no signs of overhe  * no signs of overhe  Description of overhe  Additional protect  Where used as a property of supple  Shaver sockets co  Presence of supple  Low voltage (e.g.	l luminaires (e.g. downlighters)		
* no signs of overhe  * no signs of overhe  * no signs of overhe  O Location(s) containing a b  Additional protect  Where used as a property of the second of supple  Presence of supple  Low voltage (e.g.	orrect type of lamps fitted		
* no signs of overhe  O Location(s) containing a b  Additional protect  Where used as a property of the second supple  Presence of supple  Low voltage (e.g.	nstalled to minimise build-up of heat by use of fire rated fittings,insulation displacement box or similar		
O Location(s) containing a b  Additional protect  Where used as a property of the second of the seco	o signs of overheating to surrounding building fabric		
.1 Additional protect .2 Where used as a pr .3 Shaver sockets co .4 Presence of supple .5 Low voltage (e.g.	o signs of overheating to conductors/terminations		
1 Additional protect 2 Where used as a pi 3 Shaver sockets co 4 Presence of supple 5 Low voltage (e.g.	(a) containing a both as about a		
Where used as a pi Shaver sockets co Presence of supple Low voltage (e.g.	· · ·		
3 Shaver sockets co 4 Presence of supple 5 Low voltage (e.g.	Additional protection for all low voltage (LV) circuits by RCD not exceeding 30 mA		
4 Presence of supple 5 Low voltage (e.g. 2	Where used as a protective measure, requirements for SELV or PELV are met Shaver sockets comply with BS EN 61558-2-5 or BS 3535		
5 Low voltage (e.g. :	resence of supplementary bonding conductors unless not required by BS 7671: 2008		
	ow voltage (e.g. 230 volts) socket-outlets sited at least 3 m from zone 1		
	our voltage (e.g. 250 volts) socket-outlets sited at least 3 in 11 on 2016 1  outliby of equipment for external influences for installed location in terms of IP rating		
, ,	Autability of equipment for installation in a particular zone		
, ,	outability of current-using equipment for a particular position within the location		
- Contability of Curre			
0.0 Other special installation	nacial installations or locations		
List special location	poolini matemationa or robuttona		

\* All Boxes must be completed

indicatesAcceptable condition 'LIM' indicates alimitation 'N/A' indicates **Not applicable** 

Unacceptable condition state C1 or C2 Improvement recommended state C3 Further investigation required state F/I (to determine whether danger or potential (danger exists)

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

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### **SCHEDULE OF CIRCUIT DETAILS** FOR THE PRIMARY DISTRIBUTION BOARD

			CIRCUIT DETAILS						
TO BE COM	MPLETED IN EVERY CASE	TO BE COMPLETE	ED ONLY IF THE DISTRIBUTION E	BOARD IS NOT CONNEC	TED DIRECTLY	TO THE (	ORIGIN OF THE	E INSTALLATION	*
Location of distribution board:	Various	Supply to distribution board is from:			Ass RCD (if any): E	No of phases:	3	Nominal voltage:	V
Distribution board designation:	DB1, 2 & 3	Overcurrent protective de Type: BS(EN)	evice for the distribution circuit:	Rating:	A (If any): E	RCD No of poles:		l∆n	mA

