IPN3/0460652

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:	9 Holmethorpe Avenue Redhill Surrey			
					Postcode: RH1 2NB
B. PURPOSE OF THE REPORT This report must be used only fo	r reporting o	n the condition of an existin	ng install	lation.	
Purpose for which 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 9 Holmethorpe Avenue Redhill Surrey		Postcode: RH1 2I	NB
Estimated age of the electrical installation: 21 years Description of premises: domestic, commercial, industrial, other	ercial	Evidence of alterations or additions	~	If yes, estimated age	1 years
Date of previous (Please state) Electrical li	nstallation Cert spection or Con	ificate No or previous dition Report No:		·	
Records of installation available: No Records held by:					
D. EXTENT OF THE INSTALLATION AND LIMITATIONS ON THE	INSPECTION	ON AND TESTING			
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	Agreed wit	h: Owner			
	3				
Operational limitations including the reasons (see page No.					
The inspection has been carried out in accordance with BS 7671, as amended. Cables conconcealed under floors, in inaccessible roof spaces and generally within the fabric of the bu				s	
E. SUMMARY OF THE CONDITION OF THE INSTALLATION					
General condition of the installation (in terms of electrical safety):					
Metal clad fittings & conduit has been used with singles, twin & earth & FP200 type cabl Rcd protection has been provided. There are many redundant isolators & equipment - all decommissioned Building works o/g	le throughout - r	nuch the conduit is not continuou	IS.		
Summary of the condition of the installation continued on additional pages?	Yes	Specify page No(s	s):		
Overall assessment of the installation: SATISFACTORY CHOSATISFACTORY Chosatisfactory	s appropriate)				

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



F. OBSERVATIONS AND RECOMMENDATIONS FOR ACTIONS TO BE TAKEN										
	ached schedules of inspection and test results, and subject versely affecting electrical safety. or The		or N/A							
There are no items au		e following observations and recommendations for made		Foodbas investigation						
Item No			Classification code †	Further investigation required (Y or ✓)						
1	Waning notices or labels		C3	No						
2	Many redundant cables - removed		C3							
3	No circuit charts provided		C3							
4	Solar PV not in use - not considered		Note							
_										
Additional Pages?	No Yes Specify page									
†One of the following	codes, as appropriate, has been allocated to each of the	Immediate remedial action required for items:								
observations made a the degree of urgenc	bove to indicate to the person(s) responsible for the installation v for remedial action:	Urgent remedial action								
	Present". Risk of injury. Immediate remedial action required.	required for items:	4							
	ally dangerous". Urgent remedial action required. ement recommended".	Further investigation require without delay for items:	u .							
•	rinvestigation required without delay".	Improvement recommended for items:	1, 2, 3							
Please see the note	s for recipient for guidance regarding the Classification c									
G. DECLARATIO	N									
I/We, being the pe	rson(s) responsible for the inspection and testing of the	electrical installation (as indicated by m	ny/our signatures below), par	ticulars of which						
in this report, inc	age 1 (see C), having exercised reasonable skill and car luding the observations (see F) and the attached sche ng into account the stated extent of the ins	dules (see H), provides an accurate as	sessment of the condition of	of the electrical						
I/We fu	ther declare that in my/our SATISFACTORY/UNICATIONS	condition (see F) at the	time the inspection was carri ected as recommended (see I).	eď out, and that it						
juugomonų aio our		lete as appropriate	0000 uu 1000 iiiii iii uu (000 i).							
INSPECTION, TEST	ING AND ASSESSMENT BY:	REPORT REVIEWED AND CONFIRMED	BY:							
Signature		Signature								
Name (CAPITALS) KEVIN	DUFFY	Name (CAPITALS) KEVIN DUFFY								
·	ed Supervisior		rvisor for the Approved Contractor	at J)						
_		Date: 00/07/0047								
Date: 21/07	2017	Date: 22/07/2017								

