

CP 14940

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DETAILS OF THE CLIENT

Client: AMEC Facilities
Address: 35 Great St Helens, London
EC3A 6HH, .

Purpose for which this Report is required: 5 Year Periodic Inspection

DETAILS OF THE INSTALLATION

Installation: 35 Great St Helens Occupier: AMEC Facilities
Address: 35 Great St Helens, London
EC3A 6HH, .

Description of Premises: Domestic ☐ Commercial ☒ Industrial ☐ Other ☐

Estimated age of the electrical installation: ☐ years

Evidence of alterations or additions: Yes ☐ No ☒ Not apparent ☐

If 'Yes' estimated age: N/A years

Date of last inspection: Not Known Records available: Yes ☐ No ☒

EXTENT AND LIMITATIONS OF THE INSPECTION

Extent of electrical installation covered by this report

Testing of landlords distribution boards where accessible.

Agreed limitation of the inspection and testing

No access to main intake. Unable to verify supply characteristics and earthing arrangements. Ze and IPF by enquiry.

Key = (*) Unable to Test (UTT) Unable to Trace (No Acc) No Access (LIM) See Limitations

This inspection has been carried out in accordance with BS7671:2001(IEE Wiring Regulations), as amended. Cables concealed within trunking and conduits, or cables and conduits concealed under floors, in roof spaces and generally within the fabric of the building or underground have not been inspected.

NEXT INSPECTION

/We recommend that the installation is further inspected and tested after an interval of not more than 5 Years provided that any observations 'requiring urgent attention' are attended to without delay.

DECLARATION

INSPECTED AND TESTED BY:

Name: S.Waker
Position: Electrician
Signature: S.Waker
Date: 6/2/04

For and on
behalf of:

Address:

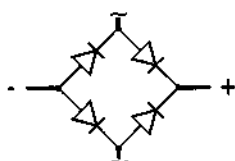
The SCL Group
The SCL Group
Elms House
Church Road
Harold Wood
Romford

NOTES

1. You should have received an original computer generated certificate/report of the type as described on the front, top right.

The certificate/report can be regarded as genuine by the inclusion of the 'compliance' mark, as detailed here, on top of the front page of the certificate.

Compliance mark:



2. The receipt of this certificate signed, addressed and dated by the contractor entitles the client to the relevant guarantee schemes operated by the ECA and SELECT on behalf of their members. Information about this scheme can be obtained from the Head Office of the Electrical Contractors' Association, 34 Palace Court, London W2 4HY. Tel: 020 7313 4800 or SELECT, Bush House, Bush Estate, Midlothian, EH26 0SB. Tel: 0131 445 5577.
3. The signature appended is of the person authorised by the company executing the work of design, construction and/or inspection and testing as appropriate.
4. Where applicable, as indicated, the time interval recommended before the first/next periodic inspection must be inserted (see IEE Guidance Note 3 for guidance).

SUPPLY CHARACTERISTICS AND EARTHING ARRANGEMENTS

System Type(s)	Number and Type of Live Conductors				Nature of Supply Parameters				Supply protective device characteristics	
TN-C <input type="checkbox"/>	a.c. <input checked="" type="checkbox"/>	d.c. <input type="checkbox"/>			Nominal Voltage, U ₀	(1)	400	V	Type	
TN-S <input checked="" type="checkbox"/>	1-Phase, (2 wire) <input type="checkbox"/>	2 Pole <input type="checkbox"/>			Nominal frequency, f	(1)	50	Hz	lim	
TN-C-S <input type="checkbox"/>	2-Phase, (3 wire) <input type="checkbox"/>	3 Pole <input type="checkbox"/>			Prospective fault current, I _{pf}	(2)	0.65	kA	Nominal current rating	
TT <input type="checkbox"/>	3-Phase, (3 wire) <input type="checkbox"/>	Other <input type="checkbox"/>			External loop impedance, Z _e	(2)	0.35	Ω	lim	A
IT <input type="checkbox"/>	3-Phase, (4 wire) <input checked="" type="checkbox"/>									

Note:
(1) by enquiry, (2) by enquiry or measurement

PARTICULARS OF INSTALLATION REFERRED TO IN THE REPORT

Method of protection against indirect contact	Means of Earthing	Maximum Demand		
EEBADOS (See 413-02) <input checked="" type="checkbox"/>	Suppliers facility <input checked="" type="checkbox"/>	Maximum Demand (load) <input type="text"/> A per phase		
OTHER <input type="text"/>	Installation earth electrode <input type="text"/>	Details of Installation Earth Electrode (where applicable)		
		Type (eg rod(s), tape etc)	Location	Electrode resistance to earth <input type="text"/> Ω

Main Protective Conductors				
Earthing Conductor	material	lim	csa	lim mm ²
Main equipotential bonding conductors	material	lim	csa	lim mm ²
To incoming water service <input type="checkbox"/>	To incoming gas service <input type="checkbox"/>	To incoming oil service <input type="checkbox"/>	To structural steel <input type="checkbox"/>	
To lightning protection <input type="checkbox"/>	To other incoming service(s) <input type="checkbox"/>	<input type="text"/>		

Main Switch or Circuit-Breaker					
Type and No of poles	Type LIM - LIM pole	Current rating	LIM A	Voltage rating	LIM V
Location	LIM	Fuse rating or setting	LIM	A	
Rated residual Operating current, I _{Δn}	N/A mA	and operating time of	N/A ms	(applicable only where an RCD is suitable and is used as a main circuit breaker)	

OBSERVATIONS AND RECOMMENDATIONS

Referring to the Schedule(s) of the inspection and test Results, and subject to the limitations specified at the Extent and Limitations of the Inspection section	No Remedial work is required <input checked="" type="checkbox"/>
Recommendation	The following observations are made <input type="text"/>
	code (see below)
<div>1. 'requires urgent attention'</div> <div>2. 'requires improvement'</div> <div>3. 'requires further investigation'</div> <div>4. 'does not comply with BS 7671:2001 (as amended) This does not imply that the electrical installation is unsafe.'</div>	

SUMMARY OF THE INSPECTION

Date of the inspection:	10/01/2004
General condition of the installation:	Unsatisfactory installation.

SCHEDULES

The attached Test Result Schedules are part of this document and this Report is valid only when Test Result Schedules are attached to it. 8 pages of circuit details and test results are attached.

TO BE COMPLETED IN EVERY CASE		ONLY TO BE COMPLETED IF THE DISTRIBUTION BOARD IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION	
Location of distribution board	1st Floor Riser	Supply to distribution board is from	Sub Mains(Tap Off Box, 1/TP)
Distribution board designation	DB LL 2	No of phases	1
		Nominal Voltage	230 V
		Overcurrent protective device for the distribution circuit	
		Type BS(EN)	Unknown
		Rating	100 A
		Associated RCD (if any)	
		BS(EN)	N/A
		RCD No of poles	N/A
		RCD rating, $I_{\Delta n}$	N/A mA

[illegible]

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

ONLY TO BE COMPLETED IF THE DISTRIBUTION BOARD
IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Zs	0.04 Ω	Operating times of associated RCD (if any)	At I Δn	N/A	ms
Ipf	5.16 kA		At 5I Δn (if applicable)	N/A	ms

Earth fault
loop
impedance

4100158

RCD

3366332

Insulation resistance

4108085

Other

N/A

Continuity

4108085

Other

N/A

[illegible]

Signature

Name _____

S. Waker

Position

Electrician

Date of testing

TO BE COMPLETED IN EVERY CASE		ONLY TO BE COMPLETED IF THE DISTRIBUTION BOARD IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION	
Location of distribution board	Ground Floor Riser	Supply to distribution board is from	Sub Mains(Tap Off Box, 2/TP)
Distribution board designation	DB LL 5	No of phases	1
		Nominal Voltage	230 V
		Overcurrent protective device for the distribution circuit	
		Type BS(EN)	Unknown
		Rating	100 A
		Associated RCD (if any)	
		BS(EN)	N/A
		RCD No of poles	N/A
		RCD rating, $I_{\Delta n}$	N/A mA

[illegible]

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

ONLY TO BE COMPLETED IF THE DISTRIBUTION BOARD
IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

TEST INSTRUMENTS (SERIAL NUMBERS) USED

Zs	0.04	Ω	Operating times of associated RCD (if any)	At I Δn	N/A	ms
Ipf	5.64	kA		At 5I Δn (if applicable)	N/A	ms

Earth fault
loop
impedance

4100158

RCD

3366332

Insulation resistance

4104785

☐ Other

N/A

Continuity

4104785

Other

N/A

[illegible]

Signature

Name

Position

Electrician

Date of testing

BOARD DETAILS

TO BE COMPLETED IN EVERY CASE		ONLY TO BE COMPLETED IF THE DISTRIBUTION BOARD IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION	
Location of distribution board	Basement LV Switch	Supply to distribution board is from	Sub Mains(Tap Off Box, 3/TP)
Distribution board designation	DB LL 1	No of phases	3
		Nominal Voltage	230 V
		Overcurrent protective device for the distribution circuit	
		Type BS(EN)	Unknown
		Rating	100 A
		Associated RCD (if any)	
		BS(EN)	N/A
		RCD No of poles	N/A
		RCD rating, $I_{\Delta n}$	N/A mA

CIRCUIT DETAILS

[illegible]

WIRING CODES

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

ONLY TO BE COMPLETED IF THE DISTRIBUTION BOARD
IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

TEST INSTRUMENTS (SERIAL NUMBERS) USED

Zs	0.03 Ω	Operating times of associated RCD (if any)	At I Δn	N/A ms
Ipf	4.83 kA		At 5I Δn (if applicable)	N/A ms

Earth fault
loop
impedance

4100158

RCD

3366332

Insulation resistance

4104785

☐ Other

N/A

Continuity

4104785

Other

N/A

CIRCUIT TESTS

[illegible]

TESTED BY

Signature

Position

Electrician

Name _____

Date of testing

BOARD DETAILS

TO BE COMPLETED IN EVERY CASE		ONLY TO BE COMPLETED IF THE DISTRIBUTION BOARD IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION			
Location of distribution board	Lift Motor Room	Supply to distribution board is from	Sub Mains(Tap Off Box, 4/TP)		Associated RCD (if any)
Distribution board designation	Lift DB	No of phases	3	Nominal Voltage	400 V
		Overcurrent protective device for the distribution circuit			RCD No of poles
		Type BS(EN)	Unknown	Rating	100 A
					RCD rating, $I_{\Delta n}$
					N/A mA

CIRCUIT DETAILS

Circuit number and phase	Circuit designation	Type of wiring	Reference method	No of points served	Circuit conductors csa		Max permitted disconnection time s	Overcurrent protective device				RCD Op. current $I_{\Delta n}$	Max permitted Zs Ω
					Live mm ²	cpc mm ²		BS(EN)	Type No	Rating A	Short circuit capacity kA		
1/R	Lights	BD	3	LIM	1.5	1.5	5	60898 MCB	C	6	10	N/A	4.00
1/Y	Ring	BD	3	LIM	2.5	2.5	0.4	60898 MCB	C	32	10	N/A	0.75
1/B	SPARE	-	-	-	-	-	-	-	-	-	-	-	-
2/R	SPARE	-	-	-	-	-	-	-	-	-	-	-	-
2/Y	SPARE	-	-	-	-	-	-	-	-	-	-	-	-
2/B	SPARE	-	-	-	-	-	-	-	-	-	-	-	-
3/R	SPARE	-	-	-	-	-	-	-	-	-	-	-	-
3/Y	SPARE	-	-	-	-	-	-	-	-	-	-	-	-
3/B	Alarm Spur	BD	3	LIM	2.5	1.5	5	60898 MCB	C	16	10	N/A	1.50
4/R	Lift 1 Shaft Lights	BD	3	LIM	1.5	1.5	5	60898 MCB	C	10	10	N/A	2.40
4/Y	Lift 2 Shaft Lights	BD	3	LIM	1.5	1.5	5	60898 MCB	C	10	10	N/A	2.40
4/B	Lift 1 Shaft Sockets	BD	3	LIM	1.5	1.5	0.4	60898 MCB	C	10	10	N/A	2.40
5/R	Lift 2 Shaft Sockets	BD	3	LIM	1.5	1.5	0.4	60898 MCB	C	10	10	N/A	2.40
5/Y	Lift Car Lights 2	BD	3	LIM	1.5	1.5	5	60898 MCB	C	10	10	N/A	2.40
5/B	Lift Car Lights 1	BD	3	LIM	1.5	1.5	5	60898 MCB	C	10	10	N/A	2.40
6/R	Fan and Heater	BD	3	LIM	2.5	1.5	5	60898 MCB	C	10	10	N/A	2.40
6/Y	SPARE	-	-	-	-	-	-	-	-	-	-	-	-
6/B	SPARE	-	-	-	-	-	-	-	-	-	-	-	-

WIRING CODES

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

BOARD TESTS

ONLY TO BE COMPLETED IF THE DISTRIBUTION BOARD IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

TEST INSTRUMENTS (SERIAL NUMBERS) USED

Zs Ω Operating times of associated RCD (if any) At $I \Delta n$ ms
 Ipf kA At $5I \Delta n$ (if applicable) ms

Earth fault loop impedance

4100158

RCD

3366332

Insulation resistance

4104785

Other

N/A

Continuity

4104785

Other

N/A

CIRCUIT TESTS

Circuit number and phase	Circuit impedances Ω					Insulation resistance				Polarity	Maximum measured earth fault loop impedance Ω	RCD operating times	
	Ring final circuits only (measured end to end)			All circuits (At least one column to be completed)		Phase/Phase	Phase/Neutral	Phase/Earth	Earth/Neutral			At $I \Delta n$	At $5I \Delta n$ (if applicable)
	r_1 (phases)	r_n (Neutral)	r_2 (cpc)	$R_1 + R_2$	R_2	M Ω	M Ω	M Ω	M Ω			ms	ms
1/R	N/A	N/A	N/A	0.06	N/A	N/A	200	200	200	✓	0.10	N/A	N/A
1/Y	0.5	0.5	0.6	0.05	N/A	N/A	200	200	200	✓	0.11	N/A	N/A
1/B	-	-	-	-	-	-	-	-	-	-	-	-	-
2/R	-	-	-	-	-	-	-	-	-	-	-	-	-
2/Y	-	-	-	-	-	-	-	-	-	-	-	-	-
2/B	-	-	-	-	-	-	-	-	-	-	-	-	-
3/R	-	-	-	-	-	-	-	-	-	-	-	-	-
3/Y	-	-	-	-	-	-	-	-	-	-	-	-	-
3/B	N/A	N/A	N/A	0.03	N/A	N/A	200	200	200	✓	0.08	N/A	N/A
4/R	N/A	N/A	N/A	0.03	N/A	N/A	200	200	200	✓	0.07	N/A	N/A
4/Y	N/A	N/A	N/A	0.04	N/A	N/A	200	200	200	✓	0.09	N/A	N/A
4/B	No Acc	No Acc	No Acc	No Acc	No Acc	N/A	No Acc	No Acc	No Acc		No Acc	N/A	N/A
5/R	No Acc	No Acc	No Acc	No Acc	No Acc	N/A	No Acc	No Acc	No Acc		No Acc	N/A	N/A
5/Y	No Acc	No Acc	No Acc	No Acc	No Acc	N/A	No Acc	No Acc	No Acc		No Acc	N/A	N/A
5/B	No Acc	No Acc	No Acc	No Acc	No Acc	N/A	No Acc	No Acc	No Acc		No Acc	N/A	N/A
6/R	N/A	N/A	N/A	0.09	N/A	N/A	200	200	200	✓	0.14	N/A	N/A
6/Y	-	-	-	-	-	-	-	-	-	-	-	-	-
6/B	-	-	-	-	-	-	-	-	-	-	-	-	-

TESTED BY

Signature

Position

Electrician

Name

S.Waker

Date of testing

PERIODIC INSPECTION
REPORT
(BS 7671:2001 as amended)

00003870 - Master

landlord

DETAILS OF THE CLIENT

Client	AMEC Facilities	Address	7/14 Great Dover Street London SE1 4YR
Purpose of this report	5 Year Periodic Inspection.		