	Circuit designation				Cir	cuit tors: csa		Overcurrent p	rotectiv	e devices		RCD	BS 7671
Circuit number and phase		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 No	(V) Rating	Short-circuit Capacity	© Operating (Y current, I∆n	(3) Maximum Zs (2) permitted by BS
DB1	Ground Floor Cupboard												
1	Ring Final	Α	11	Lim	2.5	1.5	0.4	60898 MCB	С	32	10		0.60
2	Ring Final	Α	11	Lim	2.5	1.5	0.4	61009 RCD/RCB0	В	32	10	30	1.2
3	Fire alarm system	Α	11	Lim	1.5	1	0.4	60898 MCB	С	16	10		1.2
4	Ring Final	Α	11	Lim	2.5	1.5	0.4	60898 MCB	С	32	10		0.60
5	Boiler	Α	11	Lim	2.5	1.5	0.4	60898 MCB	C	16	10		1.2
6	Lights (ext)	Α	11	Lim	1.5	1	0.4	60898 MCB	C	10	10		1.2
7	Lights	Α	11	Lim	1.5	1	0.4	60898 MCB	С	10	10		1.2
8	Lights (stairs/lobby)	Α	11	Lim	1.5	1	0.4	60898 MCB	C	10	10		1.2
9	Commando s/o	F	11	Lim	10	10	0.4	60898 MCB	D	20	10		1.09
10	Roller Shutter	F	11	Lim	10	10	0.4	60898 MCB	С	16	10		1.37
11	Roller Shutter	F	11	Lim	10	10	0.4	60898 MCB	C	16	10		1.37
12	Roller Shutter	F	11	Lim	10	10	0.4	60898 MCB	C	16	10		1.37
13	TP&N Commando socket	F	11	Lim	10	10	0.4	60898 MCB	С	40	10		0.55
14	TP&N Commando socket	F	11	Lim	10	10	0.4	60898 MCB	С	40	10		0.55
15	TP&N Commando socket	F	11	Lim	10	10	0.4	60898 MCB	С	40	10		0.55
16	Ring final	0	11	Lim	2.5	1.5	0.4	60898 MCB	С	16	10		1.2
17	TBC	0		Lim	2.5	1.5	0.4	60898 MCB	С	16	10		1.37
18	Spare							60898 MCB	C	10	10		1.2
19	New Solar PV System	F	11	1	16	16	0.4	60898 MCB	С	16	10		1.37
20	New Solar PV System	F	11	1	16	16	0.4	60898 MCB	С	16	10		1.37
21	New Solar PV System	F	11	1	16	16	0.4	60898 MCB	С	10	10		2.19
22	Old Solar PV (sy Cable)	0	11	1	2.5	2.5	0.4	60898 MCB	С	10	10		2.19
23	Old Solar PV (sy Cable)	0	11	1	2.5	2.5	0.4	60898 MCB	С	10	10		2.19
24	Old Solar PV (sy Cable)	0	11	1	2.5	2.5	0.4	60898 MCB	С	10	10		2.19
DB2	Ground Floor Cupboard												
1	Lights	0	11	Lim	1.5	1	0	61009 RCD/RCB0	В	6	10	30	7.28
2	Lights	0	11	Lim	1.5	1	0	61009 RCD/RCB0	В	6	10	30	7.28
3	Lights	0	11	Lim	1.5	1	0	61009 RCD/RCB0	В	6	10	30	7.28

<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.

† See Table 4A2 of Appendix 4 of BS 7671

				CODE	S FOR TYPE OF W	IRING		
A	В	С	D	E	F	G	Н	O (Other - please state)
Thermoplastic insulated/ sheathed cables	Thermoplastic cables in metallic conduit	Thermoplastic cables in non metallic conduit	Thermoplastic cables in metallic trunking	Thermoplastic cables in non metallic trunking	Thermoplastic/ SWA cables	Thermosetting/ SWA cables	Mineral- insulated cables	

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# SCHEDULE OF TEST RESULTS FOR THE PRIMARY DISTRIBUTION BOARD

					TEST R	ESULTS			
TO BE COM		IF THE DISTRIBUTION BOA O THE ORIGIN OF THE INS		NNECTED			Test instruments (serial	numbers)	used:
	Charac	teristics at this distribu	tion board						
	Confir	mation of supply polari	ty		Earth fault loop impedance	16103359		RCD	
* See note helow Zs *0.10	Ω	Operating times of associated	At I∆n	ms	Insulation resistance			Multi function	
I <sub>pf</sub> <sub>*</sub> 2.14	kA	RCD (if any)	At 5I∆n	ms	Continuity			Other	
					Continuity			5 (01	