H. SC	HEDUL	ES AND	ADDIT	TIONAL PAG	ES												
Inspecti	on Schedu	ule: Page(s)	No 4,5,6	6						dditional pages ource(s) data s		ng additional		Pa	nge No(s)		
Schedul	e of Circu	it Details fo	r the Inst	tallation: Page N	Vo(s)	Odd, 7 - 1	5		S	chedule of Tes	t Result	s for the Inst	allation:	Pa	age No(s)	Even, 8 - 16	;
The pag	es identifi	ied are an es	sential p	part of this report	t. The repo	ort is valid o	only if accom	panied by al	ll the sched	ules and addition	onal page	es identified	above.				
I. NEX	(T INS	PECTION															
I/We rec	ommend t	hat this insta	allation is	s further inspecte	ed and test	ed after an	interval of n	ot more th	1 year					er interval in te s, months or v		ropriate)	
any i	respectively as a matter of urgency. Items which have been attributed a Classification code C3 should be improved as soon as practicable (see F).																
J. DE	TAILS	OF NICEI	C APP	ROVED CO	NTRAC	TOR											
Trading	Title:	londonspa	rks.com														
Address	:	Airport Ho Purley Wa									Tel	ephone numb	oer: +44	7850 55	7684		
		Croydon Surrey	'y								Em	ail Address:	kevi	n@londons	parks.com	ı	
										NEE		olment numb	1111.3	5258			
					Р	ostcode:CR	RO OXZ			APPROVI CONTRAC	TOR	ential information nch number:	1)				
											(if a	oplicable)					
		CHARAC		TICS AND E			ANGEME	NTS								ics of Primary Protective De	
System T	ype(s)	CHARAC	Number	TICS AND E		ors				ature of Suppl			V	0,	ercurrent		
			Number a.c.	r and Type of Liv	e Conducto	ors d.c.	N/A	N V	lominal 'oltage(s): U	400	y Parame V	eters U ₀ (1) Notes:	V	BS(EN)	vercurrent LIM		
System T	ype(s)	1-phąse (2 wire)	Number			ors		N V N	lominal 'oltage(s): ^U lominal requency, f	400 50		U ₀ (1) Notes: (1) by enquiry		0,	ercurrent		
System T TN-S	ype(s)		Number a.c.	r and Type of Liv	e Conducto	ors d.c.	N/A	N V N fi Pros c	lominal (oltage(s): U lominal requency, f ⁽ spective fau urrent, l _{pf} (2)	400 50 11) 2.19	V	U ₀ (1) Notes: (1) by enquiry (2) by enquiry measurement	or by	BS(EN) Type Rate	LIM LIM d current	Protective De	
System T TN-S TN-C-S	ype(s) V N/A	1-phąse (2 wire)	Number a.c.	r and Type of Liv	e Conducto	d.c. 2 pole	N/A N/A	N V N	lominal (oltage(s): Ultage(s): Ultage(s): Ultage(s); Foreguency, foreguency, foreguency, foreguency, I _{pf} (2) arth fault	400 50 11) 2.19 0.21	V Hz	U ₀ (1) Notes: (1) by enquiry (2) by enquiry measurement (3) where monous supply, recthe higher or higher	or by e than ord	BS(EN) Type Rate	LIM LIM	Protective De	vice(s)
System T TN-S TN-C-S TN-C	N/A	1-phase (2 wire) 2-phase (3 wire)	Number a.c. ✓ N/A	r and Type of Live 1-phase (3 wire)	e Conducto	d.c. 2 pole 3 pole	N/A N/A	N V N fi Pros c External ea	lominal (oltage(s): Ultage(s): Ultage(s): Ultage(s); Foreguency, foreguency, foreguency, foreguency, I _{pf} (2) arth fault	400 50 50 2.19 0.21	V Hz kA	U ₀ (1) Notes: (1) by enquiry (2) by enquiry measurement (3) where more one supply, rec	or by e than ord ghest	BS(EN) Type Rater Sh	LIM LIM d current nort-circuit	Protective De	evice(s)
System T TN-S TN-C-S TN-C TT TT	N/A N/A N/A N/A	1-phase (2 wire) 2-phase (3 wire) 3-phase (3 wire) Other	Number a.c. V N/A N/A	r and Type of Live 1-phase (3 wire)	N/A	d.c. 2 pole 3 pole other	N/A N/A N/A	N V N fi Pros c External ea	Jominal Unitage(s): Unitage(s): Unitage(s): Unitage of the Indian Control of the Indian	400 50 50 2.19 0.21	V Hz kA	U ₀ (1) Notes: (1) by enquiry (2) by enquiry measurement (3) where more one supply, rec the higher or high	or by e than ord ghest	BS(EN) Type Rater Sh	LIM LIM d current nort-circuit pacity nation of	Protective De	A kA
TN-S TN-C-S TN-C TT IT L. PA	N/A N/A N/A N/A N/A N/A	1-phase (2 wire) 2-phase (3 wire) 3-phase (3 wire) Other	Number a.c. V N/A N/A	1-phase (3 wire) 3-phase (4 wire)	N/A	d.c. 2 pole 3 pole other	N/A N/A N/A	N V fi Pros c External ea loop impend	lominal Coltage(s): Ulominal requency, for spective facturrent, I _{pr} (2) arth fault dance, Z _e (3)(400 50 50 2.19 0.21	V Hz kA	U ₀ (1) Notes: (1) by enquiry (2) by enquiry measurement (3) where more one supply, rec the higher or high	or by e than ord ghest	BS(EN) Type Rater Sh	LIM LIM d current nort-circuit pacity nation of	Protective De	A kA
TN-S TN-C-S TN-C TT IT L. PA	N/A N/A N/A N/A N/A N/A	1-phase (2 wire) 2-phase (3 wire) 3-phase (3 wire) Other	Number a.c. N/A N/A N/A	1-phase (3 wire) 3-phase (4 wire) Type: d(s),tape(s))	N/A	d.c. 2 pole 3 pole other	N/A N/A N/A	N N fi Pros c External ea loop impend	lominal Coltage(s): Ulominal requency, for spective facturrent, I _{pr} (2) arth fault dance, Z _e (3)((1) 400 50 1) 50 1) 2.19 0.21 f 1	V Hz kA	U ₀ (1) Notes: (1) by enquiry (2) by enquiry measurement (3) where more one supply, rec the higher or high	or by e than ord ghest	BS(EN) Type Rater Sh	LIM LIM d current nort-circuit pacity nation of	Protective De	A kA
TN-S TN-C-S TN-C TT IT L. PA Means of Dist	N/A N/A N/A N/A N/A N/A	1-phase (2 wire) 2-phase (3 wire) 3-phase (3 wire) Other	Number a.c. N/A N/A INST/	1-phase (3 wire) 3-phase (4 wire)	N/A N/A	d.c. 2 pole 3 pole other	N/A N/A N/A	N N fin Pros c External ea loop impend	lominal Coltage(s): Ulominal requency, for spective facturrent, I _{pr} (2) arth fault dance, Z _e (3)((1) 400 50 1) 50 1) 2.19 0.21 f 1	V Hz kA	U ₀ (1) Notes: (1) by enquiry (2) by enquiry measurement (3) where more one supply, rec the higher or high	or by e than ord ghest	BS(EN) Type Rater Sh	LIM LIM d current nort-circuit pacity nation of	Protective De	A kA