DETAILS OF THE INSTALLATION

Occupier	AMEC Facilities	Description of premises	Domestic <input checked="" type="checkbox"/> Commercial <input checked="" type="checkbox"/> Industrial <input checked="" type="checkbox"/>
Address	Exchequer Court 33 St Mary Axe Leadenhall Street London	Other	N/A
Date of previous inspection	Not Known	Estimated age of the electrical installation	10 yrs
Records of installation available	<input checked="" type="checkbox"/>	Evidence of alterations or additions	<input checked="" type="checkbox"/> If yes estimated age N/A yrs
Electrical Installation Certificate No or previous Periodic Inspection Report No	N/A		
Records held by	N/A		

EXTENT AND LIMITATIONS OF THE INSPECTION

Extent of electrical installation covered by this report

Testing of all Distribution Boards where accessible.

Agreed limitation of the inspection and testing

Unable to test some circuits for insulation resistance due to various loads connected on sub-circuits.
Key = (UTT) Unable to Trace (*) Unable to Test (No Acc) No Access.

This inspection has been carried out in accordance with BS7671:2001(IEE Wiring Regulations), as amended. Cables concealed within trunking and conduits, or cables and conduits concealed under floors, in roof space and generally within the fabric of the building or underground have not been inspected.

DECLARATION

I/We, being the person(s) responsible for the inspection and testing of the electrical installation (as indicated by my/our signatures below), particulars of which are described above, having exercised reasonable skill and care when carrying out the inspection and testing, hereby declare that the information in this report, including observations overleaf and the attached schedules, provide an accurate assessment of the condition of the electrical installation taking into account the stated extent of the installation and the limitations of the inspection.

INSPECTION, TESTING AND ASSESSMENT BY:

REPORT REVIEWED AND CONFIRMED BY:

Signature		Signature	
Name	P.Eggleton	Name	
Position	Qualifying Manager		
Date		Date	

No Remedial work is required



The following observations are made



Item No

Code

1	See Defects Report.	1
---	----------------------------	---

1. 'requires urgent attention'

2. 'requires improvement'

3. 'requires further investigation'

4. 'does not comply with BS 7671:2001 (as amended)'

This does not imply that the electrical installation is unsafe.

Urgent Remedial work recommended for Items: 1

Corrective action(s) recommended for Items: N/A

SUMMARY OF THE INSPECTION

General condition of the installation

Satisfactory Installation.

Date(s) of the inspection

07/12/2002

Overall assesment
of the installation

N/A

SCHEDULES AND ADDITIONAL PAGES

Schedule of items inspected and
schedules of items tested:

Page 4

Additional pages, including additional
source(s) data sheets

Pages

NONE

Schedule of Circuit Details for the installation

5 - 39 (odd)

Schedule of Test Results for the installation

6 - 40 (even)

NEXT INSPECTION

We recommend that this installation is further inspected and tested after an interval of not more than

5 Years

Provided that any observations which have been attributed recommendation code 1 (requires urgent attention) are remedied without delay. Observations attributed recommendation code 2 or 3 should be acted on as soon as is practical.

DETAILS OF THE INSPECTION AND TEST COMPANY

Trading Title

SCL Group (London) Limited

Address

Elms House, Elms Ind Park
Church Road
Harold Wood
Essex
RM3 0JU

Telephone
number

0870 872 3370

Fax number

0870 872 2763

Part P Reg No.

011378

SUPPLY CHARACTERISTICS AND EARTHING ARRANGEMENTS

* System Type(s)	* Number and Type of Live Conductors				Nature of Supply Parameters				* Supply protective device characteristics
TN-S <input checked="" type="checkbox"/>	a.c. <input checked="" type="checkbox"/>		d.c. <input checked="" type="checkbox"/>		Nominal Voltage U	400 V	U ₀	N/A V	BS(EN)
TN-C-S <input checked="" type="checkbox"/>	1-Phase (2 wire) <input checked="" type="checkbox"/>	1-Phase (3 wire) <input checked="" type="checkbox"/>	2 Pole <input checked="" type="checkbox"/>		Nominal frequency f	50 Hz			88 Fuse HRC
TN-C <input checked="" type="checkbox"/>	2-Phase (3 wire) <input checked="" type="checkbox"/>		3 Pole <input checked="" type="checkbox"/>		Prospective fault current I _{pf}	N/A kA			Type
TT <input checked="" type="checkbox"/>	3-Phase (3 wire) <input checked="" type="checkbox"/>	3-Phase (4 wire) <input checked="" type="checkbox"/>	Other <input checked="" type="checkbox"/>		External loop impedance Z _e	N/A Ω			Nominal current rating
IT <input checked="" type="checkbox"/>	Other	N/A			Number of supplies	1			Short circuit capacity
									N/A A
									N/A kA

PARTICULARS OF INSTALLATION REFERRED TO IN THE CERTIFICATE

* Means of Earthing		Details of Installation Earth Electrode (where applicable)	
Distributor's facility <input checked="" type="checkbox"/>		Type (eg rod(s), tape etc)	N/A
Installation earth electrode <input checked="" type="checkbox"/>		Electrode resistance, R _A	N/A Ω
		Location	N/A
		Method of measurement	N/A

* Main Switch or Circuit Breaker		Maximum Demand (load)	Method of protection against indirect contact
Type BS(EN)	Unknown	N/A A per phase	EEBADOS
No of poles	N/A		
Supply conductors material	Main Intake		
Supply conductors csa	N/A mm ²		
	RCD Operating current, I _{Δn}		
	RCD Operating time at, I _{Δn}		

Main Protective Conductors		Bonding of extraneous conductive parts	
Earthing Conductor		Main equipotential bonding conductors	
material	Copper	material	Copper
csa	70 mm ²	csa	70 mm ²
Continuity check	<input checked="" type="checkbox"/>	Continuity check	<input checked="" type="checkbox"/>
		Water	Gas
		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
		Oil	Steel
		N/A	<input checked="" type="checkbox"/>
		Lightning	Other
		<input checked="" type="checkbox"/>	N/A

* Where a number of sources are available to supply the installation, and where the data given for the primary source may differ from other sources, a separate sheet must be provided which identifies the relevant information relating to each additional source.

SCHEDULE OF ITEMS INSPECTED (see section 712 of BS 7671: 2001)

Method of protection against electric shock:

- ☒ (i) SELV
- ☒ (ii) Limitation of discharge of energy

Protection against direct contact:

- ☒ (i) Insulation of live parts
- ☒ (ii) Barriers or enclosures
- ☐ (iii) Obstacles
- ☐ (iv) Placing out of reach
- ☐ (v) PELV
- ☒ (vi) Presence of RCD for supplementary protection

Protection against indirect contact:

- (i) EEBAD including:
- ☒ Presence of earthing conductors
- ☒ Presence of circuit protective conductors
- ☒ Presence of main equipotential bonding conductors
- ☒ Presence of supplementary equipotential bonding conductors
- ☒ Presence of earthing arrangements for combined protective and functional purposes
- ☒ Presence of adequate arrangements for alternate sources, where applicable
- ☒ Presence of residual current devices
- ☐ (ii) Use of Class II equipment or equivalent insulation
- ☐ (iii) Non-conducting location:
Absence of protective conductors
- ☐ (iv) Earth-free local equipotential bonding:
Presence of earth-free equipotential bonding conductors
- ☐ (v) Electrical separation

Prevention of mutual detrimental influence

- ☒ a. Proximity of non-electrical services and other influences
- ☒ b. Segregation of Band 1 and Band 2 circuits or Band1 insulation used
- ☒ c. Segregation of safety circuits

Identification

- ☒ Presence of diagrams, instructions, circuit charts and similar information
- ☒ Presence of danger notices and other warning notices
- ☒ Labelling of protective devices, switches and terminals
- ☒ Identification of conductors

Cables and conductors

- ☒ Routing of cables in prescribed zones or within mechanical protection
- ☒ Connection of conductors
- ☒ Erection methods
- ☒ Selection of conductors for current-carrying capacity and voltage drop
- ☒ Presence of fire barriers and protection against thermal effects

General

- ☒ Presence and correct location of appropriate devices for isolation and switching
- ☒ Adequacy of access to switchgear and other equipment
- ☒ Particular protective measures for special installations and locations
- ☒ Connection of single pole devices for protection or switching in phase conductors only
- ☒ Correct connection of accessories and equipment
- ☐ Presence of undervoltage protective devices
- ☒ Choice and setting of protective and monitoring devices (for protection against indirect contact and/or overcurrent)
- ☒ Selection of equipment and protective measures appropriate to external influences
- ☒ Selection of appropriate functional switching devices

SCHEDULE OF ITEMS TESTED (see section 713 of BS 7671: 2001)

- ☒ External earth fault loop impedance, Z_e
- ☒ Installation earth electrode resistance, R_A
- ☒ Continuity of protective conductors
- ☒ Continuity of ring final circuit conductors
- ☒ Insulation resistance between live conductors
- ☒ Insulation resistance between live conductors and earth
- ☐ Site applied insulation
- ☐ Protection by separation of circuits
- ☐ Protection against direct contact, by barrier or enclosure provided during erection
- ☐ Insulation of non-conducting floors and walls
- ☒ Polarity
- ☒ Earth fault loop impedance, Z_s
- ☒ Operation of residual current devices
- ☒ Functional testing of assemblies

BOARD DETAILS

TO BE COMPLETED IN EVERY CASE		ONLY TO BE COMPLETED IF THE DISTRIBUTION BOARD IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION		
Location of distribution board	Roof Area	Supply to distribution board is from	Sub Mains(Main Intake, 1/TP)	
Distribution board designation	DBPSR	No of phases	3	Nominal Voltage 400 V
		Overcurrent protective device for the distribution circuit		
		Type BS(EN)	5419	Rating 125 A
		Associated RCD (if any)	BS(EN) N/A	
		RCD No of poles	N/A	
		RCD rating, $I_{\Delta n}$	N/A mA	

CIRCUIT DETAILS

Circuit number and phase	Circuit designation	Type of wiring	Reference method	No of points served	Circuit conductors csa		Max permitted disconnection time s	Overcurrent protective device				RCD Op. current $I_{\Delta n}$	Max permitted Zs Ω
					Live mm ²	cpc mm ²		BS(EN)	Type No	Rating A	Short circuit capacity kA		
1/R	Plant Room Lights	B/D	3	U/K	2.5	2.5	5	60898 MCB	B	10	10	N/A	4.80
1/Y	Outside Lights	B/D	3	U/K	2.5	2.5	5	60898 MCB	B	10	10	N/A	4.80
1/B	Roof Lights	B/D	3	U/K	2.5	2.5	5	60898 MCB	B	10	10	N/A	4.80
2/R	Plant Area Lights	B/D	3	U/K	2.5	2.5	5	60898 MCB	B	10	10	N/A	4.80
2/Y	SPARE	-	-	-	-	-	-	-	-	-	-	-	-
2/B	SPARE	-	-	-	-	-	-	-	-	-	-	-	-
3/R	SPARE	-	-	-	-	-	-	-	-	-	-	-	-
3/Y	SPARE	-	-	-	-	-	-	-	-	-	-	-	-
3/B	Convactor Heater	B/D	3	U/K	4	4	5	60898 MCB	B	20	10	N/A	2.40
4/R	SPARE	-	-	-	-	-	-	-	-	-	-	-	-
4/Y	SPARE	-	-	-	-	-	-	-	-	-	-	-	-
4/B	Sockets	B/D	3	U/K	4	4	0.4	60898 MCB	B	32	10	N/A	1.50
5/R	Atrium Gantry Power	F	3	U/K	6	6	0.4	60898 MCB	B	32	10	N/A	1.50
5/Y	Atrium Gantry Power	F	3	U/K	6	6	0.4	60898 MCB	B	32	10	N/A	1.50
5/B	Atrium Gantry Power	F	3	U/K	6	6	0.4	60898 MCB	B	32	10	N/A	1.50
6/R	Atrium Gantry Power	F	3	U/K	6	6	0.4	60898 MCB	B	32	10	N/A	1.50
6/Y	Atrium Gantry Power	F	3	U/K	6	6	0.4	60898 MCB	B	32	10	N/A	1.50
6/B	Atrium Gantry Power	F	3	U/K	6	6	0.	60898 MCB	B	32	10	N/A	1.50
7/R	SPARE	-	-	-	-	-	-	-	-	-	-	-	-
7/Y	SPARE	-	-	-	-	-	-	-	-	-	-	-	-
7/B	SPARE	-	-	-	-	-	-	-	-	-	-	-	-
8/R	SPARE	-	-	-	-	-	-	-	-	-	-	-	-
8/Y	SPARE	-	-	-	-	-	-	-	-	-	-	-	-
8/B	SPARE	-	-	-	-	-	-	-	-	-	-	-	-

WIRING CODES

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

BOARD TESTS

ONLY TO BE COMPLETED IF THE DISTRIBUTION BOARD IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION				TEST INSTRUMENTS (SERIAL NUMBERS) USED			
				Earth fault loop impedance	3256769	RCD	3366332
Zs	0.08 Ω	Operating times of associated RCD (if any)	All Δn N/A ms	Insulation resistance	4104785	Other	N/A
Ipf	3.1 kA		At SI Δn (if applicable) N/A ms	Continuity	4104785	Other	N/A

CIRCUIT TESTS

Circuit number and phase	Circuit impedances Ω					Insulation resistance				Polarity	Maximum measured earth fault loop impedance Ω	RCD operating times	
	Ring final circuits only (measured end to end)			All circuits (At least one column to be completed)		Phase/Phase	Phase/Neutral	Phase/Earth	Earth/Neutral			At Δn	At SI Δn (if applicable)
	r_1 (phases)	r_n (Neutral)	r_2 (opc)	$R_1 + R_2$	R_2	M Ω	M Ω	M Ω	M Ω			ms	ms
1/R	N/A	N/A	N/A	0.87	N/A	N/A	N/A	N/A	N/A	✓	0.95	N/A	N/A
1/Y	N/A	N/A	N/A	0.51	N/A	N/A	N/A	N/A	N/A	✓	0.59	N/A	N/A
1/B	N/A	N/A	N/A	1.08	N/A	N/A	N/A	N/A	N/A	✓	1.16	N/A	N/A
2/R	UTT	UTT	UTT	UTT	UTT	N/A	UTT	UTT	UTT		UTT	N/A	N/A
2/Y	-	-	-	-	-	-	-	-	-	*	-	-	-
2/B	-	-	-	-	-	-	-	-	-	*	-	-	-
3/R	-	-	-	-	-	-	-	-	-	*	-	-	-
3/Y	-	-	-	-	-	-	-	-	-	*	-	-	-
3/B		N/A	N/A	0.07	N/A	N/A	200	200	200	✓	0.15	N/A	N/A
4/R	-	-	-	-	-	-	-	-	-	*	-	-	-
4/Y	-	-	-	-	-	-	-	-	-	*	-	-	-
4/B	N/A	N/A	N/A	0.08	N/A	N/A	200	200	200	✓	0.16	N/A	N/A
5/R	*	*	*	*	*	N/A	*	*	*		*	N/A	N/A
5/Y	*	*	*	*	*	N/A	*	*	*		*	N/A	N/A
5/B	*	*	*	*	*	N/A	*	*	*		*	N/A	N/A
6/R	*	*	*	*	*	N/A	*	*	*		*	N/A	N/A
6/Y	*	*	*	*	*	N/A	*	*	*		*	N/A	N/A
6/B	*	*	*	*	*	N/A	*	*	*		*	N/A	N/A
7/R	-	-	-	-	-	-	-	-	-	*	-	-	-
7/Y	-	-	-	-	-	-	-	-	-	*	-	-	-
7/B	-	-	-	-	-	-	-	-	-	*	-	-	-
8/R	-	-	-	-	-	-	-	-	-	*	-	-	-
8/Y	-	-	-	-	-	-	-	-	-	*	-	-	-
8/B	-	-	-	-	-	-	-	-	-	*	-	-	-

