

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: SAMPLE REPORT	Address:	Station Street West Business Coventry	Park			
					Pos	stcode: CV6 5BP
B. PURPOSE OF THE REPORT This report must be used only for	reporting o	n the condition of an existi	ng installa	tion.		
Purpose for which this report is required:  To check the integrity and safety of the electrical installation in recommendation.	elation to curre	ent standards.				
Date(s) on which inspection and testing were carried out: 16/08/2012						
C. DETAILS OF THE INSTALLATION						
Occupier SAMPLE REPORT	Address	Station Street West Business Coventry	Park			
			F	Postcode: CV6 5	BP	
Estimated age of the electrical installation:  30 years Description of premises: domestic, commercial, Commercial,	rcial	Evidence of alterations or additions	<b>✓</b>	lf yes, estimated age	10	years
		ificate No or previous dition Report No:	UNKNOWN	-		
Records of installation available: No Records held by: UNKNO	IWN					
Extent of the electrical installation covered by this report:  100% visual inspection of the whole premises supplemented with metered tests to include 10% of accessories internally inspected. Inspection & Testing undertaken in accordance of the whole premises supplemented with metered tests to include 10% of accessories internally inspected. Inspection & Testing undertaken in accordance of the second of t	e continuity, po with IET Guida ealed overcurro Agreed wit	larity, insulation resistance, ear nce Note 3.  ent protective devices at the ori  th: Alex King	igin of the ins		RCD tests.	
E. SUMMARY OF THE CONDITION OF THE INSTALLATION  General condition of the installation (in terms of electrical safety):						
The electrical installation is generally in a fair condition for its age. Some work is required There appears to be some water damage to the ceiling/roof which may have an adverse eff	•		neral lack of F	RCD protection a	nd circuit ch	narts.
Summary of the condition of the installation continued on additional pages? No   Overall assessment of the installation: (Delete of the installation:	Yes as appropriate)	Specify page				
An 'Unesticfactory' acceptent indicator that dangerous and/or notentially dangerous conditions h	ave heen identif	ied				

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. OBSER	F. OBSERVATIONS AND RECOMMENDATIONS FOR ACTIONS TO BE TAKEN											
_		ched schedules of inspections rsely affecting electrical safety.		lts, an subj		ns at D: rations and recommendations for		<b>~</b>				
There are no n	terns auve	isely diffecting electrical safety.	N/A	UI	are made	ations and recommendations for			Fundamina at a structure			
ltem l	Vo							Classification code †	Further investigation required ( Y or ✓)			
1		The main switch is not labelled	<u>-</u>					C3				
2		Cable duct is not sealed at the	origin.					C3				
3		Trunking lid at the origin has be	en omitted leavin	ng non sheath	ed cables exposed and	unprotected from		C2				
4		Unable to verify the main prote	ctive bonding to i	ncoming gas :	service.			C2				
5		See the attached report for fur	ther observations	and recomm	endations.							
							-					
							-					
Additional Pag		No Yes		fy page		Immediate remedial action required for items:						
observations i	made abov	ndes, as appropriate, has been all e to indicate to the person(s) res or remedial action:	ponsible for the in	nstallation		Urgent remedial action	3, 4					
•	• ,	<i>Present".</i> Risk of injury. Immed	iate remedial acti	ion required.		required for items:	3, 4					
		<i>lly dangerous".</i> Urgent remed	lial action require	d.		Further investigation required for items:						
	•	ment recommended".				Improvement	1, 2					
Please see t	the notes	for recipient for guidance i	egarding the L	Classificatio	on codes.	recommended for items:	1, 2					
are describe	the per d in pa	son(s) responsible for the ge 1 (see C), having exer	cised reasonab	le skill an	d care when carr	stallation (as indicated by m ying out the inspection and	testi	ng, hereby declare th	nat the information			
in this repo installation	ort, incl taking		e F) and the tated extent	e attached of the	schedules (see F installation a	l), provides an accurate as: nd the limitations of	sessm the	ent of the condition inspection and t				
		her declare that in my/our installation was overall in	condition (see F) at the tin should be further inspects			ed out, and that it						
INSPECTION	I, TESTIN	IG AND ASSESSMENT BY:	VIEWED AND CONFIRMED BY:									
Signature	PS	Def			Signature	4 P. Mar						
Name	DAIII D/	AVIES			Name	STUART PIPER						
(CAPITALS)	PAUL DA				(CAPITALS)	(Registered Qualified Supervise	or for t	the Approved Contractor a	<i>t J)</i>			
Position	Electrici	an				,						
Date:	15/08/2	012			Date:	31/08/2012						