TN-S TN-C-S TN-C TT IT L. PA Means of Dist earth el	N/A N/A N/A N/A N/A N/A tricul of Earthing ributor's facility: tallation ectrode:	1-phase (2 wire) 2-phase (3 wire) 3-phase (3 wire) Other	Number a.c. N/A N/A N/A INST/	1-phase (3 wire) 3-phase (4 wire) ALLATION A Type: d(s),tape(s)) Electrode	N/A N/A	d.c. 2 pole 3 pole other ORIGIN Details of	N/A N/A N/A	N N fine Prosection of the Prosection of Surement:	lominal coltage(s): U lominal requency, for spective faurrent, l _{pr} (2) orth fault dance, Ze(3)() Number o sources	(1) 400 50 1) 2.19 0.21 f 1	V Hz kA Ω	U ₀ (1) Notes: (1) by enquiry (2) by enquiry measurement (3) where more supply, rec the higher or hig values (4) by measure.	or by e than ord sphest ment	BS(EN) Type Rater St ca Confirm supply	LIM LIM d current mort-circuit pacity nation of polarity	LIM × (A kA
TN-S TN-C-S TN-C TT IT L. PA Means of Dist earth el	N/A N/A N/A N/A N/A N/A tricul of Earthing ributor's facility: tallation ectrode:	1-phase (2 wire) 2-phase (3 wire) 3-phase (3 wire) Other	Number a.c. N/A N/A N/A INST/	1-phase (3 wire) 3-phase (4 wire) ALLATION A Type: d(s),tape(s)) Electrode istance, R _A : uit-Breaker/RCD	N/A N/A	d.c. 2 pole 3 pole other ORIGIN Details of	N/A N/A N/A of Installatio mea:	N N N Information of the state	lominal coltage(s): U lominal requency, for spective faurrent, l _{pr} (2) orth fault dance, Ze(3)() Number o sources	(1) 400 50 1) 50 2.19 0.21 f 1 e applicable) Eart Main protectic Conductor	V Hz kA Ω	U ₀ (1) Notes: (1) by enquiry (2) by enquiry measurement (3) where more supply, rec the higher or hig values (4) by measure.	or by e than ord sphest ment	BS(EN) Type Rate St ca Confirm supply	LIM LIM d current mort-circuit pacity ation of polarity tors of extrane	Protective De	A kA ✓)
TN-S TN-C-S TN-C TT IT L. PA Means of Dist earth el	N/A N/A N/A N/A N/A N/A tricul of Earthing ributor's facility: tallation ectrode:	1-phase (2 wire) 2-phase (3 wire) 3-phase (3 wire) Other	Number a.c. N/A N/A N/A INST/	1-phase (3 wire) 3-phase (4 wire) ALLATION A Type: d(s),tape(s)) Electrode istance, R _A : uit-Breaker/RCD	N/A N/A THE	d.c. 2 pole 3 pole other ORIGIN Details α	N/A N/A N/A of Installatio	N N N Information of the state	lominal coltage(s): U lominal requency, for spective faurrent, l _{pr} (2) orth fault dance, Ze(3)() Number o sources	(1) 400 50 1) 50 2.19 0.21 f 1 e applicable) Eart Main protective	V Hz kA Ω	U ₀ (1) Notes: (1) by enquiry (2) by enquiry measurement (3) where more supply, rec the higher or hig values (4) by measure.	or by a than ord ord ophest we bondin Wal servi	BS(EN) Type Rater Sir ca Confirm supply	LIM LIM d current nort-circuit pacity nation of polarity	LIM × (A kA v)
TN-S 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 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 ARS OF N/A ch/Switch-F	Number a.c. N/A N/A N/A INST/ (eg roc resi	1-phase (3 wire) 3-phase (4 wire) ALLATION A Type: d(s),tape(s)) Electrode istance, R _A : uit-Breaker/RCD Voltage rating Rated	N/A N/A THE	d.c. 2 pole 3 pole other ORIGIN Details α V A	N/A N/A N/A of Installatio Earthic Conductor material	N N N N N N N N N N N N N N N N N N N	lominal coltage(s): U lominal requency, for spective faurrent, I _{pp} (2) orth fault dance, Ze(3)() Number o sources	1) 400 1) 50 1) 2.19 4) 0.21 f 1 Eart Main protective Conductor material Conductor	V Hz kA Ω ching are bonding Copper	U ₀ (1) Notes: (1) by enquiry. measurement (3) where man ane supply, rec the higher or his values (4) by measure.	or by e than ord ord othest ment we bondin Wal Servi	BS(EN) Type Rate St ca Confirm supply	LIM LIM d current nort-circuit pacity nation of polarity	LIM LIM Australia Gas Service Structural	A kA ×)
TN-S 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 N/A N/A STICUI of Earthing rightor's facility tallation ectrode: Main Swit	1-phase (2 wire) 2-phase (3 wire) 3-phase (3 wire) Other N/A ch/Switch-F 60439-3	Number a.c. N/A N/A N/A INST/ (eg roc resi	1-phase (3 wire) 3-phase (4 wire) ALLATION A Type: d(s),tape(s)) Electrode istance, R _A : uit-Breaker/RCD Voltage rating Rated current,I _n CD operating	N/A N/A THE	d.c. 2 pole 3 pole other ORIGIN Details of	N/A N/A N/A N/A of Installatio Earthii Conductor material Conductor csa Connection/	N N N N N N N N N N N N N N N N N N N	lominal coltage(s): U lominal requency, for spective far surrent, I _{lpt} (2) arth fault dance, Ze(3)(Number of sources trode (when the surrent) arth fault dance, Ze(3)(1) arth fault dance dan	(1) 400 1) 50 1) 1 2.19 0.21 f 1 e applicable) Eart Main protectic Conductor material Conductor csa Connection/	V Hz kA Ω ching are bonding Copper	U ₀ (1) Notes: (1) by enquiry measurement (3) where more supply, rec the higher or hig values (4) by measure d protecti g conductors	or by e than ord ord othest ement we bondin Wat servi	BS(EN) Type Rater Sir Canfirm Supply g conduct Bonding ere ce Oil N/A	LIM LIM d current nort-circuit pacity nation of polarity	LIM LIM Cus-conductive Gas Service Structural stee	A kA ×)