TESTED BY

Signature		Position	
Name		Date of testing	

BOARD DETAILS

TO BE COMPLETED IN EVERY CASE		ONLY TO BE COMPLETED IF THE DISTRIBUTION BOARD IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION		
Location of distribution board	Roof	Supply to distribution board is from	Sub Mains(Main Intake, 2/TP)	
Distribution board designation	PNR	No of phases	3	Nominal Voltage 400 V
		Overcurrent protective device for the distribution circuit		
		Type BS(EN)	60898 MCB B	Rating 125 A
		Associated RCD (if any)	BS(EN) N/A	
		RCD No of poles	N/A	
		RCD rating, $I_{\Delta n}$	N/A mA	

CIRCUIT DETAILS

Circuit number and phase	Circuit designation	Type of wiring	Reference method	No of points served	Circuit conductors csa		Max permitted disconnection time s	Overcurrent protective device				RCD Op. current $I_{\Delta n}$	Max permitted Zs Ω
					Live mm ²	cpc mm ²		BS(EN)	Type No	Rating A	Short circuit capacity kA		
1/R	Roof Lighting	B/D	3	4	2.5	2.5	5	60898 MCB	B	10	10	N/A	4.80
1/Y	Roof Lighting	B/D	3	U/K	2.5	2.5	5	60898 MCB	B	10	10	N/A	4.80
1/B	Fan	B/D	3	1	2.5	2.5	5	60898 MCB	B	10	10	N/A	4.80
2/R	Lighting	B/D	3	U/K	2.5	2.5	5	60898 MCB	B	10	10	N/A	4.80
2/Y	SPARE	-	-	-	-	-	-	-	-	-	-	-	-
2/B	Lighting	B/D	3	1	2.5	2.5	5	60898 MCB	B	10	10	N/A	4.80
3/R	Lighting	B/D	3	U/K	2.5	2.5	5	60898 MCB	B	32	10	N/A	1.50
3/Y	Power	B/D	3	U/K	4	4	0.4	60898 MCB	B	32	10	N/A	1.50
3/B	Power Rs Room	B/D	3	U/K	4	4	0.4	60898 MCB	B	32	10	N/A	1.50
4/R	Dis Board Lighting Room	B/D	3	U/K	2.5	2.5	5	60898 MCB	B	10	10	N/A	4.80
4/Y	Power	B/D	3	U/K	4	4	0.4	60898 MCB	B	20	10	N/A	2.40
4/B	Heater Rs Room	B/D	3	U/K	4	4	5	60898 MCB	B	32	10	N/A	1.50
5/R	Window Cleaning Machine	G	1	1	4	4	5	60898 MCB	B	32	10	N/A	1.50
5/Y	Window Cleaning Machine	G	1	1	4	4	5	60898 MCB	B	32	10	N/A	1.50
5/B	Window Cleaning Machine	G	1	1	4	4	5	60898 MCB	B	20	10	N/A	2.40
6/R	SPARE	-	-	-	-	-	-	-	-	-	-	-	-
6/Y	SPARE	-	-	-	-	-	-	-	-	-	-	-	-
6/B	SPARE	-	-	-	-	-	-	-	-	-	-	-	-
7/R	Lighting	B/D	3	U/K	2.5	2.5	5	60898 MCB	B	20	10	N/A	2.40
7/Y	Lighting	B/D	3	U/K	2.5	2.5	5	60898 MCB	B	20	10	N/A	2.40
7/B	SPARE	-	-	-	-	-	-	-	-	-	-	-	-
8/R	Window Cleaning Machine	G	3	1	2.5	2.5	5	60898 MCB	B	20	10	N/A	2.40
8/Y	Window Cleaning Machine	G	3	1	2.5	2.5	5	60898 MCB	B	20	10	N/A	2.40
8/B	Window Cleaning Machine	G	3	1	2.5	2.5	5	60898 MCB	B	20	10	N/A	2.40

WIRING CODES

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

BOARD TESTS

ONLY TO BE COMPLETED IF THE DISTRIBUTION BOARD IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION				TEST INSTRUMENTS (SERIAL NUMBERS) USED				
Zs	0.05 Ω	Operating times of associated RCD (if any)	At I Δn	N/A ms	Earth fault loop impedance	3285690	RCD	N/A
Ipf	4.8 kA		At 5I Δn (if applicable)	N/A ms	Insulation resistance	3313961	Other	N/A
					Continuity	3313961	Other	N/A

CIRCUIT TESTS

Circuit number and phase	Circuit impedances Ω					Insulation resistance				Polarity	Maximum measured earth fault loop impedance Ω	RCD operating times	
	Ring final circuits only (measured end to end)			All circuits (At least one column to be completed)		Phase/Phase	Phase/Neutral	Phase/Earth	Earth/Neutral			At I Δn	At 5I Δn (if applicable)
	r_1 (phases)	r_n (Neutral)	r_2 (cpc)	$R_1 + R_2$	R_2	M Ω	M Ω	M Ω	M Ω			ms	ms
1/R	N/A	N/A	N/A	0.21	N/A	N/A	N/A	N/A	N/A	✓	0.26	N/A	N/A
1/Y	*	*	*	*	*	N/A	*	*	*		*	N/A	N/A
1/B	N/A	N/A	N/A	0.2	N/A	N/A	N/A	N/A	N/A	✓	0.25	N/A	N/A
2/R	N/A	N/A	N/A	0.23	N/A	N/A	N/A	N/A	N/A	✓	0.28	N/A	N/A
2/Y	-	-	-	-	-	-	-	-	-	*	-	-	-
2/B	N/A	N/A	N/A	0.31	N/A	N/A	N/A	N/A	N/A	✓	0.36	N/A	N/A
3/R	UTT	UTT	UTT	UTT	UTT	N/A	UTT	UTT	UTT		UTT	N/A	N/A
3/Y	N/A	N/A	N/A	0.1	N/A	N/A	N/A	N/A	N/A	✓	0.15	N/A	N/A
3/B	N/A	N/A	N/A	0.21	N/A	N/A	N/A	N/A	N/A	✓	0.26	N/A	N/A
4/R	N/A	N/A	N/A	0.02	N/A	N/A	N/A	N/A	N/A	✓	0.06	N/A	N/A
4/Y	N/A	N/A	N/A	0.07	N/A	N/A	N/A	N/A	N/A	✓	0.12	N/A	N/A
4/B	N/A	N/A	N/A	0.30	N/A	N/A	N/A	N/A	N/A	✓	0.35	N/A	N/A
5/R	N/A	N/A	N/A	0.12	N/A	N/A	N/A	N/A	N/A	✓	0.17	N/A	N/A
5/Y	N/A	N/A	N/A	0.12	N/A	N/A	N/A	N/A	N/A	✓	0.17	N/A	N/A
5/B	N/A	N/A	N/A	0.12	N/A	N/A	N/A	N/A	N/A	✓	0.17	N/A	N/A
6/R	-	-	-	-	-	-	-	-	-	*	-	-	-
6/Y	-	-	-	-	-	-	-	-	-	*	-	-	-
6/B	-	-	-	-	-	-	-	-	-	*	-	-	-
7/R	*	*	*	*	*	N/A	*	*	*		*	N/A	N/A
7/Y	No Acc	No Acc	No Acc	No Acc	No Acc	N/A	No Acc	No Acc	No Acc		No Acc	N/A	N/A
7/B	-	-	-	-	-	-	-	-	-	*	-	-	-
8/R	N/A	N/A	N/A	0.12	N/A	N/A	N/A	N/A	N/A	✓	0.17	N/A	N/A
8/Y	N/A	N/A	N/A	0.12	N/A	N/A	N/A	N/A	N/A	✓	0.17	N/A	N/A
8/B	N/A	N/A	N/A	0.12	N/A	N/A	N/A	N/A	N/A	✓	0.17	N/A	N/A

TESTED BY

Signature		Position	
Name		Date of testing	

TO BE COMPLETED IN EVERY CASE		ONLY TO BE COMPLETED IF THE DISTRIBUTION BOARD IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION	
Location of distribution board	Stationary Cupboard 6th Floor	Supply to distribution board is from	Sub Mains(Main Intake, 3/TP)
Distribution board designation	C56	No of phases	1
		Nominal Voltage	230 V
		Overcurrent protective device for the distribution circuit	
		Type BS(EN)	88 Fuse HRC gG
		Rating	63 A
		Associated RCD (if any)	
		BS(EN)	N/A
		RCD No of poles	N/A
		RCD rating, $I_{\Delta n}$	N/A mA

[illegible]

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

ONLY TO BE COMPLETED IF THE DISTRIBUTION BOARD
IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

TEST INSTRUMENTS (SERIAL NUMBERS) USED

3256969

RCD

3366332

$$Z_s \begin{array}{|c|} \hline 0.03 \, \Omega \\ \hline \end{array}$$

Operating
times of
associated
RCD (if any)

 Δn

N/A	ms
-----	----

ms.

8.0 kA

At 51
Δn
(if applicable)

N/A	ms
-----	----

ms

Insulation resistance

N/A

Other

N/A

Continuity

N/A

Other

N/A

[illegible]

Signature

Position

Name

Date of testing

TO BE COMPLETED IN EVERY CASE		ONLY TO BE COMPLETED IF THE DISTRIBUTION BOARD IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION	
Location of distribution board	4th Floor Riser South	Supply to distribution board is from	Sub Mains(Main Intake, 4/TP)
Distribution board designation	C54	No of phases	1
		Nominal Voltage	415 V
		Overcurrent protective device for the distribution circuit	
		Type BS(EN)	60898 MCB B
		Rating	100 A
		Associated RCD (if any)	
		BS(EN)	N/A
		RCD No of poles	N/A
		RCD rating, $I_{\Delta n}$	N/A mA

[illegible]

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

ONLY TO BE COMPLETED IF THE DISTRIBUTION BOARD
IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

TEST INSTRUMENTS (SERIAL NUMBERS) USED

$$Z_s \quad 0.07 \quad \Omega$$

Operating times of associated B.C.D. (if any)

At 1 Δn
At 51 Δn
(if applicable)

N/A	ms
-----	----

N/A	ms
-----	----

Earth fault
loop
impedance

N/A

RCD

N/A

Insulation resistance

N/A

Other

N/A

Continuity

N/A

Other

N/A

[illegible]

Signature

Name _____

Position

Date of testing

TO BE COMPLETED IN EVERY CASE		ONLY TO BE COMPLETED IF THE DISTRIBUTION BOARD IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION	
Location of distribution board	4th Floor Riser North	Supply to distribution board is from	Sub Mains(Main Intake, 5/TP)
Distribution board designation	C64	No of phases	1
		Nominal Voltage	415 V
		Overcurrent protective device for the distribution circuit	
		Type BS(EN)	60898 MCB B
		Rating	100 A
		Associated RCD (if any)	
		BS(EN)	N/A
		RCD No of poles	N/A
		RCD rating, $I_{\Delta n}$	N/A mA

[illegible]

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

BOARD TESTS

ONLY TO BE COMPLETED IF THE DISTRIBUTION BOARD IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION				TEST INSTRUMENTS (SERIAL NUMBERS) USED			
Zs	0.07 Ω	Operating times of associated RCD (if any)	At I Δn	N/A ms	Earth fault loop impedance	N/A	RCD
Ipf	8.46 kA		At 5I Δn (if applicable)	N/A ms	Insulation resistance	N/A	Other
					Continuity	N/A	Other

CIRCUIT TESTS

Circuit number and phase	Circuit impedances Ω					Insulation resistance				Polarity	Maximum measured earth fault loop impedance Ω	RCD operating times	
	Ring final circuits only (measured end to end)			All circuits (At least one column to be completed)		Phase/Phase	Phase/Neutral	Phase/Earth	Earth/Neutral			At I Δn	At 5I Δn (if applicable)
	r_1 (phases)	r_n (Neutral)	r_2 (cpc)	$R_1 + R_2$	R_2	M Ω	M Ω	M Ω	M Ω			ms	ms
1/B	-	-	-	-	-	-	-	-	-	-	-	-	-
2/B	-	-	-	-	-	-	-	-	-	-	-	-	-
3/B	-	-	-	-	-	-	-	-	-	-	-	-	-
4/B	-	-	-	-	-	-	-	-	-	-	-	-	-
5/B	No Acc	No Acc	No Acc	No Acc	No Acc	N/A	No Acc	No Acc	No Acc	-	No Acc	N/A	N/A
6/B	No Acc	No Acc	No Acc	No Acc	No Acc	N/A	No Acc	No Acc	No Acc	-	No Acc	N/A	N/A
7/B	No Acc	No Acc	No Acc	No Acc	No Acc	N/A	No Acc	No Acc	No Acc	-	No Acc	N/A	N/A
8/B	No Acc	No Acc	No Acc	No Acc	No Acc	N/A	No Acc	No Acc	No Acc	-	No Acc	N/A	N/A
9/B	-	-	-	-	-	-	-	-	-	-	-	-	-
10/B	-	-	-	-	-	-	-	-	-	-	-	-	-
11/B	-	-	-	-	-	-	-	-	-	-	-	-	-
12/B	-	-	-	-	-	-	-	-	-	-	-	-	-
13/B	-	-	-	-	-	-	-	-	-	-	-	-	-
14/B	-	-	-	-	-	-	-	-	-	-	-	-	-
15/B	-	-	-	-	-	-	-	-	-	-	-	-	-

TESTED BY

Signature		Position	
Name		Date of testing	

TO BE COMPLETED IN EVERY CASE		ONLY TO BE COMPLETED IF THE DISTRIBUTION BOARD IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION	
Location of distribution board	2nd Floor Riser North	Supply to distribution board is from	Sub Mains(Main Intake, 6/TP)
Distribution board designation	C62	No of phases	1
		Nominal Voltage	415 V
		Overcurrent protective device for the distribution circuit	
		Type BS(EN)	60898 MCB B
		Rating	100 A
		Associated RCD (if any)	
		BS(EN)	N/A
		RCD No of poles	N/A
		RCD rating, $I_{\Delta n}$	N/A mA

[illegible]

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

BOARD DETAILS

TO BE COMPLETED IN EVERY CASE		ONLY TO BE COMPLETED IF THE DISTRIBUTION BOARD IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION	
Location of distribution board	2nd Floor Riser South	Supply to distribution board is from	Sub Mains(Main Intake, 7/TP)
Distribution board designation	C52	No of phases	1
		Nominal Voltage	230 V
		Overcurrent protective device for the distribution circuit	
		Type BS(EN)	60898 MCB B
		Rating	100 A
		Associated RCD (if any)	
		BS(EN)	N/A
		RCD No of poles	N/A
		RCD rating, $I_{\Delta n}$	N/A mA