H. SC	HEDUL	ES AND	ADDI <sup>.</sup>	TIONAL PA	GES											
Inspect	on Sched	ule: Page(s)	No 4,5	,6					Additional pa source(s) da		ding additiona	I	P	age No(s)		
Schedu	e of Circu	it Details for	r the Ins	tallation: Page	No(s)	7			Schedule of	Test Resu	ılts for the Ins	tallation:	P	age No(s)	8	
The pag	es identif	ied are an es	sential	part of this repo	rt. The rep	ort is valid	only if accom	panied by all the sc	hedules and ad	ditional pa	iges identified	above.				
I. NEX	(T INS	PECTION														
I/We red	ommend t	hat this insta	ıllation i	s further inspect	ed and test	ted after ar	n interval of n	ot more th 12 MOI	ITHS				er interval in te s, months or	erms of) weeks, as app	propriate)	
any i	tems v	vhich hav as a m	ve be	en attribute	d a co	ode C2	(potential	Classification ly dangerous) en attributed	or require	furthe	r investig	ation are	remed	died or	investiga	ated
J. DE	TAILS	OF NICEI	C API	PROVED CO	NTRAC	TOR										
Trading	Title:	R. Langsto	on Jone:	s & Co. Ltd												
Address	3:	Station St Coventry	reet We	est Business Pa	k					1	elephone num	ber: 024	7666859	2		
		West Midl	lands							E	mail Address	N/A				
									N III		nrolement nu		256			
					F	Postcode:C	V6 5BP			TRACTOR E	Branch number					
										(i	f applicable)	N/A				
- K GII	DDI V 1	CHVDVC	TEDIO	TICS AND	EADTUI	NG ADD	ANGEME	NTC					C	haraatariat	ion of Drim	ary Cumply
K. SU System 1		CHARACT		TICS AND er and Type of Li			RANGEME	NTS	Nature of Su	pply Para	meters				ics of Prima Protective	
		CHARACT								pply Para V		30 V		vercurrent		
System 1	ype(s)	1-phase (2 wire)	Numbe	er and Type of Li		tors	N/A	Nominal Voltage(: Nominal frequence	s): U <sup>(1)</sup> 400				0	vercurrent		
System 1	ype(s) N/A	1-phase (2 wire)	Numbe a.c.	er and Type of Li 	ve Conduct	tors d.c.	N/A N/A	Nominal Voltage(: Nominal frequenc Prospective	s): U(1) 400 y, f(1) 50	V	U <sub>0</sub> (1) 2:	or by	BS(EN)	vercurrent 88	Protective	
System 1 TN-S TN-C-S	N/A	1-phase (2' wire) 2-phase (3' wire)	Numbe a.c. N/A	er and Type of Li 	ve Conduct	d.c. 2 pole	N/A N/A	Nominal Voltage( Nominal frequenc Prospective current, External earth fau	5): U(1) 400 y, f(1) 50 1 fault LIM t LIM	V Hz	U <sub>0</sub> (1) 2:  Notes: (1) by enquiry  (2) by enquiry  measurement (3) where mo	or by re than cord	BS(EN) Type R:	88	Protective	Device(s)
System 1 TN-S TN-C-S TN-C	N/A N/A	1-phase (2 wire)	A.c. N/A N/A	1-phase (3 wire)	ve Conduct	d.c. 2 pole 3 pole	N/A N/A	Nominal Voltage( Nominal frequenc Prospectiv current,	5): U(1) 400 50 1 fault 1 p <sub>r</sub> (2 3) LIM 1 t 1 t LIM 2 r of 1	V Hz kA	U <sub>0</sub> (1) 2: Notes: (1) by enquiry measurement (3) where mo one supply, re the higher or invalues	or by re than cord nighest	BS(EN) Type R: SI Ca	88 II ated curren	Protective	Dévice(s)
TN-S TN-C-S TN-C TN-C	N/A  N/A  N/A  N/A  N/A	1-phase (2 wire) 2-phase (3 wire) 3-phase (3 wire)	Numbe a.c. N/A N/A N/A	1-phase (3' wire) 3-phase (4' wire)	ve Conduct N/A	d.c. 2 pole 3 pole other	N/A N/A N/A	Nominal Voltage( Nominal frequenc Prospective current, External earth fau loop impendance, Z Numb sourc	y, f(1) 50  fault LIM t e(213) 1  er of 1	V Hz kA Ω	U <sub>0</sub> (1) 2:  Notes: (1) by enquiry (2) by enquiry measurement (3) where min the higher or i values (4) by measure	or by re than cord nighest	BS(EN) Type R: SI Ca	88  II ated current cort-circuit pracity	Protective  at 100	Dévice(s) A
TN-S TN-C-S TN-C TT IT L. PA	N/A  N/A  N/A  N/A  N/A	1-phase (2'wire) 2-phase (3'wire) 3-phase (3'wire) Other	Numbe a.c. N/A N/A N/A	er and Type of Li 	ve Conduct N/A	d.c. 2 pole 3 pole other	N/A N/A N/A	Nominal Voltage( Nominal frequenc Prospective current, External earth fau loop impendance, Z Numb	t ter details, a	V Hz kA Ω	U <sub>0</sub> (1) 2:  Notes: (1) by enquiry (2) by enquiry measurement (3) where min the higher or i values (4) by measure	or by re than cord nighest	BS(EN) Type R: SI Ca	88  II ated current cort-circuit pracity	Protective  at 100	Dévice(s) A
TN-C-S TN-C-TT IT L. PA	N/A N/A N/A N/A N/A RTICUI	1-phase (2'wire) 2-phase (3'wire) 3-phase (3'wire) Other	Number a.c.  N/A  N/A  N/A  N/A  N/A	1-phase (3' wire) 3-phase (4' wire)	ve Conduct N/A	d.c. 2 pole 3 pole other	N/A N/A N/A	Nominal Voltage( Nominal frequenc Prospectiv current, External earth fau loop impendance, Z Numb sourc	t ter details, a	V Hz kA Ω	U <sub>0</sub> (1) 2:  Notes: (1) by enquiry (2) by enquiry measurement (3) where min the higher or i values (4) by measure	or by re than cord nighest	BS(EN) Type R: SI Ca	88  II ated current cort-circuit pracity	Protective  at 100	Dévice(s) A
TN-C-S TN-C-S TN-C TT IT L. PA Means Dist	N/A N/A 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  N/A  N/A  N/A  (eg rod	1-phase (3 wire) 3-phase (4 wire)  ALLATION Type:	N/A  AT THE	d.c. 2 pole 3 pole other	N/A N/A N/A 7	Nominal Voltage( Nominal frequenc Prospective current, External earth fau loop impendance, Z Numb sourc	t ter details, a	V Hz kA Ω	U <sub>0</sub> (1) 2:  Notes: (1) by enquiry (2) by enquiry measurement (3) where min the higher or i values (4) by measure	or by re than cord nighest	BS(EN) Type R: SI Ca	88  II ated current cort-circuit pracity	Protective  at 100	Dévice(s) A