er		Ci	rcuit impeda (Ω)	nces			Insulation r	resistance		Polarity	Maximum measured earth fault loop impedance, Z <sub>S</sub>	RCD o	perating nes	
Circuit number and phase	Rin (me	g final circuits easured end to	only end)	All c (At least to be co	ircuits one column ompleted)	Line/Line †	Line/Neutral †	Line/Earth †	Neutral/Earth	1	impedance, Z <sub>S</sub> *See note below	at l∆n	at 5l∆n (if applicable)	Test button operation
<u>;</u> 5 "	r₁ (Line)	r <sub>n</sub> (Neutral)	r <sub>2</sub> (cpc)	R <sub>1</sub> + R <sub>2</sub>	R <sub>2</sub>	(MΩ)	(ΜΩ)	(MΩ)	(ΜΩ)	(~)	$(\Omega)$	(ms)	(ms)	(4)
DB1			(apa)										, ,,	
1	0.25	0.26	0.49	0.25						,	0.34			
2										<b>,</b>	0.25	19		~
3				0.26						<b>\</b>	0.29			
4										<b>\</b>				
5				0.26						•	0.27			
6										~				
7										•				
8										~				
9										•				
10				0.10						~	0.20			
11				0.10						~	0.20			
12				0.10						•	0.20			
13										~				
14										~				
15										~				
16										~				
17										~				
18														
19										~				
20										~				
21										~				
22										•				
23										~				
24										•				
DB2														
1				0.39			> 200	> 200		~		29	19	~
2				0.48			> 200	> 200		~		29	19	~
3							> 200	> 200		~		18	19	~

<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

1E21ED B1			
Signature:	THE	Position:	Qualified Supervisior
Name: (CAPITALS)	KEVIN DUFFY	Date of testing:	15/07/2017

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# SCHEDULE OF CIRCUIT DETAILS FOR THE PRIMARY DISTRIBUTION BOARD

CIRCUIT DETAILS									
TO BE CON	MPLETED IN EVERY CASE	TO BE COMPLETE	D ONLY IF THE DISTRIBUTION E	BOARD IS NOT CONNE	CTED DIRECTLY	TO THE C	RIGIN OF TH	E INSTALLATION*	
Location of distribution board:	Various	Supply to distribution board is from:			Ass RCD (if any): I	No of phases:	3	Nominal voltage:	V
Distribution board designation:	DB1, 2 & 3	Overcurrent protective de Type: BS(EN)	evice for the distribution circuit:	Rating:	RCD (if any): I	BS(EN) RCD No of poles:		l∆n	mA