CIRCUIT DETAILS

Circuit number and phase	Circuit designation	Type of wiring	Reference method	No of points served	Circuit conductors csa		Max permitted disconnection time s	Overcurrent protective device				RCD	Max permitted Zs
					Live mm ²	cpc mm ²		BS(EN)	Type No	Rating A	Short circuit capacity kA		
												Ω	
1/B	SPARE	-	-	-	-	-	-	-	-	-	-	-	-
2/B	SPARE	-	-	-	-	-	-	-	-	-	-	-	-
3/B	SPARE	-	-	-	-	-	-	-	-	-	-	-	-
4/B	SPARE	-	-	-	-	-	-	-	-	-	-	-	-
5/B	Lighting Atrium 1	B/D	3	U/K	2.5	2.5	5	60898 MCB	B	10	10	N/A	4.80
6/B	Lighting Atrium 1	B/D	3	U/K	2.5	2.5	5	60898 MCB	B	10	10	N/A	4.80
7/B	Lighting Atrium L1	B/D	3	U/K	2.5	2.5	5	60898 MCB	B	10	10	N/A	4.80
8/B	Lighting Atrium L1	B/D	3	U/K	2.5	2.5	5	60898 MCB	B	10	10	N/A	4.80
9/B	Lighting Atrium L2	B/D	3	U/K	2.5	2.5	5	60898 MCB	B	10	10	N/A	4.80
10/B	Lighting Atrium L2	B/D	3	U/K	2.5	2.5	5	60898 MCB	B	10	10	N/A	4.80
11/B	Lighting Entrance Ground	B/D	3	U/K	2.5	2.5	5	60898 MCB	B	10	10	N/A	4.80
12/B	SPARE	-	-	-	-	-	-	-	-	-	-	-	-
13/B	SPARE	-	-	-	-	-	-	-	-	-	-	-	-
14/B	SPARE	-	-	-	-	-	-	-	-	-	-	-	-
15/B	SPARE	-	-	-	-	-	-	-	-	-	-	-	-

WIRING CODES

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

ONLY TO BE COMPLETED IF THE DISTRIBUTION BOARD
IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

TEST INSTRUMENTS (SERIAL NUMBERS) USED

N/A

• RCD

N/A

$$Z_s \quad \boxed{0.07} \quad \Omega$$

Operating
times of
associated
RCD (if any)

$$At \mid \Delta_n$$

N/A	ms
-----	----

ms

lpf 3.40 kA

At 51
Δn
(if applicable)

	N/A	ms
--	-----	----

MS

Insulation resistance

5.1.2.6

On the

MSA

Continuity

N/A

Other

N/A

[illegible]

Signature

Position

Name _____

Date of testing

TO BE COMPLETED IN EVERY CASE		ONLY TO BE COMPLETED IF THE DISTRIBUTION BOARD IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION	
Location of distribution board	Ground Floor	Supply to distribution board is from	Sub Mains(Main Intake, 8/TP)
Distribution board designation	NC 3	No of phases	1
		Nominal Voltage	230 V
		Overcurrent protective device for the distribution circuit	
		Type BS(EN)	60898 MCB B
		Rating	100 A
		Associated RCD (if any)	
		BS(EN)	N/A
		RCD No of poles	N/A
		RCD rating, $I_{\Delta n}$	N/A mA

[illegible]

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

ONLY TO BE COMPLETED IF THE DISTRIBUTION BOARD
IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Earth fault
loop
impedance

3285690

RCD

N/A

$$Z_s \quad \boxed{0.09} \quad \Omega$$

Operating times of associated BCD (if any)

$$At \mid \Delta n$$

	N/A	m\$
--	-----	-----

ms

Insulation resistance

3313961

Other

N/A

Ipf 2.5 kA

At 51
Δn
(if applicable)

	N/A	ms
--	-----	----

ms

Continuity

3313961

Other

N/A

[illegible]

Signature

Position

Name _____

Date of testing

BOARD DETAILS

TO BE COMPLETED IN EVERY CASE		ONLY TO BE COMPLETED IF THE DISTRIBUTION BOARD IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION	
Location of distribution board	Ground Floor Security Board	Supply to distribution board is from	Sub Mains(Main Intake, 9/TP)
Distribution board designation	OA	No of phases	3
		Nominal Voltage	400 V
		Overcurrent protective device for the distribution circuit	
		Type BS(EN)	60898 MCB B
		Rating	125 A
		Associated RCD (if any)	BS(EN) N/A
		RCD No of poles	N/A
		RCD rating, $I_{\Delta n}$	N/A mA

CIRCUIT DETAILS

Circuit number and phase	Circuit designation	Type of wiring	Reference method	No of points served	Circuit conductors csa		Max. permitted disconnection time s	Overcurrent protective device				RCD	Max. permitted Zs
					Live mm ²	cpc mm ²		BS(EN)	Type No	Rating A	Short circuit capacity kA	Op. current I _{Δn}	
1/R	Lighting Lobby	B/D	3	9	2.5	2.5	5	60898 MCB	B	10	10	N/A	4.80
1/Y	Lighting Near Bridge	B/D	3	4	2.5	2.5	5	60898 MCB	B	10	10	N/A	4.80
1/B	Lighting High Level	B/D	3	8	2.5	2.5	5	60898 MCB	B	10	10	N/A	4.80
2/R	Lighting Up	B/D	3	5	2.5	2.5	5	60898 MCB	B	10	10	N/A	4.80
2/Y	Lighting Near Bridge	B/D	3	6	2.5	2.5	5	60898 MCB	B	10	10	N/A	4.80
2/B	Lighting Outside	B/D	3	4	2.5	2.5	5	60898 MCB	B	10	10	N/A	4.80
3/R	Lighting Near Bridge	B/D	3	3	2.5	2.5	5	60898 MCB	B	10	10	N/A	4.80
3/Y	Lighting Up	B/D	3	12	2.5	2.5	5	60898 MCB	B	10	10	N/A	4.80
3/B	Lighting Lift Lobby	B/D	3	10	2.5	2.5	5	60898 MCB	B	10	10	N/A	4.80
4/R	Lighting Disabled Toilet	B/D	3	31	2.5	2.5	5	60898 MCB	B	10	10	N/A	4.80
4/Y	Lighting Down	B/D	3	18	2.5	2.5	5	60898 MCB	B	10	10	N/A	4.80
4/B	Lighting Lift Lobby Wall	B/D	3	2	2.5	2.5	5	60898 MCB	B	10	10	N/A	4.80
5/R	1st Floor Bridge Lighting	B/D	3	4	2.5	2.5	5	60898 MCB	B	10	10	N/A	4.80
5/Y	Lighting Plant Room	B/D	3	5	2.5	2.5	5	60898 MCB	B	10	10	N/A	4.80
5/B	Lighting Control Room	B/D	3	5	2.5	2.5	5	60898 MCB	B	10	10	N/A	4.80
6/R	Lighting 1st Floor	B/D	3	6	2.5	2.5	5	60898 MCB	B	10	10	N/A	4.80
6/Y	Lighting Contactor	B/D	3	1	2.5	2.5	5	60898 MCB	B	10	10	N/A	4.80
6/B	SPARE	-	-	-	-	-	-	-	-	-	-	-	-
7/R	SPARE	-	-	-	-	-	-	-	-	-	-	-	-
7/Y	SPARE	-	-	-	-	-	-	-	-	-	-	-	-
7/B	SPARE	-	-	-	-	-	-	-	-	-	-	-	-
8/R	SPARE	-	-	-	-	-	-	-	-	-	-	-	-
8/Y	SPARE	-	-	-	-	-	-	-	-	-	-	-	-
8/B	SPARE	-	-	-	-	-	-	-	-	-	-	-	-

WIRING CODES

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

BOARD TESTS

ONLY TO BE COMPLETED IF THE DISTRIBUTION BOARD IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION				TEST INSTRUMENTS (SERIAL NUMBERS) USED			
				Earth fault loop impedance	3285690	RCD	N/A
Zs	0.13 Ω	Operating times of associated RCD (if any)	All Δn	N/A	ms	Insulation resistance	3313961
Ipf	1.84 kA		At 5I Δn (if applicable)	N/A	ms	Other	N/A
				Continuity	3313961	Other	N/A

CIRCUIT TESTS

Circuit number and phase	Circuit impedances Ω					Insulation resistance				Polarity	Maximum measured earth fault loop impedance Ω	RCD operating times	
	Ring final circuits only (measured end to end)			All circuits (At least one column to be completed)		Phase/Phase	Phase/Neutral	Phase/Earth	Earth/Neutral			At $I \Delta n$	At 5I Δn (if applicable)
	r_1 (phases)	r_n (Neutral)	r_2 (cpc)	$R_1 + R_2$	R_2	M Ω	M Ω	M Ω	M Ω			ms	ms
1/R	N/A	N/A	N/A	0.04	N/A	N/A	N/A	N/A	N/A	✓	0.17	N/A	N/A
1/Y	N/A	N/A	N/A	0.05	N/A	N/A	N/A	N/A	N/A	✓	0.18	N/A	N/A
1/B	N/A	N/A	N/A	0.03	N/A	N/A	N/A	N/A	N/A	✓	0.16	N/A	N/A
2/R	N/A	N/A	N/A	0.04	N/A	N/A	N/A	N/A	N/A	✓	0.17	N/A	N/A
2/Y	N/A	N/A	N/A	0.03	N/A	N/A	N/A	N/A	N/A	✓	0.16	N/A	N/A
2/B	N/A	N/A	N/A	0.02	N/A	N/A	N/A	N/A	N/A	✓	0.15	N/A	N/A
3/R	N/A	N/A	N/A	0.01	N/A	N/A	N/A	N/A	N/A	✓	0.14	N/A	N/A
3/Y	N/A	N/A	N/A	0.02	N/A	N/A	N/A	N/A	N/A	✓	0.15	N/A	N/A
3/B	N/A	N/A	N/A	0.03	N/A	N/A	N/A	N/A	N/A	✓	0.16	N/A	N/A
4/R	N/A	N/A	N/A	0.04	N/A	N/A	N/A	N/A	N/A	✓	0.17	N/A	N/A
4/Y	N/A	N/A	N/A	0.05	N/A	N/A	N/A	N/A	N/A	✓	0.18	N/A	N/A
4/B	N/A	N/A	N/A	0.03	N/A	N/A	N/A	N/A	N/A	✓	0.16	N/A	N/A
5/R	N/A	N/A	N/A	0.04	N/A	N/A	N/A	N/A	N/A	✓	0.17	N/A	N/A
5/Y	N/A	N/A	N/A	0.04	N/A	N/A	N/A	N/A	N/A	✓	0.17	N/A	N/A
5/B	N/A	N/A	N/A	0.04	N/A	N/A	N/A	N/A	N/A	✓	0.17	N/A	N/A
6/R	N/A	N/A	N/A	0.02	N/A	N/A	N/A	N/A	N/A	✓	0.15	N/A	N/A
6/Y	N/A	N/A	N/A	0.03	N/A	N/A	N/A	N/A	N/A	✓	0.16	N/A	N/A
6/B	-	-	-	-	-	-	-	-	-	*	-	-	-
7/R	-	-	-	-	-	-	-	-	-	*	-	-	-
7/Y	-	-	-	-	-	-	-	-	-	*	-	-	-
7/B	-	-	-	-	-	-	-	-	-	*	-	-	-
8/R	-	-	-	-	-	-	-	-	-	*	-	-	-
8/Y	-	-	-	-	-	-	-	-	-	*	-	-	-
8/B	-	-	-	-	-	-	-	-	-	*	-	-	-

TESTED BY

Signature		Position	
Name		Date of testing	

TO BE COMPLETED IN EVERY CASE		ONLY TO BE COMPLETED IF THE DISTRIBUTION BOARD IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION	
Location of distribution board	Stairway 2 Level Ground	Supply to distribution board is from	Sub Mains(Main Intake, 10/TP)
Distribution board designation	DB 5C 2	No of phases	1
		Nominal Voltage	230 V
		Overcurrent protective device for the distribution circuit	
		Type BS(EN)	5419 B
		Rating	100 A
		Associated RCD (if any)	
		BS(EN)	N/A
		RCD No of poles	N/A
		RCD rating, $I_{\Delta n}$	N/A mA

[illegible]

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

ONLY TO BE COMPLETED IF THE DISTRIBUTION BOARD
IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Earth fault
loop
impedance

RCD

N/A

Operating
times of
associated
RCD (if any)

N/A	ms
-----	----

At 51
Δn
(if applicable)

N/A

Insulation resistance

4104785

Other

N/A

Continuity

4104785

Other

N/A

[illegible]

Signature

Position

Name

Date of testing

TO BE COMPLETED IN EVERY CASE		ONLY TO BE COMPLETED IF THE DISTRIBUTION BOARD IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION	
Location of distribution board	Plant Room Basement	Supply to distribution board is from	Sub Mains(Main Intake, 11/TP)
Distribution board designation	DBP 5B	No of phases	1
		Nominal Voltage	230 V
		Overcurrent protective device for the distribution circuit	
		Type BS(EN)	60898 MCB B
		Rating	125 A
		Associated RCD (if any)	
		BS(EN)	N/A
		RCD No of poles	N/A
		RCD rating, $I_{\Delta n}$	N/A mA

[illegible]

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

ONLY TO BE COMPLETED IF THE DISTRIBUTION BOARD
IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Earth fault
loop
impedance

RCD

Insulation resistance

Other

N/A

Continuity

4104785

Other

N/A

$$Z_s \quad \boxed{0.7} \quad \Omega$$
Operating
times of
associated
$$At \propto \Delta n$$

N/A	ms
-----	----

IpF 3.42 kA

RCD (if any)

Δn
(if applicable)

N/A	ms
-----	----

[illegible]

Signature

Name _____

Position

Date of testing

BOARD DETAILS

TO BE COMPLETED IN EVERY CASE		ONLY TO BE COMPLETED IF THE DISTRIBUTION BOARD IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION		
Location of distribution board	Basement	Supply to distribution board is from	Sub Mains(Main Intake, 12/TP)	
Distribution board designation	B25	No of phases	3	Nominal Voltage 400 V
		Overcurrent protective device for the distribution circuit		
		Type BS(EN)	60898 MCB B	Rating 63 A
		Associated RCD (if any)	BS(EN) N/A	
		RCD No of poles	N/A	
		RCD rating, $I_{\Delta n}$	N/A mA	

CIRCUIT DETAILS

Circuit number and phase	Circuit designation	Type of wiring	Reference method	No of points served	Circuit conductors csa		Max permitted disconnection time s	Overcurrent protective device				RCD Op. current $I_{\Delta n}$	Max permitted Zs Ω
					Live mm ²	cpc mm ²		BS(EN)	Type No	Rating A	Short circuit capacity kA		
1/R	Lighting Corridor	B/D	3	5	4	4	5	60898 MCB	B	10	10	N/A	4.80
1/Y	Lighting Store	B/D	3	6	4	4	5	60898 MCB	B	10	10	N/A	4.80
1/B	Lighting Corridor	B/D	3	7	4	4	5	60898 MCB	B	10	10	N/A	4.80
2/R	Unknown	B/D	3	N/A	4	4	5	60898 MCB	B	10	10	N/A	4.80
2/Y	Lighting 6	B/D	3	6	4	4	5	60898 MCB	B	32	10	N/A	1.50
2/B	SPARE	-	-	-	-	-	-	-	-	-	-	-	-
3/R	Lighting 7	B/D	3	7	4	4	5	60898 MCB	B	10	10	N/A	4.80
3/Y	Lighting 8	B/D	3	8	4	4	5	60898 MCB	B	10	10	N/A	4.80
3/B	SPARE	-	-	-	-	-	-	-	-	-	-	-	-
4/R	SPARE	-	-	-	-	-	-	-	-	-	-	-	-
4/Y	Power Amec Office	B/D	3	3	4	4	0.4	60898 MCB	B	32	10	N/A	1.50
4/B	SPARE	-	-	-	-	-	-	-	-	-	-	-	-
5/R	Power Cleaners Room	B/D	3	4	4	4	0.4	60898 MCB	B	32	10	N/A	1.50
5/Y	SPARE	-	-	-	-	-	-	-	-	-	-	-	-
5/B	SPARE	-	-	-	-	-	-	-	-	-	-	-	-
6/R	SPARE	-	-	-	-	-	-	-	-	-	-	-	-
6/Y	SPARE	-	-	-	-	-	-	-	-	-	-	-	-
6/B	SPARE	-	-	-	-	-	-	-	-	-	-	-	-
7/R	SPARE	-	-	-	-	-	-	-	-	-	-	-	-
7/Y	SPARE	-	-	-	-	-	-	-	-	-	-	-	-
7/B	SPARE	-	-	-	-	-	-	-	-	-	-	-	-
8/R	SPARE	-	-	-	-	-	-	-	-	-	-	-	-
8/Y	SPARE	-	-	-	-	-	-	-	-	-	-	-	-
8/B	SPARE	-	-	-	-	-	-	-	-	-	-	-	-