TN-C-S TN-C-S TN-C TT IT L. PA Means Dist earth el	N/A 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	a.c. N/A N/A N/A N/A INST	1-phase (3 wire)  3-phase (4 wire)  ALLATION  Type: (s),tape etc) Electrode istance, R <sub>A</sub> :	N/A  AT THE	d.c. 2 pole 3 pole other	N/A N/A N/A N/A n/A n/A	Nominal Voltage( Nominal frequence Prospective current, External earth fau loop impendance, Z Numb source fick boxes and en in Earth Electrode (vertical took of surement: N/A	t fault ter details, a there applicable	V Hz kA Ω	U <sub>0</sub> (1) 2:  Notes: (1) by enquiry (2) by enquiry measurement (3) when the higher or ivalues (4) by measurement (4) by measurement (5) when the higher or ivalues (6) by measurement (7) when the higher or ivalues (1) by measurement (1) when the higher or ivalues (1) by measurement (1) when the higher or ivalues (2) when the higher or ivalues (3) when the higher or ivalues (4) when the higher or ivalues (5) when the higher or ivalues (6) when the higher or ivalues (6) when the higher or ivalues (7) when the higher or ivalues (8) when the higher or ivalue	or by  re than cord ighest  rement	BS(EN) Type R: Si Ca Confirm Supply	88  II ated current cu	nt 100	A kA (🗸)
TN-C-S TN-C-S TN-C TT IT L. PA Means Dist	N/A  N/A  N/A  N/A  N/A  RTICUI of Earthing ributor's facility: stallation ectrode: Main Swit	1-phase (2 wire) 2-phase (3 wire) 3-phase (3 wire) Other	a.c. N/A N/A N/A N/A INST	1-phase (3 wire)  3-phase (4 wire)  ALLATION  Type: (s),tape etc) Electrode istance, R <sub>A</sub> :	N/A  AT THE	d.c. 2 pole 3 pole other	N/A N/A N/A N/A  Tof Installation  Earthic	Nominal Voltage( Nominal frequence Prospective current, External earth fau loop impendance, Z Numb source ick boxes and en a Earth Electrode (w Location: N/A Wethod of surement: N/A	y, f(1) 50  I fault LIM  t e(2(3) LIM  er of 1  ter details, a  where applicable  Main prot Conductor	V Hz kA Ω	Notes: (1) by enquiry (2) by enquiry measurement (3) where ma one supply, re the higher or i values (4) by measu	or by  re than cord ighest  rement	BS(EN) Type Rica Confirm Supply	88  II ated current cu	nt 100	A kA (✓)
TN-C-S TN-C-S TN-C TT IT IT L. PA Means Dist lns earth el Type: BS(EN) No of	N/A  N/A  N/A  N/A  N/A  RTICUI of Earthing ributor's facility: stallation ectrode: Main Swit	1-phase (2 wire) 2-phase (3 wire) 3-phase (3 wire) Other	a.c. N/A N/A N/A N/A INST	1-phase (3 wire) 3-phase (4 wire)  ALLATION  Type: (s),tape etc) Electrode etcistance, R <sub>A</sub> :	N/A  AT THE  N/A  N/A  (5)	d.c. 2 pole 3 pole other  ORIGIN Details	N/A N/A N/A N/A  Tof Installatio  Earthic Conductor material Conductor	Nominal Voltage( Nominal frequence Prospective current, External earth fau loop impendance, Z Numb source ick boxes and en a Earth Electrode (w Location: N/A Wethod of surement: N/A	y, f(1) 50  I fault LIM  t e(2(3) LIM  er of 1  ster details, a  where applicable  Main prot Conductor material Conductor	V Hz kA Ω sapprope arthing Copp	Notes: (1) by enquiry (2) by enquiry measurement (3) where ma one supply, re the higher or i values (4) by measu	or by  re than cord ighest  rement	BS(EN) Type Rical Confirm Supply  Grant Conductor Supply	88  II  ated current or circuit apacity nation of polarity  attors anding of ex	nt 100  80  xtraneous-co Servi	A kA (~)
TN-C-S TN-C-S TN-C TT IT L. PA Means Dist Ins earth el Type: BS(EN) No of Poles	N/A  N/A  N/A  N/A  N/A  RTICUI  of Earthing ributor's facility: stallation ectrode:  Main Swit	1-phase (2 wire) 2-phase (3 wire) 3-phase (3 wire) Other  LARS OF N/A ch or Circuit	A.C.  N/A  N/A  N/A  INST  (eg rod  res	1.phase (3 wire) 3.phase (4 wire)  Type: (s),tape etc) Electrode eistance, RA:  Voltage rating Rated	N/A  AT THE  N/A  N/A  (s)	d.c. 2 pole 3 pole other  ORIGIN Details  V A mA	N/A N/A N/A N/A N/A  Tof Installatio  The action ac	Nominal Voltage( Nominal frequence Prospective current, External earth fau loop impendance, Z Numb source  Tick boxes and en in Earth Electrode (v Location: N/A Wethod of surement: N/A	t doubt limber of large limber limber of large limber l	V Hz kA Ω sapprope arthing Copp	U <sub>0</sub> (1) 2:  Notes: (1) by enquiry (2) by enquiry measurement (3) where mo one supply, re the higher or i values (4) by measu  oriate  and protect ling conductor er	or by  re than cord inghest  ement  ive bondin s  Wat Servi	BS(EN) Type Rical Confirmation Supply  g conduction Better Ce Oil N/	88 II ated current ort-circuit pacity nation of polarity attors anding of ex	nt 100  80  xtraneous-co Servi	nductive-parts (*) as × ral eel
TN-C-S TN-C-S TN-C TT IT L. PA Means Dist lns earth el Type: BS(EN) No of	N/A  N/A  N/A  N/A  N/A  RTICUI  of Earthing ributor's facility facility tallation ectrode: Main Swit	1-phase (2 wire) 2-phase (3 wire) 3-phase (3 wire) Other  LARS OF N/A ch or Circuit	A.C.  N/A  N/A  N/A  INST  (eg rod  res	1.phase (3 wire) 3.phase (4 wire)  ALLATION  Type: (s),tape etc) Electrode etcistance, RA:  r  Voltage rating Rated current,In	N/A  AT THE  N/A  N/A  (s)	d.c. 2 pole 3 pole other  ORIGIN Details  V A mA	N/A N/A N/A N/A  Tof Installatio  Earthic Conductor material Conductor csa	Nominal Voltage( Nominal frequence Prospective current, External earth fau loop impendance, Z Numb source  ick boxes and en in Earth Electrode (v Location: N/A Wethod of Surement: N/A  very conductor Copper	y, f(1) 50  I fault LIM  t e(2(3) LIM  er of 1  ter details, a  where applicable  Main prot Conductor material Conductor csa	V Hz kA Ω s apprope e) arthing Copp 16	U <sub>0</sub> (1) 2:  Notes: (1) by enquiry (2) by enquiry measurement (3) where mi one supply, re the higher or I values (4) by measur  oriate  and protect ling conductor er  mm²	or by re than cord ighest ement  ive bondin s Wat Servi	BS(EN) Type R: Sic Confirm supply	88 II ated current ort-circuit pacity nation of polarity attors anding of ex	nt 100  80  xtraneous-co Servi	nductive-parts (*) as × ral eel