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



INSPE	CTION SCHEDULE FOR DISTRIBUTION BOARDS AND CIRCUITS †		
ltem	<u>Description</u>	Outcome *	Location reference
1.0 Condi	tion/adequacy of distributor's/supply intake equipment		
1.1	Service cable	~	
1.2	Service cut-out/fuse(s)	•	
1.3	Meter tails - distributor	¥	
1.4	Meter tails - consumer	V	
1.5	Metering equipment	•	
1.6	Means of main isolation (where present)	✓	
2.0	Presence of adequate arrangements for parallel or switched alternative sources		
2.0	Tresence of adequate arrangements for parametor switched afternative sources		
3.0	Automatic disconnection of supply		
2 4 84	porthing and handing avenuements		
3.1 Main	earthing and bonding arrangements		
-	Presence and condition of distributor's earthing arrangement Presence and condition of earth electrode arrangement	· ·	
-	Adequacy of earthing conductor size	,	
-	Adequacy of earthing conductor size Adequacy of earthing conductor connections		
-	Accessibility of earthing conductor connections		
-	Adequacy of main protective bonding conductor size(s)		
-	Adequacy of main protective bonding conductor connections	,	
-	Accessibility of main protective bonding connections		
-	Provision of earthing/bonding labels at all appropriate locations		
-	the state of the s		
3.2 FELV			
-	Source providing at least simple separation		
-	Plugs, socket-outlets and the like not interchangeable with those of other systems within the premises		
3.3 Reduc	ed low voltage		
9	Adequacy of source		
-	Plugs, socket-outlets and the like not interchangeable with those of other systems within the premises		
-			
4.0 Other	methods of protection (where the methods of protection listed below are employed,details should be provided on separate sheets)		
4.1	Double insulation		
4.2	Reinforced insulation		
4.3	Use of obstacles		
4.4	Placing out of reach		
4.5	Non-conducting location		
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
em .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	~	
!	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.



CTION SCHEDULE FOR DISTRIBUTION BOARDS AND CIRCUITS †		
Description	Outcome *	Location reference
·		
·		
·	•	
·		
<u>'</u>		
creatry identified by position annion and anic marking(s)		
ency switching/stopping		
presence and condition of appropriate devices		
readily accessible for operation where danger might occur		
correct operation verified		
clearly identified by position and/or durable marking(s)		
onal switching		
presence and condition of appropriate devices		
correct operation verified		
	✓	
·		
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)		
sed luminaires (e.g. downlighters)		
correct type of lamps fitted		
installed to minimise build-up of heat by use of fire rated fittings,insulation displacement box or similar		
no signs of overheating to surrounding building fabric		
no signs of overheating to conductors/terminations		
on(s) containing a hath or shower		
Shaver sockets comply with BS EN 61558-2-5 or BS 3535		
Presence of supplementary bonding conductors unless not required by BS 7671: 2008		
Low voltage (e.g. 230 volts) socket-outlets sited at least 3 m from zone 1		
Suitability of equipment for external influences for installed location in terms of IP rating		
Suitability of equipment for installation in a particular zone		
Suitability of current-using equipment for a particular position within the location		
special installations or locations		
special installations or locations List special locations present, if any. List the results of particular inspections applied a separate page is required for each location		
·		
·		
·		
h ic	one and switching rs presence and condition of appropriate devices acceptable location capable of being secured in the OFF position correct operation verified calearly identified by position and/or durable marking/sl Warning label posted in situations where five parts cannot be isolated by the operation of a single device integrated of fire mechanical maintenance presence and condition of appropriate devices acceptable location capable of being secured in the OFF position correct operation verified capable of being secured in the OFF position correct operation verified capable of being secured in the OFF position correct operation verified capable of being secured in the OFF position correct operation verified capable of being secured in the OFF position correct operation verified correct operation verified correct operation verified clearly identified by position and/or durable marking/sl onal switching presence and condition of appropriate devices correct operation verified clearly identified by position and/or durable marking(sl onal switching presence and condition of appropriate devices correct operation verified clearly identified by position and/or durable marking(sl onal switching presence and condition of appropriate devices correct operation verified Condition of equipment (permanently connected) Condition of equipment in terms of IP rating Equipment does not constitute a fire hazard Equipment does not constitute a fire hazard Capaclouries of section of a fire hazard Cable entry holes in ceiling above luminaires. Szed or sealed so as to restrict the spread of fire (indicate extent of sampling in Section D of report) social luminaires (e.g., downlighters) correct type of lamps fitted installed to minimis build up of heat by use of fire rated fittings, insulation displacement box or similar no signs of overheating to conductors/terminations (encloared to damps fitted installed to minimis build up of heat by use of fire rated fittings, insulation displacement box or similar no signs of overheating	on and switching Presence and condition of appropriate devices acceptable location correct operation verified or correct operation of a single device acceptable location correct operation verified or peration deviled markingts! Warring label posted in situations where live parts cannot be isolated by the operation of a single device acceptable location capable of heimy secured in the DFF position capable of being secured in