WIRING CODES

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

BOARD TESTS

ONLY TO BE COMPLETED IF THE DISTRIBUTION BOARD IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION				TEST INSTRUMENTS (SERIAL NUMBERS) USED			
				Earth fault loop impedance	3285690	RCD	3366332
Zs	0.09 Ω	Operating times of associated RCD (if any)	At $I \Delta n$	N/A	ms	Insulation resistance	3313961
Ipf	2.66 kA		At $5I \Delta n$ (if applicable)	N/A	ms	Other	N/A
				Continuity	3313961	Other	N/A

CIRCUIT TESTS

Circuit number and phase	Circuit impedances Ω					Insulation resistance				Polarity	Maximum measured earth fault loop impedance Ω	RCD operating times	
	Ring final circuits only (measured end to end)			All circuits (At least one column to be completed)		Phase/Phase	Phase/Neutral	Phase/Earth	Earth/Neutral			At $I \Delta n$	At $5I \Delta n$ (if applicable)
	r_1 (phases)	r_n (Neutral)	r_2 (opc)	$R_1 + R_2$	R_2	M Ω	M Ω	M Ω	M Ω			ms	ms
1/R	N/A	N/A	N/A	0.05	N/A	N/A	N/A	N/A	N/A	✓	0.14	N/A	N/A
1/Y	N/A	N/A	N/A	0.49	N/A	N/A	N/A	N/A	N/A	✓	0.57	N/A	N/A
1/B	N/A	N/A	N/A	0.32	N/A	N/A	N/A	N/A	N/A	✓	0.41	N/A	N/A
2/R	UTT	UTT	UTT	UTT	UTT	N/A	UTT	UTT	UTT		UTT	N/A	N/A
2/Y	N/A	N/A	N/A	0.3	N/A	N/A	N/A	N/A	N/A	✓	0.36	N/A	N/A
2/B	-	-	-	-	-	-	-	-	-	•	-	-	-
3/R	N/A	N/A	N/A	0.32	N/A	N/A	N/A	N/A	N/A	✓	0.41	N/A	N/A
3/Y	N/A	N/A	N/A	0.14	N/A	N/A	N/A	N/A	N/A	✓	0.23	N/A	N/A
3/B	-	-	-	-	-	-	-	-	-	•	-	-	-
4/R	-	-	-	-	-	-	-	-	-	•	-	-	-
4/Y	N/A	N/A	N/A	0.42	N/A	N/A	N/A	N/A	N/A	✓	0.51	N/A	N/A
4/B	-	-	-	-	-	-	-	-	-	•	-	-	-
5/R	N/A	N/A	N/A	0.16	N/A	N/A	N/A	N/A	N/A	✓	0.25	N/A	N/A
5/Y	-	-	-	-	-	-	-	-	-	•	-	-	-
5/B	-	-	-	-	-	-	-	-	-	•	-	-	-
6/R	-	-	-	-	-	-	-	-	-	•	-	-	-
6/Y	-	-	-	-	-	-	-	-	-	•	-	-	-
6/B	-	-	-	-	-	-	-	-	-	•	-	-	-
7/R	-	-	-	-	-	-	-	-	-	•	-	-	-
7/Y	-	-	-	-	-	-	-	-	-	•	-	-	-
7/B	-	-	-	-	-	-	-	-	-	•	-	-	-
8/R	-	-	-	-	-	-	-	-	-	•	-	-	-
8/Y	-	-	-	-	-	-	-	-	-	•	-	-	-
8/B	-	-	-	-	-	-	-	-	-	•	-	-	-

TESTED BY

Signature		Position	
Name		Date of testing	

TO BE COMPLETED IN EVERY CASE

ONLY TO BE COMPLETED IF THE DISTRIBUTION BOARD IS NOT CONNECTED DIRECTLY
TO THE ORIGIN OF THE INSTALLATION

Location of distribution board	Lift Lobby Level 2	Supply to distribution board is from	Sub Mains(Main Intake, 13/TP)	Associated RCD (if any)	
		No of phases	1	Nominal Voltage	240 V
Distribution board designation	DBSC1	Overcurrent protective device for the distribution circuit			
		Type BS(EN)	60898 MCB B	Rating	63 A
				RCD No of poles	N/A
				RCD rating, I _{Δn}	N/A mA

[illegible]

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

BOARD TESTS

ONLY TO BE COMPLETED IF THE DISTRIBUTION BOARD IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION				TEST INSTRUMENTS (SERIAL NUMBERS) USED			
Zs	0.07 Ω	Operating times of associated RCD (if any)	All Δn	N/A ms	Earth fault loop impedance	N/A	RCD
lpf	3.42 kA		At 5I Δn (if applicable)	N/A ms	Insulation resistance	N/A	Other
					Continuity	N/A	Other

CIRCUIT TESTS

Circuit number and phase	Circuit impedances Ω					Insulation resistance				Polarity	Maximum measured earth fault loop impedance Ω	RCD operating times	
	Ring final circuits only (measured end to end)			All circuits (At least one column to be completed)		Phase/Phase	Phase/Neutral	Phase/Earth	Earth/Neutral			At Δn	At 5I Δn (if applicable)
	r_1 (phases)	r_n (Neutral)	r_2 (opc)	$R_1 + R_2$	R_2	M Ω	M Ω	M Ω	M Ω			ms	ms
1/Y	N/A	N/A	N/A	0.59	N/A	N/A	N/A	N/A	N/A	✓	0.66	N/A	N/A
2/Y	N/A	N/A	N/A	0.52	N/A	N/A	N/A	N/A	N/A	✓	0.59	N/A	N/A
3/Y	N/A	N/A	N/A	0.80	N/A	N/A	N/A	N/A	N/A	✓	0.87	N/A	N/A
4/Y	N/A	N/A	N/A	0.84	N/A	N/A	N/A	N/A	N/A	✓	0.91	N/A	N/A
5/Y	N/A	N/A	N/A	0.37	N/A	N/A	N/A	N/A	N/A	✓	0.44	N/A	N/A
6/Y	N/A	N/A	N/A	0.47	N/A	N/A	N/A	N/A	N/A	✓	0.54	N/A	N/A
7/Y	N/A	N/A	N/A	0.59	N/A	N/A	N/A	N/A	N/A	✓	0.66	N/A	N/A
8/Y	N/A	N/A	N/A	0.04	N/A	N/A	N/A	N/A	N/A	✓	0.11	N/A	N/A
9/Y	UTT	UTT	UTT	UTT	UTT	N/A	UTT	UTT	UTT		UTT	N/A	N/A
10/Y	UTT	UTT	UTT	UTT	UTT	N/A	UTT	UTT	UTT		UTT	N/A	N/A
11/Y	UTT	UTT	UTT	UTT	UTT	N/A	UTT	UTT	UTT		UTT	N/A	N/A
12/Y	-	-	-	-	-	-	-	-	-	*	-	-	-
13/Y	-	-	-	-	-	-	-	-	-	*	-	-	-
14/Y	-	-	-	-	-	-	-	-	-	*	-	-	-
15/Y	-	-	-	-	-	-	-	-	-	*	-	-	-

TESTED BY

Signature		Position	
Name		Date of testing	

TO BE COMPLETED IN EVERY CASE		ONLY TO BE COMPLETED IF THE DISTRIBUTION BOARD IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION	
Location of distribution board	Generator Room	Supply to distribution board is from	Sub Mains(Main Intake, 14/TP)
Distribution board designation	DBGP2	No of phases	1
		Nominal Voltage	230 V
		Overcurrent protective device for the distribution circuit	
		Type BS(EN)	60898 MCB B
		Rating	63 A
		Associated RCD (if any)	
		BS(EN)	N/A
		RCD No of poles	N/A
		RCD rating, $I_{\Delta n}$	N/A mA

[illegible]

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

ONLY TO BE COMPLETED IF THE DISTRIBUTION BOARD
IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

TEST INSTRUMENTS (SERIAL NUMBERS) USED

3256969

RCD

3366332

Zs 0.05 Ω

Operating times of associated RCD (if any)

$$Al \triangleleft n$$

N/A

ms

Ipf 4.82 KA

At 51
Δn
(if applicable)

N/A

ms

Insulation resistance

4104785

Other

N/A

Continuity

4104785

Other

N/A

[illegible]

Signature

Name

Position

Date of testing

BOARD DETAILS

TO BE COMPLETED IN EVERY CASE		ONLY TO BE COMPLETED IF THE DISTRIBUTION BOARD IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION		
Location of distribution board	Finishing Store Level 2	Supply to distribution board is from	Sub Mains(Main Intake, 15/TP)	
Distribution board designation	DB B2N	No of phases	3	Nominal Voltage 415 V
		Overcurrent protective device for the distribution circuit		
		Type BS(EN)	60898 MCB B	Rating 63 A
		Associated RCD (if any)	BS(EN) N/A	
		RCD No of poles	N/A	
		RCD rating, $I_{\Delta n}$	N/A mA	

CIRCUIT DETAILS

Circuit number and phase	Circuit designation	Type of wiring	Reference method	No of points served	Circuit conductors csa		Max permitted disconnection time s	Overcurrent protective device				RCD Op. current $I_{\Delta n}$	Max permitted Zs Ω
					Live mm ²	cpc mm ²		BS(EN)	Type No	Rating A	Short circuit capacity kA		
1/R	Lighting	B/D	3	U/K	2.5	2.5	5	60898 MCB	B	10	10	N/A	4.80
1/Y	SPARE	-	-	-	-	-	-	-	-	-	-	-	-
1/B	Lighting	B/D	3	U/K	2.5	2.5	5	60898 MCB	B	10	10	N/A	4.80
2/R	Small Power	B/D	3	U/K	4.0	4.0	0.4	60898 MCB	B	32	10	N/A	1.50
2/Y	SPARE	-	-	-	-	-	-	-	-	-	-	-	-
2/B	Small Power	B/D	3	U/K	4.0	4.0	0.4	60898 MCB	B	32	10	N/A	1.50
3/R	SPARE	-	-	-	-	-	-	-	-	-	-	-	-
3/Y	SPARE	-	-	-	-	-	-	-	-	-	-	-	-
3/B	SPARE	-	-	-	-	-	-	-	-	-	-	-	-
4/R	SPARE	-	-	-	-	-	-	-	-	-	-	-	-
4/Y	SPARE	-	-	-	-	-	-	-	-	-	-	-	-
4/B	SPARE	-	-	-	-	-	-	-	-	-	-	-	-
5/R	Power Radial	G	1	U/K	4.0	4.0	0.4	60898 MCB	B	32	10	N/A	1.50
5/Y	SPARE	-	-	-	-	-	-	-	-	-	-	-	-
5/B	SPARE	-	-	-	-	-	-	-	-	-	-	-	-
6/R	Lighting	G	1	U/K	2.5	2.5	5	60898 MCB	B	16	10	N/A	3.00
6/Y	SPARE	-	-	-	-	-	-	-	-	-	-	-	-
6/B	SPARE	-	-	-	-	-	-	-	-	-	-	-	-
7/R	SPARE	-	-	-	-	-	-	-	-	-	-	-	-
7/Y	SPARE	-	-	-	-	-	-	-	-	-	-	-	-
7/B	SPARE	-	-	-	-	-	-	-	-	-	-	-	-
8/R	SPARE	-	-	-	-	-	-	-	-	-	-	-	-
8/Y	SPARE	-	-	-	-	-	-	-	-	-	-	-	-
8/B	SPARE	-	-	-	-	-	-	-	-	-	-	-	-

WIRING CODES

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

BOARD TESTS

ONLY TO BE COMPLETED IF THE DISTRIBUTION BOARD IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION				TEST INSTRUMENTS (SERIAL NUMBERS) USED			
				Earth fault loop impedance	N/A	RCD	N/A
Zs	0.08 Ω	Operating times of associated RCD (if any)	At 1 Δn N/A ms	Insulation resistance	N/A	Other	N/A
Ipf	3.0 kA		At 5I Δn (if applicable) N/A ms	Continuity	N/A	Other	N/A

CIRCUIT TESTS

Circuit number and phase	Circuit impedances Ω					Insulation resistance				Polarity	Maximum measured earth fault loop impedance Ω	RCD operating times	
	Ring final circuits only (measured end to end)			All circuits (At least one column to be completed)		Phase/Phase	Phase/Neutral	Phase/Earth	Earth/Neutral			At 1 Δn	At 5I Δn (if applicable)
	r_1 (phases)	r_n (Neutral)	r_2 (opc)	$R_1 + R_2$	R_2	M Ω	M Ω	M Ω	M Ω			ms	ms
1/R	N/A	N/A	N/A	0.96	N/A	N/A	N/A	N/A	N/A	✓	1.04	N/A	N/A
1/Y	-	-	-	-	-	-	-	-	-	*	-	-	-
1/B	N/A	N/A	N/A	0.53	N/A	N/A	N/A	N/A	N/A	✓	0.61	N/A	N/A
2/R	N/A	N/A	N/A	0.08	N/A	N/A	N/A	N/A	N/A	✓	0.16	N/A	N/A
2/Y	-	-	-	-	-	-	-	-	-	*	-	-	-
2/B	*	*	*	*	*	N/A	*	*	*		*	N/A	N/A
3/R	-	-	-	-	-	-	-	-	-	*	-	-	-
3/Y	-	-	-	-	-	-	-	-	-	*	-	-	-
3/B	-	-	-	-	-	-	-	-	-	*	-	-	-
4/R	-	-	-	-	-	-	-	-	-	*	-	-	-
4/Y	-	-	-	-	-	-	-	-	-	*	-	-	-
4/B	-	-	-	-	-	-	-	-	-	*	-	-	-
5/R	*	*	*	*	*	N/A	*	*	*		*	N/A	N/A
5/Y	-	-	-	-	-	-	-	-	-	*	-	-	-
5/B	-	-	-	-	-	-	-	-	-	*	-	-	-
6/R	No Acc	No Acc	No Acc	No Acc	No Acc	N/A	No Acc	No Acc	No Acc		No Acc	N/A	N/A
6/Y	-	-	-	-	-	-	-	-	-	*	-	-	-
6/B	-	-	-	-	-	-	-	-	-	*	-	-	-
7/R	-	-	-	-	-	-	-	-	-	*	-	-	-
7/Y	-	-	-	-	-	-	-	-	-	*	-	-	-
7/B	-	-	-	-	-	-	-	-	-	*	-	-	-
8/R	-	-	-	-	-	-	-	-	-	*	-	-	-
8/Y	-	-	-	-	-	-	-	-	-	*	-	-	-
8/B	-	-	-	-	-	-	-	-	-	*	-	-	-

TESTED BY

Signature		Position	
Name		Date of testing	

TO BE COMPLETED IN EVERY CASE		ONLY TO BE COMPLETED IF THE DISTRIBUTION BOARD IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION	
Location of distribution board	Basement of Stairwell 4	Supply to distribution board is from	Sub Mains(Main Intake, 16/TP)
Distribution board designation	DB NC4	No of phases	3
		Nominal Voltage	230 V
		Overcurrent protective device for the distribution circuit	
		Type BS(EN)	5419 B
		Rating	100 A
		Associated RCD (if any)	
		BS(EN)	N/A
		RCD No of poles	N/A
		RCD rating, $I_{\Delta n}$	N/A mA

[illegible]

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

BOARD TESTS

ONLY TO BE COMPLETED IF THE DISTRIBUTION BOARD
IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

TEST INSTRUMENTS (SERIAL NUMBERS) USED

Zs Ω Operating times of associated RCD (if any) At I Δn ms
Ipf kA At 5I Δn (if applicable) ms