INSP	ECTION SCHEDULE FOR DISTRIBUTION BOARDS AND CIRCUITS †		
ltem	Description	Outcome *	Location reference
.0 Con	dition/adequacy of distributor's/supply intake equipment		
.1	Service cable	<b>✓</b>	
1.2	Service cut-out/fuse(s)	<b>✓</b>	
.3	Meter tails - distributor	<b>✓</b>	
1.4	Meter tails - consumer	<b>✓</b>	
1.5	Metering equipment	<b>✓</b>	
.6	Means of main isolation (where present)	~	
2.0	Presence of adequate arrangements for parallel or switched alternative sources	N/A	
3.0	Automatic disconnection of supply		
	earthing and bonding arrangements		
. r widi	* Presence and condition of distributor's earthing arrangement	<b>✓</b>	
	* Presence and condition of earth electrode arrangement	N/A	
	* Adequacy of earthing conductor size	•	
	* Adequacy of earthing conductor connections	·	
	* Accessibility of earthing conductor connections	~	
	* Adequacy of main protective bonding conductor size(s)	C2	Section F
	* Adequacy of main protective bonding conductor connections	LIM	
	* Accessibility of main protective bonding connections	<b>→</b>	
	* Provision of earthing/bonding labels at all appropriate locations	<b>→</b>	
3.2 FEL			
	* Source providing at least simple separation	N/A	
	* Plugs, socket-outlets and the like not interchangeable with those of other systems within the premises	<b>✓</b>	
3.3 Red	uced low voltage		
	* Adequacy of source	N/A	
	* Plugs, socket-outlets and the like not interchangeable with those of other systems within the premises	N/A	
.0 Oth	er methods of protection (where the methods of protection listed below are employed,details should be provided on separate sheets)		
l.1	Double insulation	•	
.2	Reinforced insulation	N/A	
.3	Use of obstacles	N/A	
.4	Placing out of reach	N/A	
l.5	Non-conducting location	N/A	
l.6	Earth-free local equipotential bonding	N/A	
.7	Electrical separation for more than one item of equipment	N/A	
		N/A	
5. <b>U Dist</b> 5.1	ribution equipment  Adequacy of working space/accessibility of equipment	~	
5.2			
	Security of fixing	•	
i.3	Condition of insulation of live parts	· ·	
i.4	Adequacy/security of barriers	<b>V</b>	
5.5	Condition of enclosure(s) in terms of IP rating	<b>~</b>	
5.6	Condition of enclosure(s) in terms of fire rating	•	
5.7	Enclosure not damaged/deteriorated so as to impair safety	<b>✓</b>	
. 0	Presence of main switch(es), linked where required	·	
	Operation of main switch(es) (functional check)	~	
5.8 5.9			
	Correct identification of circuit protective devices	<b>~</b>	
5.9	Correct identification of circuit protective devices  Adequacy of protective devices for prospective fault current	<b>∨</b>	