Circuit designation	0 1.37
5         Ring final         0         11         Lim         2.5         1.5         0         61009 RCD/RCB0         B         32         10         30           6         Ring final         0         11         Lim         2.5         1.5         0         61009 RCD/RCB0         B         32         10         30           7-13         Spare	0 1.37
6 Ring final 0 11 Lim 2.5 1.5 0 61009 RCDIRCBO B 32 10 30 7.13 Spare	
7.13 Spare  DB3 1st Floor corridor (high level)  Ring Final	0 1.37
DB3   1st Floor corridor (high level)	
1         Ring Final         0         A         5         2.5         1.5         0.4         60898 MCB         B         32         6         30           2         Ring Final         0         A         6         2.5         1.5         0.4         60898 MCB         B         32         6         30           3         Dado sockets (accts/office)         0         A         10         2.5         1.5         0.4         60898 MCB         B         20         6         30           4         Spare         A	
2         Ring Final         0         A         6         2.5         1.5         0.4         60898 MCB         B         32         6         30           3         Dado sockets (accts/office)         0         A         10         2.5         1.5         0.4         60898 MCB         B         20         6         30           4         Spare         A	
3 Dado sockets (accts/office) 0 A 10 2.5 1.5 0.4 60898 MCB B 20 6 30 4 Spare A	0 1.37
4 Spare A	0 1.37
5         EM lights         0         A         7         1.5         1         60898 MCB         B         6         6         30           6         Spare         A         Lim         0.4         60898 MCB         B         32         6         30           7         A/C - sy cable         0         A         1         1.5         1.5         0.4         60898 MCB         B         32         6         30           8         Lights (kitchen/store)         0         A         3         1.5         1         0.4         60898 MCB         B         20         6         30           9         Lights (office)         )         A         1         1.5         1         0.4         60898 MCB         B         6         6         30           10         Spare         0         A         1         1.5         1         0.4         60898 MCB         B         6         6         30	0 2.19
6 Spare A Lim 0.4 60898 MCB B 32 6 30 7 A/C - sy cable 0 A 1 1.5 1.5 0.4 60898 MCB B 32 6 30 8 1.5 1 0.4 60898 MCB B 32 6 30 9 Lights (kitchen/store) 0 A 3 1.5 1 0.4 60898 MCB B 20 6 30 9 Lights (office) 1 A 1 1.5 1 0.4 60898 MCB B 6 6 30 10 Spare 60898 MCB B 10 6 30 10 Spare	7.28
7 A/C - sy cable 0 A 1 1.5 1.5 0.4 60898 MCB B 32 6 30 8 Lights (kitchen/store) 0 A 3 1.5 1 0.4 60898 MCB B 20 6 30 9 Lights (office) ) A 1 1.5 1 0.4 60898 MCB B 6 6 30 10 Spare 60898 MCB B 10 6 30	7.28
8 Lights (kitchen/store) 0 A 3 1.5 1 0.4 60898 MCB B 20 6 30 9 Lights (office) ) A 1 1.5 1 0.4 60898 MCB B 6 6 30 10 Spare 60898 MCB B 10 6 30	0 1.37
9 Lights (office) ) A 1 1.5 1 0.4 60898 MCB B 6 6 30 10 Spare 60898 MCB B 10 6 30	0 1.37
10 Spare 60898 MCB B 10 6 30	0 2.19
	7.28
1.5	0 4.37
1.5	
1.5	
1.5	

<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.

† See Table 4A2 of Appendix 4 of BS 7671

				CODE	S FOR TYPE OF W	IRING		
A	В	С	D	E	F	G	Н	O (Other - please state)
Thermoplastic insulated/ sheathed cables	Thermoplastic cables in metallic conduit	Thermoplastic cables in non metallic conduit	Thermoplastic cables in metallic trunking	Thermoplastic cables in non metallic trunking	Thermoplastic/ SWA cables	Thermosetting/ SWA cables	Mineral- insulated cables	

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# SCHEDULE OF TEST RESULTS FOR THE PRIMARY DISTRIBUTION BOARD

TEST RESULTS											
		IF THE DISTRIBUTION BOA O THE ORIGIN OF THE INS		NNECTED	Test instruments (serial numbers) used:						
Characteristics at this distribution board											
	Confirmation of supply polarity					16103359	RCD				
* See note helow Zs *0.10	Ω	Operating times of associated	At I∆n	ms	Insulation resistance		Multi functi	ion			
I <sub>pf</sub> <sub>*</sub> 2.14	kA	RCD (if any) At 5l∆n		ms	Continuity		Other	UII			

er		C	ircuit impeda (Ω)	nces		Insulation resistance				Polarity	Maximum measured earth fault loop impedance, Z <sub>S</sub>	RCD operating times		
Circuit number and phase	Rin (me	g final circuits easured end to	only end)	(At least	ircuits one column ompleted)	Line/Line †	Line/Neutral †	Line/Earth †	Neutral/Earth	1	impedance, Z <sub>S</sub> *See note below	at l∆n	at 5l∆n (if applicable)	Test button operation
Cir	r₁ (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)	(ms)	(J)
4										,				-
5										,				
6										~				~
7-13														
DB3														~
1	0.29	0.28	0.47	0.26						<b>\</b>	0.28	17	11	~
2										>		17	11	~
3				0.24						•	0.25	17	11	
4												17	11	
5				0.56						•	0.58	17	11	
6										•		17	11	•
7				Lim						•	Lim	17	11	~
8										•		17	11	•
9										•		17	11	~
10											V	17	11	~

<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

I EQ I ED B I			
Signature:	XC	Position:	Qualified Supervisior
Name: (CAPITALS)	KEVIN DUFFY	Date of testing:	15/07/2017

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