Earth fault
loop
impedance

RCD

Insulation
resistance

Other

Continuity

Other

CIRCUIT TESTS

Circuit number and phase	Circuit impedances Ω					Insulation resistance				P o l a r i t y	Maximum measured earth fault loop impedance Ω	RCD operating times	
	Ring final circuits only (measured end to end)			All circuits (At least one column to be completed)		Phase/ Phase	Phase/ Neutral	Phase/ Earth	Earth/ Neutral			At $I \Delta n$	At $5I \Delta n$ (if appli- cable)
	r_1 (phases)	r_n (Neutral)	r_2 (opc)	$R_1 + R_2$	R_2	M Ω	M Ω	M Ω	M Ω			ms	ms
1/TP	N/A	N/A	N/A	1.15	N/A	N/A	N/A	N/A	N/A	✓	1.19	N/A	N/A
2/TP	N/A	N/A	N/A	1.17	N/A	N/A	N/A	N/A	N/A	✓	1.21	N/A	N/A
3/TP	N/A	N/A	N/A	1.36	N/A	N/A	N/A	N/A	N/A	✓	1.4	N/A	N/A
4/TP	N/A	N/A	N/A	1.40	N/A	N/A	N/A	N/A	N/A	✓	1.44	N/A	N/A
5/TP	N/A	N/A	N/A	1.57	N/A	N/A	N/A	N/A	N/A	✓	1.61	N/A	N/A
6/TP	N/A	N/A	N/A	1.66	N/A	N/A	N/A	N/A	N/A	✓	1.70	N/A	N/A
7/TP	N/A	N/A	N/A	0.41	N/A	N/A	200	200	200	✓	0.45	N/A	N/A
8/TP	-	-	-	-	-	-	-	-	-	-	-	-	-
9/TP	UTT	UTT	UTT	UTT	UTT	N/A	UTT	UTT	UTT		UTT	N/A	N/A
10/TP	N/A	N/A	N/A	0.22	N/A	N/A	200	200	200	✓	0.26	N/A	N/A
11/TP	UTT	UTT	UTT	UTT	UTT	N/A	UTT	UTT	UTT		UT	N/A	N/A
12/TP	-	-	-	-	-	-	-	-	-	-	-	-	-
13/TP	N/A	N/A	N/A	0.21	N/A	N/A	N/A	N/A	N/A	✓	0.25	N/A	N/A
14/TP	UTT	UTT	UTT	UTT	UTT	N/A	UTT	UTT	UTT		UTT	N/A	N/A
15/TP	N/A	N/A	N/A	0.01	N/A	N/A	200	200	200	✓	0.04	N/A	N/A

TESTED BY

Signature

Position

Name

Date of
testing

TO BE COMPLETED IN EVERY CASE		ONLY TO BE COMPLETED IF THE DISTRIBUTION BOARD IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION	
Location of distribution board	Level 1 Riser	Supply to distribution board is from	Sub Mains(Main Intake, 17/TP)
Distribution board designation	UPS -15	No of phases	3
		Nominal Voltage	415 V
		Overcurrent protective device for the distribution circuit	
		Type BS(EN)	60898 MCB B
		Rating	100 A
		Associated RCD (if any)	
		BS(EN)	N/A
		RCD No of poles	N/A
		RCD rating, $I_{\Delta n}$	N/A mA

[illegible]

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

ONLY TO BE COMPLETED IF THE DISTRIBUTION BOARD
IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Earth fault
loop
impedance

N/A

RCD

N/A

$$Z_s \begin{array}{|c|} \hline 0.10 \\ \hline \end{array} \Omega$$

Operating
times of
associated
RCD (if any)

$$\text{At } 1 \Delta n$$

N/A : MS

Insulation resistance

N/A

Other

N/A

IpI 2.41 kA

At 51
Δn
(if applicable)

N/A MS

Continuity

N/A

Other

N/A

[illegible]

Signature

Name _____

Position

Date of testing

TO BE COMPLETED IN EVERY CASE		ONLY TO BE COMPLETED IF THE DISTRIBUTION BOARD IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION	
Location of distribution board	-1 Level North Riser Cupboard	Supply to distribution board is from	Sub Mains(Main Intake, 18/TP)
Distribution board designation	UPS Minus IN	No of phases	3
		Nominal Voltage	415 V
		Overcurrent protective device for the distribution circuit	
		Type BS(EN)	88 Fuse HRC gG
		Rating	100 A
		Associated RCD (if any)	
		BS(EN)	N/A
		RCD No of poles	N/A
		RCD rating, $I_{\Delta n}$	N/A mA

[illegible]

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

ONLY TO BE COMPLETED IF THE DISTRIBUTION BOARD
IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Earth fault
loop
impedance

N/A

RCD

N/A

Insulation resistance

N/A

Other

N/A

Continuity

N/A

Other

N/A

$$Z_s \quad 0.10 \quad \Omega$$

Operating
times of
associated
RCD (if any)

$$\text{At } \Delta_n$$

N/A	ms
-----	----

Ip_f 1.95 kA

At 5t
 Δn
(if applicable)

N/A

[illegible]

Signature

Position

Name _____

Date of testing

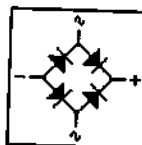
**PERIODIC INSPECTION AND TEST
RESULTS FOR;-**

AMEC FACILITIES

**33 ST MARY AXE
LONDON
EC3A 8LL**

**TESTED
MARCH 2002**

QUALIFYING MANAGER: - D.DOWSETT

**CP 8402**© Copyright The Electrical Contractors' Association
The Electrical Contractors' Association of Scotland.**DETAILS OF THE CLIENT**Client: **AMEC Facilities**Address: **33 St Mary Axe, Leadenhall Street
London, .**

Purpose for which this Report is required:

5 Year Periodic Inspection**DETAILS OF THE INSTALLATION**Installation: **St Mary Axe**Occupier: **AMEC Facilities**Address: **Leadenhall Street, London**

Description of Premises:

Domestic ☐Commercial ☒Industrial ☐Other ☐

Estimated age of the electrical installation:

10 years

Evidence of alterations or additions:

Yes ☐No ☒Not apparent ☐

If 'Yes' estimated age:

N/A years

Date of last inspection:

Not Known

Records available:

Yes ☐No ☒**EXTENT AND LIMITATIONS OF THE INSPECTION**

Extent of electrical installation covered by this report

Testing of tenants distribution boards.

Agreed limitation of the inspection and testing

Unable to test some circuits for insulation resistance due to various loads connected on sub circuits.
No access to landlords distribution boards, therefore unable to test.

This inspection has been carried out in accordance with BS7671:2001(IEE Wiring Regulations), as amended. Cables concealed within trunking and conduits, or cables and conduits concealed under floors, in roof spaces and generally within the fabric of the building or underground have not been inspected.

NEXT INSPECTION

We recommend that the installation is further inspected and tested after an interval of not more than 5 Years provided that any observations 'requiring urgent attention' are attended to without delay.

DECLARATION

INSPECTED AND TESTED BY:

Name: **Dave Dowsett**For and on
behalf of:**SCL Group (London) Ltd**Position: **Qualifying Manager**

Address:

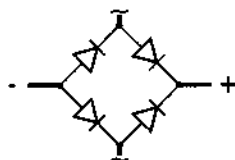
Signature: **Elms House, Elms Ind Park
Church Road, Harold Wood
Romford
Essex
RM3 0JU**Date: **21-3-02**

NOTES

1. You should have received an original computer generated certificate/report of the type as described on the front, top right.

The certificate/report can be regarded as genuine by the inclusion of the 'compliance' mark, as detailed here, on top of the front page of the certificate.

Compliance mark:



2. The receipt of this certificate signed, addressed and dated by the contractor entitles the client to the relevant guarantee schemes operated by the ECA and SELECT on behalf of their members. Information about this scheme can be obtained from the Head Office of the Electrical Contractors' Association, 34 Palace Court, London W2 4HY. Tel: 020 7315 4800 or SELECT, Bush House, Bush Estate, Midlothian, EH26 0SB. Tel: 0131 445 5577.
3. The signature appended is of the person authorised by the company executing the work of design, construction and/or inspection and testing as appropriate.
4. Where applicable, as indicated, the time interval recommended before the first/next periodic inspection must be inserted (see IEE Guidance Note 3 for guidance).

SUPPLY CHARACTERISTICS AND EARTHING ARRANGEMENTS

System Type(s)	Number and Type of Live Conductors				Nature of Supply Parameters				Supply protective device characteristics	
TN-C <input type="checkbox"/>	a.c. <input checked="" type="checkbox"/>	d.c. <input type="checkbox"/>			Nominal Voltage, U _o	(1) <input type="text" value="n/a"/>	V	Type		
TN-S <input type="checkbox"/>	1-Phase, (2 wire) <input type="checkbox"/>	2 Pole <input type="checkbox"/>			Nominal frequency, f	(1) <input type="text" value="n/a"/>	Hz	<input type="text" value="N/A"/>		
TN-C-S <input type="checkbox"/>	2-Phase, (3 wire) <input type="checkbox"/>	3 Pole <input type="checkbox"/>			Prospective fault current, I _{pf}	(2) <input type="text" value="n/a"/>	kA	Nominal current rating		
TT <input type="checkbox"/>	3-Phase, (3 wire) <input type="checkbox"/>	Other <input type="checkbox"/>			External loop impedance, Z _e	(2) <input type="text" value="n/a"/>	Ω	<input type="text" value="N/A"/>	A	
IT <input type="checkbox"/>	3-Phase, (4 wire) <input type="checkbox"/>				<small>Note:</small> (1) by details; (2) by enquiry or measurement					

PARTICULARS OF INSTALLATION REFERRED TO IN THE REPORT

Method of protection against indirect contact	Means of Earthing	Maximum Demand		
EEBADOS (See 413-02) <input type="checkbox"/>	Suppliers facility <input type="checkbox"/>	Maximum Demand (load)	<input type="text" value="n/a"/>	A per phase
OTHER <input type="text" value="n/a"/>	Installation earth electrode <input type="checkbox"/>	Details of Installation Earth Electrode (where applicable)		
		Type (eg rod(s), tape etc)	Location	Electrode resistance to earth
		<input type="text"/>	<input type="text"/>	<input type="text" value="n/a"/> Ω

Main Protective Conductors

Earthing Conductor	material	<input type="text" value="n/a"/>	CSA	<input type="text" value="n/a"/>	mm ²
Main equipotential bonding conductors	material	<input type="text" value="n/a"/>	CSA	<input type="text" value="n/a"/>	mm ²
To incoming water service <input type="checkbox"/>	To incoming gas service <input type="checkbox"/>	To incoming oil service <input type="checkbox"/>	To structural steel <input type="checkbox"/>		
To lightning protection <input type="checkbox"/>	To other incoming service(s) <input type="checkbox"/>	<input type="text"/>			

Main Switch or Circuit-Breaker

Type and No of poles	<input type="text" value="Type N/A - n/a pole"/>	Current rating	<input type="text" value="N/A"/>	A	Voltage rating	<input type="text" value="n/a"/>	V
Location	<input type="text" value="n/a"/>	Fuse rating or setting	<input type="text" value="n/a"/>	A			
Rated residual Operating current, I _{Δn}	<input type="text" value="N/A"/>	mA	and operating time of	<input type="text" value="N/A"/>	ms	<small>(applicable only where an RCCB is suitable and is used as a main circuit breaker)</small>	

OBSERVATIONS AND RECOMMENDATIONS

Referring to the Schedule(s) of the Inspection and test Results, and subject to the limitations specified at the Extent and Limitations of the Inspection section	No Remedial work is required <input type="checkbox"/>
Recommendation	The following observations are made <input checked="" type="checkbox"/>
1 - See defects report.	code (see below)
	1

1. 'requires urgent attention' 2. 'requires improvement' 3. 'requires further investigation'
4. 'does not comply with BS 7671:2001 (as amended) This does not imply that the electrical installation is unsafe.'

SUMMARY OF THE INSPECTION

Date of the inspection:	<input type="text" value="21/03/2002"/>
General condition of the installation:	<input type="text" value="Average Installation."/>

SCHEDULES

The attached Test Result Schedules are part of this document and this Report is valid only when Test Result Schedules are attached to it. 32 pages of circuit details and test results are attached.

BOARD DETAILS

TO BE COMPLETED IN EVERY CASE		ONLY TO BE COMPLETED IF THE DISTRIBUTION BOARD IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION			
Location of distribution board	1st Flr North Riser	Supply to distribution board is from	Sub Mains(LV Switch Panel 02, 1/TP)		Associated RCD (if any)
Distribution board designation	DB 1N	No of phases	3	Nominal Voltage	240 V
		Overcurrent protective device for the distribution circuit			
		Type BS(EN)	88 Fuse HRC gG	Rating	100 A
				RCD No of poles	N/A
				RCD rating, $I_{\Delta n}$	N/A mA

CIRCUIT DETAILS

Circuit number and phase	Circuit designation	Type of wiring	Reference method	No of points served	Circuit conductors csa		Max. permitted disconnection time s	Overcurrent protective device				RCD		Max. permitted Zs Ω
					Live mm ²	cpc mm ²		BS(EN)	Type No	Rating A	Short circuit capacity kA	Op. current $I_{\Delta n}$		
1/R	Ltg+Pwr Busduct West	G	3	U/K	6	6	5	60898 MCB	C	25	9	N/A		0.96
1/Y	Ltg+Pwr Busduct West	G	3	U/K	6	6	5	60898 MCB	C	25	9	N/A		0.96
1/B	Ltg+Pwr Busduct West	G	3	U/K	6	6	5	60898 MCB	C	25	9	N/A		0.96
2/R	Ltg+Pwr Busduct West Ctr	G	3	U/K	6	6	5	60898 MCB	C	25	9	N/A		0.96
2/Y	Ltg+Pwr Busduct West Ctr	G	3	U/K	6	6	5	60898 MCB	C	25	9	N/A		0.96
2/B	Ltg+Pwr Busduct West Ctr	G	3	U/K	6	6	5	60898 MCB	C	25	9	N/A		0.96
3/R	Ltg+Pwr Busduct East Ctr	G	3	U/K	6	6	5	60898 MCB	C	25	9	N/A		0.96
3/Y	Ltg+Pwr Busduct East Ctr	G	3	U/K	6	6	5	60898 MCB	C	25	9	N/A		0.96
3/B	Ltg+Pwr Busduct East Ctr	G	3	U/K	6	6	5	60898 MCB	C	25	9	N/A		0.96
4/R	Ltg+Pwr Busduct East	G	3	U/K	6	6	5	60898 MCB	C	25	9	N/A		0.96
4/Y	Ltg+Pwr Busduct East	G	3	U/K	6	6	5	60898 MCB	C	25	9	N/A		0.96
4/B	Ltg+Pwr Busduct East	G	3	U/K	6	6	5	60898 MCB	C	25	9	N/A		0.96
5/R	SPARE	-	-	-	-	-	-	-	-	-	-	-	-	-
5/Y	SPARE	-	-	-	-	-	-	-	-	-	-	-	-	-
5/B	SPARE	-	-	-	-	-	-	-	-	-	-	-	-	-
6/R	SPARE	-	-	-	-	-	-	-	-	-	-	-	-	-
6/Y	SPARE	-	-	-	-	-	-	-	-	-	-	-	-	-
6/B	SPARE	-	-	-	-	-	-	-	-	-	-	-	-	-
7/R	SPARE	-	-	-	-	-	-	-	-	-	-	-	-	-
7/Y	SPARE	-	-	-	-	-	-	-	-	-	-	-	-	-
7/B	SPARE	-	-	-	-	-	-	-	-	-	-	-	-	-
8/R	Lighting Control	D	2	1	2.5	2.5	5	60898 MCB	C	10	9	N/A		2.40
8/Y	Toilet Lighting	G	2	2	2.5	2.5	5	60898 MCB	C	10	9	N/A		2.40
8/B	SPARE	-	-	-	-	-	-	-	-	-	-	-	-	-