* AII	<b>Boxes</b> must	he	comn	leted
	DUNGS IIIUSL	ыc	CUIIID	ıcıcu

'V' indicates Acceptable condition
'LIM' indicates a limitation
'N/A' indicates Not applicable

Unacceptable conditionstate C1 or C2
Improvement recommended state C3
Further investigation required state 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.



em	Description	Outcome *	Location reference
5.13	RCD(s) provided for additional protection - includes RCBOs	C3	Section F
5.14	RCD(s) provided for protection against fire - includes RCBOs	LIM	
5.15	Manual operation of circuit-breakers and RCDs to prove disconnection	~	
5.16	Presence of RCD retest notice at or near equipment where required	<b>~</b>	
5.17	Presence of diagrams, charts or schedules at or near equipment where required	C2	See Observations
5.18	Presence of non-standard (mixed) cable colour warning notice at or near equipment where required	N/A	
5.19	Presence of alternative supply arrangement warning notice(s) at or near equipment where required	N/A	
5.20	Presence of replacement next inspection recommendation label	<b>~</b>	
5.21	Presence of other required labelling (specify)	C3	Section F
5.22	Examination of protective device(s) and base(s); correct type and rating (no signs of unacceptable thermal damage, arcing or overheating)	C2	See Observations
5.23	Protection against mechanical damage where cables enter equipment	~	
5.24	Protection against electromagnetic effects where cables enter metallic enclosures	V	
		<u>`</u>	-
	tribution/final circuits		
3.1	Identification of conductors	~	
3.2	Cables correctly supported throughout their length	~	
3.3	Condition of insulation of live parts	~	
6.4	Non-sheathed cables protected by enclosure in conduit, duct or trunking	C2	Section F
6.5	Suitability of containment systems for continued use (including flexible conduit)	~	
6.6	Cables correctly terminated in enclosures (indicate extent of sampling in Section D of report)	~	
6.7	Examination of cables for signs of unacceptable thermal and mechanical damage/deterioration	<b>~</b>	
6.8	Adequacy of cables for current-carrying capacity with regard to the type and nature of installation	LIM	
.9	Adequacy of protective devices; type and rated current for fault protection	~	
3.10	Presence and adequacy of circuit protective conductors	C2	See Observations
3.11	Co-ordination between conductors and overload protective devices	N/A	
3.12	Cable installation methods/practices appropriate to the type and nature of installation and external influences	LIM	
6.13	Cables where exposed to direct sunlight, of a suitable type	LIM	
3.14	Concealed cables installed in prescribed zones (see extent and limitations)	V	
3.15	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)		
5.16	Provision of additional protection by 30 mA RCD for cables concealed in walls or partitions	N/A	
3.17	Provision of additional protection by 30 mA RCD		
	* Where reasonably likely to be used to supply mobile equipment for use outdoors	LIM	
	* For all socket-outlets of rating 20 A or less provided for use by ordinary persons	C3	See Observations
6.18	Provision of fire barriers, sealing arrangements and protection against thermal effects	LIM	
3.19	Band II cables segregated/separated from Band I cables	C3	See Observations
6.20	Cables segregated/separated from non-electrical services	LIM	
3.21	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	<b>~</b>	
	* Adequacy of connection at point of entry to enclosure (gland, bush or similar)	<u> </u>	
6.22	General condition of wiring systems	<b>~</b>	
6.23	Temperature rating of cable insulation	LIM	
6.24	Condition of accessories including socket-outlets, switches and joint boxes		
6.25	Suitability of accessories for external influences	LIM	

\* All Boxes must be completed

indicates**Acceptable 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)

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
sola	rtion and switching		
	tors		
	* presence and condition of appropriate devices	~	
	* acceptable location	<b>~</b>	
	* capable of being secured in the OFF position	<b>~</b>	
	* correct operation verified	LIM	
	* clearly identified by position and/or durable marking(s)	<b>✓</b>	
	* Warning label posted in situations where live parts cannot be isolated by the operation of a single device	N/A	
2 Swit	ching off for mechanical maintenance		
	* presence and condition of appropriate devices	~	
	* acceptable location	<b>~</b>	
	* capable of being secured in the OFF position	<b>~</b>	
	* correct operation verified	LIM	
	* clearly identified by position and/or durable marking(s)	<b>~</b>	
3 Eme	rgency switching/stopping	****	
	* presence and condition of appropriate devices	N/A	
	* readily accessible for operation where danger might occur	N/A	
	* correct operation verified	N/A	
	* clearly identified by position and/or durable marking(s)	N/A	
4 Fun	ctional switching		
	* presence and condition of appropriate devices	~	
	* correct operation verified	<b>~</b>	
.0 Cur	ent-using equipment (permanently connected)		
.1	Condition of equipment in terms of IP rating	<b>✓</b>	
.2	Equipment does not constitute a fire hazard	~	
3	Enclosure not damaged/deteriorated so as to impair safety	~	
.4	Suitability for the environment and external influences	~	
.5	Security of fixing	~	
	Cable entry holes in coiling above luminaires sized or spaled so as to restrict the enread of fire lindicate extent of compling in Costian D of report)		
.6	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)	~	
	essed luminaires (e.g. downlighters)		
	essed luminaires (e.g. downlighters)  * correct type of lamps fitted	N/A	
	* correct type of lamps fitted  * installed to minimise build-up of heat by use of fire rated fittings,insulation displacement box or similar	N/A N/A	
	* 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	N/A N/A N/A	
	* correct type of lamps fitted  * installed to minimise build-up of heat by use of fire rated fittings,insulation displacement box or similar	N/A N/A	
.7 Rec	* 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	N/A N/A N/A	
	* 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	N/A N/A N/A	
.7 Rec	* 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  * tion(s) containing a bath or shower	N/A N/A N/A	
.7 Rec .0 Loca .1	* 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  * tion(s) containing a bath or shower  Additional protection for all low voltage (LV) circuits by RCD not exceeding 30 mA	N/A N/A N/A N/A	
.7 Rec	* 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  * tion(s) containing a bath or shower  Additional protection for all low voltage (LV) circuits by RCD not exceeding 30 mA  Where used as a protective measure, requirements for SELV or PELV are met	N/A N/A N/A N/A	
.7 Rec	* 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  * tion(s) containing a bath or shower  Additional protection for all low voltage (LV) circuits by RCD not exceeding 30 mA  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	N/A N/A N/A N/A N/A N/A N/A	
7 Rec  0 Loca 1 2 3 4 5	* 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  * tion(s) containing a bath or shower  Additional protection for all low voltage (LV) circuits by RCD not exceeding 30 mA  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  Presence of supplementary bonding conductors unless not required by BS 7671: 2008	N/A N/A N/A N/A N/A N/A N/A N/A N/A	
.7 Rec	* 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  * tion(s) containing a bath or shower  Additional protection for all low voltage (LV) circuits by RCD not exceeding 30 mA  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  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	N/A	
.7 Rec	* 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  * tion(s) containing a bath or shower  Additional protection for all low voltage (LV) circuits by RCD not exceeding 30 mA  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  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	N/A	
	* 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  * tion(s) containing a bath or shower  Additional protection for all low voltage (LV) circuits by RCD not exceeding 30 mA  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  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 current-using equipment for a particular zone  Suitability of current-using equipment for a particular position within the location	N/A	
	* 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  * tion(s) containing a bath or shower  Additional protection for all low voltage (LV) circuits by RCD not exceeding 30 mA  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  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	N/A	