* 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 CON	IPLETED IN EVERY CASE	TO BE COMPLETED ONLY IF THE DISTRIBUTION BOARD IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION*									
Location of distribution board:	Corner of warehouse next to Main Supply	Supply to distribution board is from:			N p Assoc RCD (if any): BS	lo of hases:	3	Nominal voltage:	400	V	
Distribution board designation:	DB1	Type: BS(EN)	vice for the distribution circuit:	Rating:		RCD No of poles:		l∆n		mA	

	Circuit designation				Cir conduc	cuit tors: csa	noi	Overcurrent p	rotectiv	e devices		RCD	1.767
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	® Rating	Short-circuit Capacity	⊜ Operating Y current, l∆n	(B) Maximum Zs permitted by BS 767
1	Lights	0	Α	4	1.5	1	0.4	60898 MCB	В	6	6		7.28
2		0	Α	Lim	2.5	1.5	0.4	60898 MCB	В	32	6		1.37
3	Spare												
4	Spare												
5	Spare												
6	Spare												
7	Spare												
8	Spare												
9	Spare												
10	Spare												
11	Spare												
12	Spare												
13	Spare												
14	Spare												
15	Spare												
16	Supply to DB2 (workshop)	D	В	1	16	16	5.0	60898 MCB	С	63	10	N/A	0.35
17	Supply to DB2 (workshop)	D	В	1	16	16	5.0	60898 MCB	С	63	10	N/A	0.35
18	Supply to DB2 (workshop)	D	В	1	16	16	5.0	60898 MCB	С	63	10	N/A	0.35
19	Emergency Power/Alarm/cctv	D	В	3	2.5	1.5	0.4	60898 MCB	С	10	10		2.19
20	A/C office	D	В	1	2.5	1.5	0.4	60898 MCB	С	20	10		1.09
21	Lights	D	В	5	1.5	1	0.4	61009 RCD/RCB0	В	6	6	30	7.28
22	Lights	D	В	5	1.5	1	0.4	61009 RCD/RCB0	В	6	6	30	7.28
23	Spare					1		61009 RCD/RCB0	В	6	6	30	
24	Lights	D	В	3	1.5	1	0.4	61009 RCD/RCB0	В	6	6	30	7.28
25	Water Heater	D	В	1	2.5	1.5	0.4	61009 RCD/RCB0	В	16	6	30	2.73
26	Socket outlet office/kitchen	D	В	4	2.5	1.5	0.4	61009 RCD/RCB0	В	32	6	30	1.37
27	Socket outlet	D	В	3	2.5	1.5	0.4	61009 RCD/RCB0	В	32	6	30	1.37
28	Water Heater	D	В	1	2.5	1.5	0.4	61009 RCD/RCB0	В	16	6	30	2.73
29	Socket outlet (office)	D	В	3	2.5	1.5	0.4	61009 RCD/RCB0	В	16	6	30	2.73

^{*} 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											
		F THE DISTRIBUTION BOA The Origin of the ins		NECTED			Test instruments (serial numb	pers) used:				
	Characte	eristics at this distribut	ion board									
	Confirm	nation of supply polari	ty		Earth fault loop impedance	16103359	RCE)				
* See note helow		Operating times										
Z _S *0.20	Ω	of associated	At I∆n	ms	Insulation resistance		Mul	ti ction				
I _{pf} _1.13	kA	RCD (if any)	At 5l∆n	ms	resistance		Tunc	CLIOII				
1pf . 1.13	NA.		Αι σιΔιι	1119	Continuity		Otho	or				
					Continuity		U(III	ы				

er	Circuit impedances (Ω)						Insulation	resistance		Polarity	Maximum measured earth	RCD o	perating mes	
Circuit number and phase	Rin (me	g final circuits easured end to	only end)	(At least	All circuits (At least one column to be completed)		Line/Neutral	Line/Earth †	Neutral/Earth	- 1	measured earth fault loop impedance, Z _S	at l∆n	at 5l∆n (if applicable)	Test button operation
Circ	r₁ (Line)	r _n (Neutral)	r ₂ (cpc)			(ΜΩ) (ΜΩ)		(MΩ)	(MΩ)		(Ω)	(ms)		
1	(Lille)	(Neutrai)	(срс)	R ₁ + R ₂	n ₂	(IVI22)	Lim	> 200	> 200	(4)	(22)	(IIIS)	(ms)	(4)
2							Lim	> 200	> 200	,				
3							Liiii	7 200	7 200					
4														
5														
6														
7														
8														
9														
10														
11														
12														
13														
14														
15														
16				0.10			Lim	> 200	> 200	~	0.12			
17				0.10			Lim	> 200	> 200	~	0.12			
18				0.10			Lim	> 200	> 200	-	0.12			
19							Lim	> 200	> 200	~				
20							Lim	> 200	> 200	-				
21							Lim	> 200	> 200	•	0.24			~
22							Lim	> 200	> 200					~
23							Lim	> 200	> 200	~				~
24							Lim	> 200	> 200					~
25				0.30			Lim	> 200	> 200		0.43			~
26				0.30			Lim	> 200	> 200		0.42			~
27							Lim	> 200	> 200					~
28							Lim	> 200	> 200					~
29				0.29			Lim	> 200	> 200		0.40			✓