WIRING CODES

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

BOARD TESTS

ONLY TO BE COMPLETED IF THE DISTRIBUTION BOARD IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Zs Ω Operating times of associated RCD (if any) At $I_{\Delta n}$ ms
 Ipf kA At $5I_{\Delta n}$ (if applicable) ms

TEST INSTRUMENTS (SERIAL NUMBERS) USED

Earth fault loop impedance

RCD

Insulation resistance

Other

Continuity

Other

CIRCUIT TESTS

Circuit number and phase	Circuit impedances					Insulation resistance				Polaris y	Maximum measured earth fault loop impedance	RCD operating times	
	Ω			All circuits (At least one column to be completed)		Phase/Phase	Phase/Neutral	Phase/Earth	Earth/Neutral			At $I_{\Delta n}$	At $5I_{\Delta n}$ (if applicable)
	r_1 (phases)	r_n (Neutral)	r_2 (cpc)	$R_1 + R_2$	R_2	M Ω	M Ω	M Ω	M Ω			ms	ms
1/R	N/A	N/A	N/A	0.34	N/A	N/A	Unable	To	Test		0.34	N/A	N/A
1/Y	N/A	N/A	N/A	0.34	N/A	N/A	Unable	To	Test		0.34	N/A	N/A
1/B	N/A	N/A	N/A	0.34	N/A	N/A	Unable	To	Test		0.34	N/A	N/A
2/R	N/A	N/A	N/A	0.33	N/A	N/A	Unable	To	Test		0.38	N/A	N/A
2/Y	N/A	N/A	N/A	0.33	N/A	N/A	Unable	To	Test		0.38	N/A	N/A
2/B	N/A	N/A	N/A	0.33	N/A	N/A	Unable	To	Test		0.38	N/A	N/A
3/R	N/A	N/A	N/A	0.25	N/A	N/A	Unable	To	Test		0.30	N/A	N/A
3/Y	N/A	N/A	N/A	0.25	N/A	N/A	Unable	To	Test		0.30	N/A	N/A
3/B	N/A	N/A	N/A	0.25	N/A	N/A	Unable	To	Test		0.30	N/A	N/A
4/R	N/A	N/A	N/A	0.32	N/A	N/A	Unable	To	Test		0.37	N/A	N/A
4/Y	N/A	N/A	N/A	0.32	N/A	N/A	Unable	To	Test		0.37	N/A	N/A
4/B	N/A	N/A	N/A	0.32	N/A	N/A	Unable	To	Test		0.37	N/A	N/A
5/R	-	-	-	-	-	-	-	-	-		-	-	-
5/Y	-	-	-	-	-	-	-	-	-		-	-	-
5/B	-	-	-	-	-	-	-	-	-		-	-	-
6/R	-	-	-	-	-	-	-	-	-		-	-	-
6/Y	-	-	-	-	-	-	-	-	-		-	-	-
6/B	-	-	-	-	-	-	-	-	-		-	-	-
7/R	-	-	-	-	-	-	-	-	-		-	-	-
7/Y	-	-	-	-	-	-	-	-	-		-	-	-
7/B	-	-	-	-	-	-	-	-	-		-	-	-
8/R	N/A	N/A	N/A	0.01	N/A	N/A	N/A	N/A	N/A		0.06	N/A	N/A
8/Y	N/A	N/A	N/A	0.09	N/A	N/A	N/A	N/A	N/A		0.14	N/A	N/A
8/B	-	-	-	-	-	-	-	-	-		-	-	-

TESTED BY

Signature

Position

Name

Date of testing

BOARD DETAILS

TO BE COMPLETED IN EVERY CASE		ONLY TO BE COMPLETED IF THE DISTRIBUTION BOARD IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION			
Location of distribution board	1st Flr North Riser	Supply to distribution board is from	Sub Mains(LV Switch Panel 02, 1/TP)		Associated RCD (if any)
Distribution board designation	DB 1N	No of phases	3	Nominal Voltage	240 V
		Overcurrent protective device for the distribution circuit			
		Type BS(EN)	88 Fuse HRC gG	Rating	100 A
				RCD No of poles	N/A
				RCD rating, $I_{\Delta n}$	N/A mA

CIRCUIT DETAILS

Circuit number and phase	Circuit designation	Type of wiring	Reference method	No of points served	Circuit conductors csa		Max permitted disconnection time s	Overcurrent protective device				RCD Op. current $I_{\Delta n}$	Max permitted Zs Ω
					Live mm ²	cpc mm ²		BS(EN)	Type No	Rating A	Short circuit capacity kA		
9/R	Water Heater	D	U/K	1	2.5	2.5	0.4	60898 MCB	C	20	9	N/A	1.20
9/Y	Water Heater	D	U/K	1	2.5	2.5	0.4	60898 MCB	C	20	9	N/A	1.20
9/B	Water Heater	D	U/K	1	2.5	2.5	0.4	60898 MCB	C	20	9	N/A	1.20
10/R	F/Toilet H/Dryer+S/O	D	U/K	2	4	4	0.4	60898 MCB	B	32	9	N/A	1.50
10/Y	SPARE	-	-	-	-	-	-	-	-	-	-	-	-
10/B	M/Toilet H/Dryer+S/O	D	U/K	2	4	4	0.4	60898 MCB	C	32	9	N/A	0.75
11/R	SPARE	-	-	-	-	-	-	-	-	-	-	-	-
11/Y	SPARE	-	-	-	-	-	-	-	-	-	-	-	-
11/B	SPARE	-	-	-	-	-	-	-	-	-	-	-	-
12/R	SPARE	-	-	-	-	-	-	-	-	-	-	-	-
12/Y	SPARE	-	-	-	-	-	-	-	-	-	-	-	-
12/B	SPARE	-	-	-	-	-	-	-	-	-	-	-	-
13/R	SPARE	-	-	-	-	-	-	-	-	-	-	-	-
13/Y	SPARE	-	-	-	-	-	-	-	-	-	-	-	-
13/B	SPARE	-	-	-	-	-	-	-	-	-	-	-	-
14/R	SPARE	-	-	-	-	-	-	-	-	-	-	-	-
14/Y	SPARE	-	-	-	-	-	-	-	-	-	-	-	-
14/B	SPARE	-	-	-	-	-	-	-	-	-	-	-	-
15/R	Under Flr Bus West	G	U/K	1	10	10	0.4	3871 MCB	2	50	9	N/A	0.69
15/Y	SPARE	-	-	-	-	-	-	-	-	-	-	-	-
15/B	Under Flr Bus South Ctr	G	U/K	1	10	10	0.4	3871 MCB	2	50	9	N/A	0.69
16/R	Under Flr Bus North Ctr	G	U/K	1	10	10	0.4	3871 MCB	2	50	9	N/A	0.69
16/Y	Under Flr Bus North West	G	U/K	1	10	10	0.4	3871 MCB	2	50	9	N/A	0.69
16/B	Under Flr Bus East	G	U/K	1	10	10	0.4	3871 MCB	2	50	9	N/A	0.69

WIRING CODES

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

BOARD TESTS

ONLY TO BE COMPLETED IF THE DISTRIBUTION BOARD IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

TEST INSTRUMENTS (SERIAL NUMBERS) USED

Zs	0.05 Ω	Operating times of associated RCD (if any)	At $I_{\Delta n}$	N/A ms	Earth fault loop impedance	4100158	RCD	3366332
Ipf	4.8 kA		At 5 $I_{\Delta n}$ (if applicable)	N/A ms	Insulation resistance	4104785	Other	N/A
					Continuity	4104785	Other	N/A

CIRCUIT TESTS

Circuit number and phase	Circuit impedances Ω					Insulation resistance				Polarity	Maximum measured earth fault loop impedance Ω	RCD operating times	
	Ring final circuits only (measured end to end)			All circuits (At least one column to be completed)		Phase/Phase	Phase/Neutral	Phase/Earth	Earth/Neutral			At $I_{\Delta n}$	At 5 $I_{\Delta n}$ (if applicable)
	r_1 (phases)	r_n (Neutral)	r_2 (cpc)	$R_1 + R_2$	R_2	M Ω	M Ω	M Ω	M Ω			ms	ms
9/R	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A		N/A	N/A	N/A
9/Y	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A		N/A	N/A	N/A
9/B	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A		N/A	N/A	N/A
10/R	N/A	N/A	N/A	0.08	N/A	N/A	N/A	N/A	N/A		0.13	N/A	N/A
10/Y	-	-	-	-	-	-	-	-	-		-	-	-
10/B	N/A	N/A	N/A	0.13	N/A	N/A	N/A	N/A	N/A		0.18	N/A	N/A
11/R	-	-	-	-	-	-	-	-	-		-	-	-
11/Y	-	-	-	-	-	-	-	-	-		-	-	-
11/B	-	-	-	-	-	-	-	-	-		-	-	-
12/R	-	-	-	-	-	-	-	-	-		-	-	-
12/Y	-	-	-	-	-	-	-	-	-		-	-	-
12/B	-	-	-	-	-	-	-	-	-		-	-	-
13/R	-	-	-	-	-	-	-	-	-		-	-	-
13/Y	-	-	-	-	-	-	-	-	-		-	-	-
13/B	-	-	-	-	-	-	-	-	-		-	-	-
14/R	-	-	-	-	-	-	-	-	-		-	-	-
14/Y	-	-	-	-	-	-	-	-	-		-	-	-
14/B	-	-	-	-	-	-	-	-	-		-	-	-
15/R	N/A	N/A	N/A	0.09	N/A	N/A	N/A	N/A	N/A		0.14	N/A	N/A
15/Y	-	-	-	-	-	-	-	-	-		-	-	-
15/B	N/A	N/A	N/A	0.11	N/A	N/A	N/A	N/A	N/A		0.18	N/A	N/A
16/R	N/A	N/A	N/A	0.06	N/A	N/A	N/A	N/A	N/A		0.11	N/A	N/A
16/Y	N/A	N/A	N/A	0.17	N/A	N/A	N/A	N/A	N/A		0.22	N/A	N/A
16/B	N/A	N/A	N/A	0.27	N/A	N/A	N/A	N/A	N/A		0.32	N/A	N/A

TESTED BY

Signature		Position	Qualified Manager
Name	Dave Dowsett	Date of testing	

BOARD DETAILS

TO BE COMPLETED IN EVERY CASE		ONLY TO BE COMPLETED IF THE DISTRIBUTION BOARD IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION	
Location of distribution board	1st Flr South Riser	Supply to distribution board is from	Sub Mains(LV Switch Panel 02, 2/TP)
Distribution board designation	DB 1S	No of phases	3
		Nominal Voltage	415 V
		Overcurrent protective device for the distribution circuit	
		Type BS(EN)	88 Fuse HRC gG
		Rating	100 A
		Associated RCD (if any)	
		BS(EN)	N/A
		RCD No of poles	N/A
		RCD rating, $I_{\Delta n}$	N/A mA

CIRCUIT DETAILS

Circuit number and phase	Circuit designation	Type of wiring	Reference method	No of points served	Circuit conductors csa		Max. permitted disconnection time s	Overcurrent protective device				RCD Op. current $I_{\Delta n}$	Max. permitted Zs Ω
					Live mm ²	cpc mm ²		BS(EN)	Type No	Rating A	Short circuit capacity kA		
1/R	Ltg+Pwr Busduct (West)	B/D	U/K	U/K	6	6	5	60898 MCB	C	25	9	N/A	0.96
1/Y	Ltg+Pwr Busduct (West)	B/D	U/K	U/K	6	6	5	60898 MCB	C	25	9	N/A	0.96
1/B	Ltg+Pwr Busduct (West)	B/D	U/K	U/K	6	6	5	60898 MCB	C	25	9	N/A	0.96
2/R	Ltg+Pwr Busduct (Central)	B/D	U/K	U/K	6	6	5	60898 MCB	C	25	9	N/A	0.96
2/Y	Ltg+Pwr Busduct (Central)	B/D	U/K	U/K	6	6	5	60898 MCB	C	25	9	N/A	0.96
2/B	Ltg+Pwr Busduct (Central)	B/D	U/K	U/K	6	6	5	60898 MCB	C	25	9	N/A	0.96
3/R	Ltg+Pwr Busduct (East)	B/D	U/K	U/K	6	6	5	60898 MCB	C	25	9	N/A	0.96
3/Y	Ltg+Pwr Busduct (East)	B/D	U/K	U/K	6	6	5	60898 MCB	C	25	9	N/A	0.96
3/B	Ltg+Pwr Busduct (East)	B/D	U/K	U/K	6	6	5	60898 MCB	C	25	9	N/A	0.96
4/R	Ltg+Pwr Busduct (South)	B/D	U/K	U/K	6	6	5	60898 MCB	C	25	9	N/A	0.96
4/Y	Ltg+Pwr Busduct (South)	B/D	U/K	U/K	6	6	5	60898 MCB	C	25	9	N/A	0.96
4/B	Ltg+Pwr Busduct (South)	B/D	U/K	U/K	6	6	5	60898 MCB	C	25	9	N/A	0.96
5/R	Ltg+Pwr Busduct (North)	B/D	U/K	U/K	6	6	5	60898 MCB	C	25	9	N/A	0.96
5/Y	Ltg+Pwr Busduct (North)	B/D	U/K	U/K	6	6	5	60898 MCB	C	25	9	N/A	0.96
5/B	Ltg+Pwr Busduct (North)	B/D	U/K	U/K	6	6	5	60898 MCB	C	25	9	N/A	0.96
6/R	SPARE	-	-	-	-	-	-	-	-	-	-	-	-
6/Y	SPARE	-	-	-	-	-	-	-	-	-	-	-	-
6/B	SPARE	-	-	-	-	-	-	-	-	-	-	-	-
7/R	SPARE	-	-	-	-	-	-	-	-	-	-	-	-
7/Y	SPARE	-	-	-	-	-	-	-	-	-	-	-	-
7/B	SPARE	-	-	-	-	-	-	-	-	-	-	-	-
8/R	Lighting Control Box	B/D	U/K	U/K	2.5	2.5	5	60898 MCB	C	10	9	N/A	2.40
8/Y	Toilet Ltg + Shaver	B/D	U/K	U/K	2.5	2.5	5	60898 MCB	C	10	9	N/A	2.40
8/B	SPARE	-	-	-	-	-	-	-	-	-	-	-	-

WIRING CODES

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

BOARD TESTS

ONLY TO BE COMPLETED IF THE DISTRIBUTION BOARD IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Zs Ω Operating times of associated RCD (if any) At $I_{\Delta n}$ ms
 Ipf kA At 5I Δn (if applicable) ms