\* All Boxes must be completed

indicates**Acceptable 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)

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.



## **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:		Supply to distribution board is from:				No of phases:	Nominal voltage:	V			
		Overcurrent protective de	evice for the distribution circuit:		Ass RCD (if any): I	ociated BS(EN)					
Distribution board designation:	DB001	Type: BS(EN)		Rating:	A	RCD No of poles:	l∆n	mA			

	Circuit designation	cuit				Cir conduc	cuit tors: csa	ion	Overc	urrent prote	ective devic	es	RCD	7671
Circuit number and phase		D = Distribution circuit F = Final circuit	Type of wiring (see code)	Reference method	Number of points served	Live (mm²)	cpc (mm²)	Max. disconnection time permitted by BS 7671	BS (EN)	Type No	(Y) Rating	স Short-circuit স capacity	© Operating © current, l∆n	(S) Maximum Zs Permitted by BS 767
*		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

<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

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/ cables	Mineral- insulated cables				

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# SCHEDULE OF TEST RESULTS FOR THE PRIMARY DISTRIBUTION BOARD

					TEST F	RESULTS
		F THE DISTRIBUTION BOA The Origin of the Ins		NNECTED		Test instruments (serial numbers) used:
	Characte	eristics at this distribu	tion board			
	Confirm	nation of supply polari	ty		Earth fault loop impedance	RCD
* See note below					Insulation	Multi
Z <sub>S</sub> *	Ω	Operating times of associated	At I∆n	ms	resistance	Multi function
I <sub>pf</sub> *	kA	RCD (if any)	At 5l∆n	ms	Continuity	Other

-a		Ci	ircuit impeda (Ω)	nces			Insulation r	esistance		Polarity	Maximum measured earth fault loop impedance, Z <sub>S</sub>	RCD operating times		Test
Circuit number and phase	Rin (me	g final circuits easured end to	s only end)	All c (At least to be co	All circuits (At least one column to be completed)		Line/Neutral †	Line/Earth †	Neutral/Earth		impedance, Z <sub>S</sub> *See note below	at l∆n	at 5l∆n (if applicable)	Test button operation
S	r₁ (Line)	r <sub>n</sub> (Neutral)	r <sub>2</sub> (cpc)	R <sub>1</sub> + R <sub>2</sub>	$R_2$	(MΩ)	(MΩ)	(MΩ)	(ΜΩ)	(~)	(Ω)	(ms)	(ms)	(4)
*	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A		N/A	N/A	N/A	

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

TESTED BY	
Signature:	Position:
Name: (CAPITALS)	Date of testing:

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Station Street West Business Park Coventry CV6 5BP

# **Distribution Equipment List**



Electrical Testing & Maintenance Tel: (02476) 668592 Fax (02476) 668593

Reference No.	. D/B Name/Identification	Location	Manufacturer
6126811	DB 2	Market Hall	Merlin Gerin
6126812	DB BRD 001	Mains Room	Merlin Gerin

Test Instruments Used:

Description

Serial No.



# **Circuit Chart**

7	თ	5	4	ω	2	_	N <sub>o</sub>	Ref N D/B Id Locatic
							No. Line	Ref No. D/B Id Location
Spare	Circuit Not Tested	Power: Sockets On Road Side & Rear Wall & Kitchenette	Power: RH Side Of DB & Rear Wall	Power: Fused Spur For Water Boiler Adjacent DB	Circuit Not Tested	Circuit Not Tested		. 6126811 DB 2 Market Hall
		ъ	2				No. of Points	
		4293/2	4293/2	3871/2			Device Type	
		20	20	16			Rating Amps	Date
		2.5	2.5	1.5			Live mm <sup>2</sup>	Date 16/08/2012
		N/A	N/A	N/A			CPC mm²	/2012
		D/B	D/B	D/B			Cable Type See Below	

	cables	PVC/PVC	Α
conduit	metallic	PVC cables in	В
conduit	non-metallic	PVC cables in	ဂ
trunking	metallic	PVC cables in	0
trunking	non-metallic	PVC cables in	m
	cables	PVC/SWA	п
	cables	XLPE/SWA	മ
cables	insulated	Mineral	I
		Other	0

Station Street West Business Park Coventry CV6 5BP

# **Schedule of Test Results**



Electrical Testing & Maintenance Tel: (02476) 668592 Fax (02476) 668593

 Ref No.
 6126811
 Location D/B Id
 Market Hall DB 2
 Lines 1 Ways 7
 1 Zs/DB 0.17