^{*} 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:	140	Position:	Qualified Supervisior
Name: (CAPITALS)	KEVIN DUFFY	Date of testing:	22/07/2017

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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 B	OARD IS NOT CONNEC	TED DIRECTLY T	O THE O	RIGIN OF TH	E INSTALLA	TION*		
Location of distribution board:	Corner of warehouse next to Main Supply	Supply to distribution board is from:			Assoc RCD (if any): BS	lo of hases: ciated	3	Nominal voltage:	400	V	
Distribution board designation:	DB1	Overcurrent protective de Type: BS(EN)	vice for the distribution circuit:	Rating:	•	(EN) RCD No of poles:		l∆n		mA	

	Circuit designation				Cir	cuit tors: csa	E .	Overcurrent p	rotectiv	e devices		RCD	7671
Circuit number and phase	, c	Type of wiring (see code below)	Reference method	Number of points served	Live (mm²)	cpc (mm²)	Max. disconnection © time permitted by BS 7671	BS (EN)	Type No	(V) Rating	Short-circuit capacity	© Operating (♥ current, l∆n	S Maximum Zs permitted by BS 7671
30	Spare												
31	Spare												
32	Spare												
33	Spare												
34	Spare							60898 MCB	С	40			0.55
35	Spare							60898 MCB	С	40			0.55
36	Spare							60898 MCB	С	40			0.55

^{*} In such cases, details of the distribution (sub-main) circuit(s), together with the test results for the circuit(s), must also be provided, on continuation schedules.

† See Table 4A2 of Appendix 4 of BS 7671

CODES FOR TYPE OF WIRING										
A	В	C	D	E	F	G	Н	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		
	RECTLY TO	F THE DISTRIBUTION BOA The Origin of the inst	TALLATION	NNECTED			Test instruments (serial numbers) used:
	Characte	eristics at this distribut	ion board					
	Confirm	nation of supply polarit	ty		Earth fault loop impedance	16103359	RCD	
* See note helow		Operating times						
Zs +0.20	Ω	of associated	At I∆n	ms	Insulation resistance		Multi function	,
I _{Pf} _1.13	kA	RCD (if any)	At 5I∆n	ms	10010101100		141101101	
.нго	NO V		71. 01.2.11	1110	Continuity		Other	

er		С	ircuit impeda (Ω)	nces			Insulation	esistance		Polarity	Maximum measured earth fault loop impedance, Z _S	RCD o	perating nes	
Circuit number and phase	Rin (me	ig final circuits easured end to	s only end)	All c (At least to be c	ircuits one column ompleted)	Line/Line †	Line/Neutral	Line/Earth †	Neutral/Earth	1	impedance, Z _S *See note below	at l∆n	at 5l∆n (if applicable)	Test button operation
Gi.	r₁ (Line)	r _n (Neutral)	r ₂ (cpc)	R ₁ + R ₂	R ₂	(MΩ)	(ΜΩ)	(MΩ)	(MΩ)	(~)	(Ω)	(ms)	(ms)	(J)
30			1,1,0			· ·							, ,	
31														
32														
33														
34														
35														
36														
														1
														4
														1
														_
														\perp

^{*} 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

ILGILD DI	- 10		
Signature:	140	Position:	Qualified Supervisior
Name: (CAPITALS)	KEVIN DUFFY	Date of testing:	22/07/2017

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SCHEDULE OF CIRCUIT DETAILS FOR THE PRIMARY DISTRIBUTION BOARD

			CIRCUIT DETAILS							
TO BE CON	APLETED IN EVERY CASE	TO BE COMPLETE	D ONLY IF THE DISTRIBUTION B	OARD IS NOT (CONNECTED DIRECT	Y TO THE O	RIGIN OF THE IN	STALLA	TION*	
Location of distribution board:	Corner of warehouse next to Main Supply	Supply to distribution board is from:				No of phases:	3 N	lominal oltage:	400	V
		Overcurrent protective de	evice for the distribution circuit:		RCD (if any	ssociated : BS(EN)				
Distribution board designation:	DB1	Type: BS(EN)		Rating:	Α	RCD No of poles:		l∆n		mA

	Circuit designation	tion B R			Cir	cuit tors: csa	ion	Overcurrent p	protective	e devices		RCD	7671
Circuit number and phase		Type of wiring (see code below)	Reference method	Number of points served	Live (mm²)	cpc (mm²)	Max. disconnection Example time permitted by BS 7671	BS (EN)	Type No	(V) Rating	Short-circuit C capacity	© Operating (Y current, l∆n	Maximum Zs permitted by BS 7671

^{*} In such cases, details of the distribution (sub-main) circuit(s), together with the test results for the circuit(s), must also be provided, on continuation schedules.