Way	Line	Circuit Description	Circuit Type	Volts	Max Disco-	No. of	Type of Fuse or	Rating (Amps)	Breaking Capacity	permit-	RCD Rating		Conductors (mm²)	Cor	Ring ntinuity	(R1+R2) (ohms)	Insulation		S	RCE	Oper	ating	Pol- arity	Date Inspected
					nnect Time (secs)	Points	MCB (BS No.)		(kA)	ted Zs	(mA)	(for descript	ion of cable types see able below)	9			$(M\Omega)$			x 1	x 5	RCD Button O.K.	O.K.	/ Tested
1		Circuit Not Tested										Live Earth	Type Type	L N E			L-L L-N L-E N-E							
2		Circuit Not Tested										Live Earth	Type Type	L N E			L-L L-N L-E N-E							
3		Power: Fused Spur For Water Boiler Adjacent DB	Radial	230	0.4	1	3871/2	16	9	1.64	N/A	Live 1.5 Earth N/A	Type D/B Type MF	L N E	N/A N/A N/A	0.09		0	24 1	V/A	N/A	N/A	Y	16/08/12
4		Power: RH Side Of DB & Rear Wall	Ring	230	0.4	2	4293/2	20	9	1.31	30	Live 2x2.5 Earth N/A	<b>Type</b> D/B <b>Type</b> MF	L N E	0.59 0.59 LIM		L-L N/ L-N 20 L-E 20 N-E 20	0	39 1	3.8	16.7	Υ	Υ	16/08/12
5		Power: Sockets On Road Side & Rear Wall & Kitchenette	Ring	230	0.4	5	4293/2	20	9	1.31	30	Live 2x2.5 Earth N/A	Type D/B Type MF	L N E	0.58 0.58 LIM	0.51		0	68 2	9.6	15.8	Υ	Y	16/08/12
6		Circuit Not Tested										Live Earth	Type Type	L N E			L-L L-N L-E N-E							
7		Spare										Live Earth	Туре	L N E			L-L L-N L-E N-E							

Α	В	С	D	E	F	G	Н	0
PVC/PVC cables	PVC cables in metallic	PVC cables in	PVC cables in metallic	PVC cables in	PVC/SWA cables	XLPE/SWA cables	Mineral insulated	Other
	conduit	non-metallic conduit	trunking	non-metallic trunking			cables	

Station Street West Business Park Coventry CV6 5BP

# **Observations / Recommendations**



**Electrical Testing & Maintenance** Tel: (02476) 668592 Fax (02476) 668593

Ref No	6126811	Location D/B Id	Market Hall DB 2	Lines Ways		PFC Zs/DB	1.37 0.17
No.	Description of Fault				Category	Inves	rther tigation quired
1	There is no circuit chart p	resent.			C2		
2	There is no proven earth	link between ma	in earth nut and earth bar within the DB.		C2		
3	ELV cable has not been s	seperated from I	V cable within trunking.		C3		
4	Trunking lid is missing fro	om above the DE	s exposing sheathed cable to potential mechanical damage.		C2		
5	Circuit 4L1				С3		

"Danger Present". Risk of injury. Immediate remedial action required. C1

"Potentially Dangerous". Urgent remedial action required. C2

C3 "Improvement Recommended".

Additional protection, by 30mA RCD for sockets of 20Amp or less, for use by ordinary persons has not been provided.

Where further investigation is required, the observation must be dealt with as a matter of urgency. Further Investigation Required

# + - \(\deq\) LANGSTON JONES Electrical Testing & Maintenance Tel: (02476) 668592 Fax (02476) 668593

# **Circuit Chart**

Motor Room 1 60947/2 15 25.0 N/A 126813) 1 60947/2 15 25.0 N/A	Ref N D/B Id Locatio	Ref No. D/B Id Location	DB BRD 001 Mains Room			Date	Date 16/08/2012	2012	
L1 Circuit Not Tested  L2 Supply To DB Lift Motor Room  1 60947/2 15 25.0 N/A  L3 Supply To DB 1 (6126813)  1 60947/2 15 25.0 N/A  L1 Circuit Not Tested  L2 Circuit Not Tested  L3 Circuit Not Tested  L1 Circuit Not Tested	No.	Line	Description	No. of Points	Device Type	Rating Amps	Live mm <sup>2</sup>	CPC mm²	Cable Type See Below
L2       Supply To DB Lift Motor Room       1       60947/2       15       25.0       N/A         L3       Supply To DB 1 (6126813)       1       60947/2       15       25.0       N/A         L1       Circuit Not Tested       1       60947/2       15       25.0       N/A         L2       Circuit Not Tested       1       60947/2       15       25.0       N/A         L3       Circuit Not Tested       1       60947/2       15       25.0       N/A         L13       Circuit Not Tested       1       60947/2       15       25.0       N/A         L12       Circuit Not Tested       1       60947/2       15       25.0       N/A         L1       Circuit Not Tested       1       60947/2       15       25.0       N/A         L2       Spare	_	11	Circuit Not Tested						
L1 Circuit Not Tested  L2 Circuit Not Tested  L3 Circuit Not Tested  L1 Circuit Not Tested  L3 Circuit Not Tested  L1 Circuit Not Tested  L1 Spare	_	[2	Supply To DB Lift Motor Room	_	60947/2	15	25.0	N/A	П
L1 Circuit Not Tested  L2 Circuit Not Tested  L3 Circuit Not Tested  L1 Circuit Not Tested  L1 Circuit Not Tested  L1 Circuit Not Tested  L2 Spare	_	<u> </u>	Supply To DB 1 (6126813)	_	60947/2	15	25.0	N/A	
L1 L2 L2 L3 L3	N	ニ	Circuit Not Tested						
L2 L2 L3 L3		-							
L2 L1 L3	N	7	Circuit Not l'ested						
L123	2	L3	Circuit Not Tested						
[	ω	L123	Circuit Not Tested						
<u>ت</u> 5	4	[1	Circuit Not Tested						
L3	4		Spare						
	4		Spare						

	cables	PVC/PVC	⊳
conduit	metallic	PVC cables in	В
conduit	non-metallic	PVC cables in	റ
trunking	metallic	PVC cables in	D
trunking	non-metallic	PVC cables in	m
	cables	PVC/SWA	П
	cables	XLPE/SWA	Ω
cables	insulated	Mineral	I
		Other	0

Station Street West Business Park Coventry CV6 5BP

# **Schedule of Test Results**



**Electrical Testing & Maintenance** Tel: (02476) 668592 Fax (02476) 668593

Mains Room Lines Location 5.40 PFC **Ref No.** 6126812 D/B Id **DB BRD 001** Zs/DB 0.09 Ways

Way no.	Line		Circuit Description	Circuit Type	Volts	Max Disco- nnect	No. of Points	Type of Fuse or MCB	Rating (Amps)	Breaking Capacity (kA)	Max permit- ted	RCD Rating	Conductors (mm²) (for description of cable types see	Cont		(R1+R2) (ohms)	Insulation Resistan (MΩ)	ce	Zs		D Oper		Pol- arity O.K.	Date Inspected / Tested
						Time (secs)	Points	(BS No.)		(KA)	Zs	(IIIA)	table below)	3			(IVI S2)			x 1		RCD Button O.K.	U.K.	/ Tested
1	L1	Circuit Not Te	ested										Live Type Earth Type	L N E			L-L L-N L-E N-E							
1	L2	Supply To DE	3 Lift Motor Room	Radial	230	5.0	1	60947/2	15	15	1.75	N/A	25 F <b>Earth Type</b> N/A CS	L N E	N/A N/A N/A	0.04	L-L N L-N 2 L-E 2	/A 00 00 00	0.15	N/A	N/A	N/A	Y	16/08/12
1	L3	Supply To DE	3 1 (6126813)	Radial	230	5.0	1	60947/2	15	15	1.75	N/A	25 F <b>Earth Type</b> N/A CS	L N E	N/A N/A N/A		L-N 2 L-E 2	/A 00 00 00	0.11	N/A	N/A	N/A	Y	16/08/12
2	L1	Circuit Not Te	ested										Live Type Earth Type	L N E			L-L L-N L-E N-E							
2	L2	Circuit Not Te	ested										Live Type Earth Type	L N E			L-L L-N L-E N-E							
2	L3	Circuit Not Te	ested										Live Type Earth Type	L N E			L-L L-N L-E N-E							
3	L123	Circuit Not Te	ested										Live Type Earth Type	L N E			L-L L-N L-E N-E							
4	L1	Circuit Not Te	ested										Live Type  Earth Type	L N E			L-L L-N L-E N-E							
4	L2	Spare											Live Type Earth Type	L N E			L-L L-N L-E N-E							
F	PVC/P	A VC cables	B PVC cables in metallic conduit	PVC ca non-metall	bles in			D bles in m trunking	etallic		E C cable etallic tr		F PVC/SWA cables	XLF		G VA cable	es N		H al insu cables				O Othe	r

Station Street West Business Park Coventry CV6 5BP

# **Schedule of Test Results**



Electrical Testing & Maintenance Tel: (02476) 668592 Fax (02476) 668593

 Ref No.
 6126812
 Location D/B Id
 Mains Room D/B Id
 Lines Som D/B Id
 3 Ways
 PFC S.40 Ways
 5.40 Som D/B Id

Innect Time (secs)   Points   MCB (BS No.)   MCB	- 1	Vay	Line	Circuit Description	Circuit Type	Max Disco-	No. of		Breaking Capacity		RCD Rating		Ring Continuity	(R1+R2) (ohms)	Insulation Resistance	Zs	RCD	Operating	Pol- arity	Date Inspected
4 L3 Spare  Live Type L L-L N L-N					.,,,,,,	nnect Time		MCB		ted	(mA)	(for description of cable types see		(55)			x 1	x 5 Butto	O.K.	/ Tested
		4	L3	Spare Spare		` ′						Live Type	L		L-L		(ms)	ms) 0.k		
												Earth Type	N		L-E					

		A PVC/PVC cables	B PVC cables in metallic conduit	C PVC cables in non-metallic conduit	D PVC cables in metallic trunking	E PVC cables in non-metallic trunking	F PVC/SWA cables	G XLPE/SWA cables	H Mineral insulated cables	O Other
--	--	---------------------	--	--------------------------------------	---	---------------------------------------	---------------------	----------------------	----------------------------------	------------

Station Street West Business Park Coventry CV6 5BP

# **Observations / Recommendations**



**Electrical Testing & Maintenance** Tel: (02476) 668592 Fax (02476) 668593

Ref No.	6126812	Location D/B ld	Mains Room DB BRD 001	Lines 3 Ways 6		PFC Zs/DB	5.40 0.09
							ther igation
No.	Description of Fault				Category	/ Requ	uired

No.	Description of Fault	Category	Required
1	Cable entry hole in trunking below DB.	C2	
2	Redundant cables are present within the DB.	C3	
3	Main switch liveside feed to fire alarm is not labelled.	C3	
4	Main switch has no ID colours on incoming cables.	C3	
5	Screw is missing from main switch cover.	C3	
6	Bond in old plantroom is not connected. Unable to verify designation.	C2	
7	Bonding cables terminated to the main earth terminal have no designation.	C3	
8	Circuit 4L1 The rating of the circuit protective device is greater than the rated current carrying capacity of the cable that it is protecting.	C2	

"Danger Present". Risk of injury. Immediate remedial action required. "Potentially Dangerous". Urgent remedial action required. C1

C2

"Improvement Recommended".

Where further investigation is required, the observation must be dealt with as a matter of urgency. Further Investigation Required