† See Table 4A2 of Appendix 4 of BS 7671

CODES FOR TYPE OF WIRING										
Α	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		
	RECTLY TO	THE DISTRIBUTION BOA	TALLATION	NNECTED			Test instruments (serial numbers) used:
		eristics at this distribut nation of supply polarit			Earth fault loop	16103359	RCD	
* See note helow		Operating times	,		impedance	10103335	ПОБ	
Zs *0.20	Ω	of associated	At I∆n	ms	Insulation resistance		Multi functio	n l
I _{pf} *1.13	kA	RCD (if any)	At 5I∆n	ms				
					Continuity		Other	

- in	Circuit impedances (Ω)						Insulation	resistance		Polarity	Maximum measured earth fault loop impedance, Z _S	RCD o tir	perating nes	
Circuit number and phase	Rin (me	g final circuits easured end to	only end)	All c (At least to be c	ircuits one column ompleted)	Line/Line †	Line/Neutral	Line/Earth †	Neutral/Earth		fault loop impedance, Z _S *See note below	at l∆n	at 5l∆n (if applicable)	Test button operation
Çi	r₁ (Line)	r _n (Neutral)	r ₂ (cpc)	R ₁ + R ₂	R ₂	(MΩ)	(MΩ)	(MΩ)	(MΩ)	(v)	(Ω)	(ma)	, ,	
	(Line)	(Neutrai)	(срс)	K ₁ + K ₂	n ₂	(IVISZ)	(IVILZ)	(IVI22)	(IVI22)	(~)	(77)	(ms)	(ms)	()
														+
														+
														+
														1

TESTED BY

Signature:	140	Position:	Qualified Supervisior
Name: (CAPITALS)	KEVIN DUFFY	Date of testing:	22/07/2017

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^{*} 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.

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SCHEDULE OF CIRCUIT DETAILS FOR THE PRIMARY DISTRIBUTION BOARD

	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:	Workshop	Supply to distribution board is from:			Ass RCD (if any):	No of phases:	Nominal voltage:	٧						
Distribution board designation:	DB2	Overcurrent protective de Type: BS(EN)	evice for the distribution circuit:	Rating:	A	RCD No of poles:	l∆n	mA						

	Circuit designation				Cir	rcuit :tors: csa	noi	Overcurrent protective devices					7671
Circuit number and phase		Type of wiring (see code below)	Reference method	Number of points served	Live (mm²)	cpc (mm²)	Max. disconnection time permitted by BS 7671	BS (EN)	Type No	() Rating	Short-circuit Capacity	© Operating (Y current, l∆n	(2) Maximum Z _s (3) permitted by BS 767
1	A/C Roof unit	F	В	1	2.5	2.5	0.4	60898 MCB	C	20	10	N/A	1.09
2	A/C Roof unit	F	В	1	2.5	2.5	0.4	60898 MCB	C	20	10	N/A	1.09
3	A/C Roof unit	F	В	1	2.5	2.5	0.4	60898 MCB	C	20	10	N/A	1.09
4	Ring final	0	В	5	2.5	1.5	0.4	60898 MCB	С	16	10	30	1.37
5	Sockets (near shutter)	0	В	5	2.5	1.5	0.4	60898 MCB	С	32	10	30	0.68
6	Lights	0	В	6	1.5	1.5	0.4	60898 MCB	С	6	10	30	3.64
7	Dado sockets (near window)	F	В	4	4	4	0.4	60898 MCB	С	20	10	30	1.09
8	Compressor supply (on mez)	F	В	1	4	4	0.4	60898 MCB	С	32	10	30	0.68
9	Lights (ext)	0	В	1	1.5	1	0.4	60898 MCB	С	6	10	30	3.64
10	Commando S/O (Compressor)	F	В	1	4	4	0.4	60898 MCB	C	20	10	N/A	1.09
11	Commando S/O (Compressor)	F	В	1	4	4	0.4	60898 MCB	C	20	10	N/A	1.09
12	Commando S/O (Compressor)	F	В	1	4	4	0.4	60898 MCB	С	20	10	N/A	1.09
13	A/C 1	sy	В	1	1.5	1.5	0.4	60898 MCB	C	16	10	30	1.37
14	A/C 2	sy	В	1	1.5	1.5	0.4	60898 MCB	С	16	10	30	1.37
15	Spray booth	F	В	1	2.5	2,5	0.4	60898 MCB	С	32	10	30	0.68
16	Dado (rear)	F	В	5	4	4	0.4	60898 MCB	С	32	10	30	0.68
17	Dado (below DB)	F	В	5	2.5	1.5	0.4	60898 MCB	С	32	10	30	0.68
18	Spare												
19	Extractor fan (spray booth)	F	В	1	2.5	2.5	0.4	60898 MCB	D	6	10	N/A	3.64
20	Extractor fan (spray booth)	F	В	1	2.5	2.5	0.4	60898 MCB	D	6	10	N/A	3.64
21	Extractor fan (spray booth)	F	В	1	2.5	2.5	0.4	60898 MCB	D	6	10	N/A	3.64
22	Spare							60898 MCB	С	16	10	N/A	1.37
23	Socket outlet	0	В	2	2.5	1.5	0.4	60898 MCB	С	32	10	N/A	0.68
24	Lights (workshop)	Α	В	7	1.5	1	0.4	60898 MCB	С	6	10	30	3.64

^{*} In such cases, details of the distribution (sub-main) circuit(s), together with the test results for the circuit(s), must also be provided, on continuation schedules.

† See Table 4A2 of Appendix 4 of BS 7671

CODES FOR TYPE OF WIRING													
A	В	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		INECTED			Test instruments (serial number	rs) used:				
	Charac	teristics at this distribu	tion board									
	Confir	mation of supply polari	ty		Earth fault loop impedance	16103359	RCD					
* See note helow Zs *0.18	Ω	Operating times of associated	At I∆n	ms	Insulation resistance		Multi functi	ion				
I _{pf} _* 1.12	kA	RCD (if any)	At 5I∆n	ms	Continuity		Other					

er		Ci	rcuit impeda (Ω)	inces			Insulation i	resistance		Polarity	measured earth	RCD o tii	perating mes	
Circuit number and phase	Rin (mo	g final circuits easured end to	only end)	(At least	ircuits one column ompleted)	Line/Line †	Line/Neutral	Line/Earth†	Neutral/Earth		fault loop impedance, Z _S *See note below	at l∆n	at 5l∆n (if applicable)	Test button operation
. <u>i</u>	r₁ (Line)	r _n (Neutral)	r ₂ (cpc)	R ₁ + R ₂	R_2	(MΩ)	(MΩ)	(MΩ)	(MΩ)	(~)	(Ω)	(ms)	(ms)	(4)
1	, ,,	,,	(46)			. ,			. ,		Lim		()	(1)
2											Lim			
3											Lim			
4	0.25	0.28	0.49	0.24			Lim	> 200	> 200		0.39	17	17	~
5							Lim	> 200	> 200			17	17	~
6							Lim	> 200	> 200			19	11	~
7				0.29			Lim	> 200	> 200		0.42	29	23	~
8				0.20			Lim	> 200	> 200		0.29	29	29	•
9							Lim	> 200	> 200			29	29	•
10				0.12			Lim	> 200	> 200		0.19			
11				0.12			Lim	> 200	> 200		0.19			
12				0.12			Lim	> 200	> 200		0.19	17	11	~
13							Lim	> 200	> 200			19	19	~
14							Lim	> 200	> 200			11	11	•
15							Lim	> 200	> 200			19	19	~
16				0.32			Lim	> 200	> 200		0.42	19	19	~
17							Lim	> 200	> 200					
18							Lim	> 200	> 200					
19							Lim	> 200	> 200					
20							Lim	> 200	> 200					
21							Lim	> 200	> 200					
22							Lim	> 200	> 200					
23							Lim	> 200	> 200					\perp
24							Lim	> 200	> 200					
														\perp
														\perp
														\perp
														\perp

^{*} 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

1 E 9 I E D B I			
Signature:	XC	Position:	Qualified Supervisior
Name: (CAPITALS)	KEVIN DUFFY	Date of testing:	22/07/2017

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IPN3/0460652

SCHEDULE OF CIRCUIT DETAILS FOR THE PRIMARY DISTRIBUTION BOARD

	CIRCUIT DETAILS													
TO BE CON	IPLETED IN EVERY CASE	TO BE COMPLETED ONLY IF THE DISTRIBUTION BOARD IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION*												
Location of distribution board:	Workshop	Supply to distribution board is from:			No of Nominal phases: voltage:									
		Overcurrent protective de	evice for the distribution circuit:		RCD (if any	ssociated): BS(EN)								
Distribution board designation:	DB2	Type: BS(EN)		Rating:	A	RCD No of poles:	l∆n	mA						

	Circuit designation				Cir	cuit tors: csa	u	Overcurrent p	protectiv	e devices		RCD 129	
Circuit number and phase	ŭ	Type of wiring (see code below)	Reference method	Number of points served	Live (mm²)	cpc (mm²)	Max. disconnection Experimented by BS 7671	BS (EN)	Type No	(V) Rating	(y Short-circuit (y capacity	© Operating © current, l∆n	(S) Maximum Zs (S) permitted by BS 7671

^{*} In such cases, details of the distribution (sub-main) circuit(s), together with the test results for the circuit(s), must also be provided, on continuation schedules.

† See Table 4A2 of Appendix 4 of BS 7671

	CODES FOR TYPE OF WIRING												
A	В	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		
	RECTLY TO	F THE DISTRIBUTION BOA The Origin of the Inst	TALLATION	NNECTED			Test instruments (serial numbers	s) used:
	Characte	eristics at this distribut	ion board					
	Confirm	nation of supply polarit	ty		Earth fault loop impedance	16103359	RCD	
* See note helow		Operating times			,			
Zs *0.18	Ω	of associated	At I∆n	ms	Insulation resistance		Multi functio	n
I _{Pf} 1.12	kA	RCD (if any)	At 5I∆n	ms	100.000			
, <u>-</u>					Continuity		Other	

in in		С	ircuit impeda (Ω)	nces			Insulation	resistance		Polarity	Maximum measured earth fault loop impedance, Z _S	RCD o tir		
Circuit number and phase	Rin (me	g final circuits easured end to		1	ircuits one column ompleted)	Line/Line †	Line/Neutral	Line/Earth †	Neutral/Earth			at l∆n	at 5l∆n	Test button operation
Circui				to be c	ompleted)						*See note below		(if applicable)	орегация
	r₁ (Line)	r _n (Neutral)	r ₂ (cpc)	R ₁ + R ₂	R ₂	(ΜΩ)	$(M\Omega)$	(ΜΩ)	(MΩ)	(~)	(Ω)	(ms)	(ms)	(4)

Signature: Position: Qualified Supervisior

Name: (CAPITALS) KEVIN DUFFY Date of testing: 22/07/2017

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^{*} 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 reported