TEST INSTRUMENTS (SERIAL NUMBERS) USED

Earth fault loop impedance

4100158

RCD

3366332

Insulation resistance

4104785

Other

N/A

Continuity

4104785

Other

N/A

CIRCUIT TESTS

Circuit number and phase	Circuit impedances Ω					Insulation resistance				Polarity	Maximum measured earth fault loop impedance Ω	RCD operating times	
	Ring final circuits only (measured end to end)			All circuits (At least one column to be completed)		Phase/Phase	Phase/Neutral	Phase/Earth	Earth/Neutral			At $I_{\Delta n}$	At 5I Δn (if applicable)
	r_1 (phases)	r_n (Neutral)	r_2 (cpc)	$R_1 + R_2$	R_2	M Ω	M Ω	M Ω	M Ω			ms	ms
1/R	N/A	N/A	N/A	0.43	N/A	N/A	N/A	N/A	N/A	✓	0.48	N/A	N/A
1/Y	N/A	N/A	N/A	0.43	N/A	N/A	Unable	To	Test	✓	0.48	N/A	N/A
1/B	N/A	N/A	N/A	0.43	N/A	N/A	Unable	To	Test	✓	0.48	N/A	N/A
2/R	N/A	N/A	N/A	0.22	N/A	N/A	Unable	To	Test	✓	0.27	N/A	N/A
2/Y	N/A	N/A	N/A	0.22	N/A	N/A	Unable	To	Test	✓	0.27	N/A	N/A
2/B	N/A	N/A	N/A	0.22	N/A	N/A	Unable	To	Test	✓	0.27	N/A	N/A
3/R	N/A	N/A	N/A	0.54	N/A	N/A	Unable	To	Test	✓	0.57	N/A	N/A
3/Y	N/A	N/A	N/A	0.54	N/A	N/A	Unable	To	Test	✓	0.57	N/A	N/A
3/B	N/A	N/A	N/A	0.54	N/A	N/A	Unable	To	Test	✓	0.57	N/A	N/A
4/R	N/A	N/A	N/A	0.28	N/A	N/A	Unable	To	Test	✓	0.33	N/A	N/A
4/Y	N/A	N/A	N/A	0.28	N/A	N/A	Unable	To	Test	✓	0.33	N/A	N/A
4/B	N/A	N/A	N/A	0.28	N/A	N/A	Unable	To	Test	✓	0.33	N/A	N/A
5/R	N/A	N/A	N/A	0.30	N/A	N/A	Unable	To	Test	✓	0.35	N/A	N/A
5/Y	N/A	N/A	N/A	0.30	N/A	N/A	Unable	To	Test	✓	0.35	N/A	N/A
5/B	N/A	N/A	N/A	0.30	N/A	N/A	Unable	To	Test	✓	0.35	N/A	N/A
6/R	-	-	-	-	-	-	-	-	-	-	-	-	-
6/Y	-	-	-	-	-	-	-	-	-	-	-	-	-
6/B	-	-	-	-	-	-	-	-	-	-	-	-	-
7/R	-	-	-	-	-	-	-	-	-	-	-	-	-
7/Y	-	-	-	-	-	-	-	-	-	-	-	-	-
7/B	-	-	-	-	-	-	-	-	-	-	-	-	-
8/R	N/A	N/A	N/A	0.01	N/A	N/A	200	200	200	✓	0.06	N/A	N/A
8/Y	N/A	N/A	N/A	0.21	N/A	N/A	200	200	200	✓	0.26	N/A	N/A
8/B	-	-	-	-	-	-	-	-	-	-	-	-	-

TESTED BY

Signature

Position

Qualified Manager

Name

Dave Dowsett

Date of testing

BOARD DETAILS

TO BE COMPLETED IN EVERY CASE		ONLY TO BE COMPLETED IF THE DISTRIBUTION BOARD IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION	
Location of distribution board	1st Flr South Riser	Supply to distribution board is from	Sub Mains (LV Switch Panel 02, 2/TP)
Distribution board designation	DB 1S	No of phases	3
		Nominal Voltage	415 V
		Overcurrent protective device for the distribution circuit	
		Type BS(EN)	88 Fuse HRC gG
		Rating	100 A
		Associated RCD (if any)	
		BS(EN)	N/A
		RCD No of poles	N/A
		RCD rating, $I_{\Delta n}$	N/A mA

CIRCUIT DETAILS

Circuit number and phase	Circuit designation	Type of wiring	Reference method	No of points served	Circuit conductors csa		Max. permitted disconnection time s	Overcurrent protective device				RCD Op. current $I_{\Delta n}$	Max. permitted Zs Ω
					Live	cpc		BS(EN)	Type No	Rating A	Short circuit capacity kA		
9/R	Water Heater	B/D	U/K	U/K	2.5	2.5	0.4	60898 MCB	C	20	9	N/A	1.20
9/Y	Water Heater	B/D	U/K	U/K	2.5	2.5	0.4	60898 MCB	C	20	9	N/A	1.20
9/B	Water Heater	B/D	U/K	U/K	2.5	2.5	0.4	60898 MCB	C	20	9	N/A	1.20
10/R	M/Toilet H/Dryer+S/O	B/D	U/K	U/K	4	4	0.4	60898 MCB	B	32	9	N/A	1.50
10/Y	Water Heater	B/D	U/K	U/K	2.5	2.5	0.4	60898 MCB	C	20	9	N/A	1.20
10/B	F/Toilet H/Dryer+S/O	B/D	U/K	U/K	4	4	0.4	60898 MCB	C	32	9	N/A	0.75
11/R	SPARE	-	-	-	-	-	-	-	-	-	-	-	-
11/Y	SPARE	-	-	-	-	-	-	-	-	-	-	-	-
11/B	SPARE	-	-	-	-	-	-	-	-	-	-	-	-
12/R	SPARE	-	-	-	-	-	-	-	-	-	-	-	-
12/Y	SPARE	-	-	-	-	-	-	-	-	-	-	-	-
12/B	SPARE	-	-	-	-	-	-	-	-	-	-	-	-
13/R	SPARE	-	-	-	-	-	-	-	-	-	-	-	-
13/Y	SPARE	-	-	-	-	-	-	-	-	-	-	-	-
13/B	SPARE	-	-	-	-	-	-	-	-	-	-	-	-
14/R	SPARE	-	-	-	-	-	-	-	-	-	-	-	-
14/Y	SPARE	-	-	-	-	-	-	-	-	-	-	-	-
14/B	SPARE	-	-	-	-	-	-	-	-	-	-	-	-
15/R	SPARE	-	-	-	-	-	-	-	-	-	-	-	-
15/Y	Underfloor BusBar (N+W)	B/D	U/K	U/K	10	10	0.4	60898 MCB	B	50	9	N/A	0.96
15/B	Underfloor BusBar (W)	B/D	U/K	U/K	10	10	0.4	60898 MCB	B	50	9	N/A	0.96
16/R	Underfloor BusBar (S)	B/D	U/K	U/K	10	10	0.4	60898 MCB	B	50	9	N/A	0.96
16/Y	SPARE	-	-	-	-	-	-	-	-	-	-	-	-
16/B	Underfloor BusBar (S+C)	B/D	U/K	U/K	10	10	0.4	60898 MCB	B	50	9	N/A	0.96

WIRING CODES

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

BOARD TESTS

ONLY TO BE COMPLETED IF THE DISTRIBUTION BOARD IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Zs Ω Operating times of associated RCD (if any) At 1 Δn ms
 Ipf kA At 51 Δn (if applicable) ms

TEST INSTRUMENTS (SERIAL NUMBERS) USED

Earth fault loop impedance

4100158

RCD

3366332

Insulation resistance

4104785

Other

N/A

Continuity

4104785

Other

N/A

CIRCUIT TESTS

Circuit number and phase	Circuit impedances Ω					Insulation resistance				Polarity	Maximum measured earth fault loop impedance Ω	RCD operating times	
	Ring final circuits only (measured end to end)			All circuits (At least one column to be completed)		Phase/Phase	Phase/Neutral	Phase/Earth	Earth/Neutral			At 1 Δn	At 51 Δn (if applicable)
	r_1 (phases)	r_n (Neutral)	r_2 (cpc)	$R_1 + R_2$	R_2	M Ω	M Ω	M Ω	M Ω			ms	ms
9/R	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A		N/A	N/A	N/A
9/Y	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A		N/A	N/A	N/A
9/B	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A		N/A	N/A	N/A
10/R	N/A	N/A	N/A	0.11	N/A	N/A	200	200	200	✓	0.16	N/A	N/A
10/Y	N/A	N/A	N/A	0.30	N/A	N/A	200	200	200	✓	0.35	N/A	N/A
10/B	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A		N/A	N/A	N/A
11/R	-	-	-	-	-	-	-	-	-		-	-	-
11/Y	-	-	-	-	-	-	-	-	-		-	-	-
11/B	-	-	-	-	-	-	-	-	-		-	-	-
12/R	-	-	-	-	-	-	-	-	-		-	-	-
12/Y	-	-	-	-	-	-	-	-	-		-	-	-
12/B	-	-	-	-	-	-	-	-	-		-	-	-
13/R	-	-	-	-	-	-	-	-	-		-	-	-
13/Y	-	-	-	-	-	-	-	-	-		-	-	-
13/B	-	-	-	-	-	-	-	-	-		-	-	-
14/R	-	-	-	-	-	-	-	-	-		-	-	-
14/Y	-	-	-	-	-	-	-	-	-		-	-	-
14/B	-	-	-	-	-	-	-	-	-		-	-	-
15/R	-	-	-	-	-	-	-	-	-		-	-	-
15/Y	N/A	N/A	N/A	0.22	N/A	N/A	200	200	200	✓	0.27	N/A	N/A
15/B	N/A	N/A	N/A	0.12	N/A	N/A	200	200	200	✓	0.17	N/A	N/A
16/R	N/A	N/A	N/A	0.09	N/A	N/A	200	200	200	✓	0.14	N/A	N/A
16/Y	-	-	-	-	-	-	-	-	-		-	-	-
16/B	N/A	N/A	N/A	0.08	N/A	N/A	200	200	200	✓	0.13	N/A	N/A

TESTED BY

Signature

Position

Qualified Manager

Name

Dave Dowsett

Date of testing

BOARD DETAILS

TO BE COMPLETED IN EVERY CASE		ONLY TO BE COMPLETED IF THE DISTRIBUTION BOARD IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION	
Location of distribution board	2nd Floor North Riser	Supply to distribution board is from	Sub Mains(LV Switch Panel 02, 3/TP)
Distribution board designation	DB 2N	No of phases	3
		Nominal Voltage	415 V
		Overcurrent protective device for the distribution circuit	
		Type BS(EN)	88 Fuse HRC gG
		Rating	100 A
		Associated RCD (if any)	BS(EN) N/A
		RCD No of poles	N/A
		RCD rating, $I_{\Delta n}$	N/A mA

CIRCUIT DETAILS

Circuit number and phase	Circuit designation	Type of wiring	Reference method	No of points served	Circuit conductors csa		Max. permitted disconnection time s	Overcurrent protective device				RCD Op. current $I_{\Delta n}$	Max. permitted Zs Ω
					Live mm ²	cpc mm ²		BS(EN)	Type No	Rating A	Short circuit capacity kA		
1/R	Ltg+Pwr Busduct (W)	G	U/K	U/K	6	6	5	60898 MCB	C	25	9	N/A	0.96
1/Y	Ltg+Pwr Busduct (W)	G	U/K	U/K	6	6	5	60898 MCB	C	25	9	N/A	0.96
1/B	Ltg+Pwr Busduct (W)	G	U/K	U/K	6	6	5	60898 MCB	C	25	9	N/A	0.96
2/R	Ltg+Pwr Busduct (W+C)	G	U/K	U/K	6	6	5	60898 MCB	C	25	9	N/A	0.96
2/Y	Ltg+Pwr Busduct (W+C)	G	U/K	U/K	6	6	5	60898 MCB	C	25	9	N/A	0.96
2/B	Ltg+Pwr Busduct (W+C)	G	U/K	U/K	6	6	5	60898 MCB	C	25	9	N/A	0.96
3/R	Ltg+Pwr Busduct (E+C)	G	U/K	U/K	6	6	5	60898 MCB	C	25	9	N/A	0.96
3/Y	Ltg+Pwr Busduct (E+C)	G	U/K	U/K	6	6	5	60898 MCB	C	25	9	N/A	0.96
3/B	Ltg+Pwr Busduct (E+C)	G	U/K	U/K	6	6	5	60898 MCB	C	25	9	N/A	0.96
4/R	Ltg+Pwr Busduct (E)	G	U/K	U/K	6	6	5	60898 MCB	C	25	9	N/A	0.96
4/Y	Ltg+Pwr Busduct (E)	G	U/K	U/K	6	6	5	60898 MCB	C	25	9	N/A	0.96
4/B	Ltg+Pwr Busduct (E)	G	U/K	U/K	6	6	5	60898 MCB	C	25	9	N/A	0.96
5/R	SPARE	-	-	-	-	-	-	-	-	-	-	-	-
5/Y	SPARE	-	-	-	-	-	-	-	-	-	-	-	-
5/B	SPARE	-	-	-	-	-	-	-	-	-	-	-	-
6/R	SPARE	-	-	-	-	-	-	-	-	-	-	-	-
6/Y	SPARE	-	-	-	-	-	-	-	-	-	-	-	-
6/B	SPARE	-	-	-	-	-	-	-	-	-	-	-	-
7/R	SPARE	-	-	-	-	-	-	-	-	-	-	-	-
7/Y	Underfloor BusBar (W)	F	U/K	U/K	10	10	0.4	60898 MCB	B	50	9	N/A	0.96
7/B	SPARE	-	-	-	-	-	-	-	-	-	-	-	-
8/R	Ltg Control Box	B/D	U/K	U/K	2.5	2.5	5	60898 MCB	C	10	9	N/A	2.40
8/Y	Toilet Ltg	B/D	U/K	U/K	2.5	2.5	5	60898 MCB	C	10	9	N/A	2.40
8/B	SPARE	-	-	-	-	-	-	-	-	-	-	-	-

WIRING CODES

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

BOARD TESTS

ONLY TO BE COMPLETED IF THE DISTRIBUTION BOARD IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

TEST INSTRUMENTS (SERIAL NUMBERS) USED

Zs Ω Operating times of associated RCD (if any) At $I \Delta n$ ms
 Ipf kA At 5I Δn (if applicable) ms

Earth fault loop impedance

4100158

RCD

3366332

Insulation resistance

4104785

Other

N/A

Continuity

4104785

Other

N/A

CIRCUIT TESTS

Circuit number and phase	Circuit impedances Ω					Insulation resistance				Polarity	Maximum measured earth fault loop impedance Ω	RCD operating times	
	Ring final circuits only (measured end to end)			All circuits (At least one column to be completed)		Phase/Phase	Phase/Neutral	Phase/Earth	Earth/Neutral			At $I \Delta n$	At 5I Δn (if applicable)
	r_1 (phases)	r_n (Neutral)	r_2 (cpc)	$R_1 + R_2$	R_2	M Ω	M Ω	M Ω	M Ω			ms	ms
1/R	N/A	N/A	N/A	0.45	N/A	N/A	Unable	To	Test	✓	0.46	N/A	N/A
1/Y	N/A	N/A	N/A	0.45	N/A	N/A	Unable	To	Test	✓	0.46	N/A	N/A
1/B	N/A	N/A	N/A	0.45	N/A	N/A	Unable	To	Test	✓	0.46	N/A	N/A
2/R	N/A	N/A	N/A	0.27	N/A	N/A	Unable	To	Test	✓	0.28	N/A	N/A
2/Y	N/A	N/A	N/A	0.27	N/A	N/A	Unable	To	Test	✓	0.28	N/A	N/A
2/B	N/A	N/A	N/A	0.27	N/A	N/A	Unable	To	Test	✓	0.28	N/A	N/A
3/R	N/A	N/A	N/A	0.34	N/A	N/A	Unable	To	Test	✓	0.35	N/A	N/A
3/Y	N/A	N/A	N/A	0.34	N/A	N/A	Unable	To	Test	✓	0.35	N/A	N/A
3/B	N/A	N/A	N/A	0.34	N/A	N/A	Unable	To	Test	✓	0.35	N/A	N/A
4/R	N/A	N/A	N/A	0.36	N/A	N/A	Unable	To	Test	✓	0.37	N/A	N/A
4/Y	N/A	N/A	N/A	0.36	N/A	N/A	Unable	To	Test	✓	0.37	N/A	N/A
4/B	N/A	N/A	N/A	0.36	N/A	N/A	Unable	To	Test	✓	0.37	N/A	N/A
5/R	-	-	-	-	-	-	-	-	-	-	-	-	-
5/Y	-	-	-	-	-	-	-	-	-	-	-	-	-
5/B	-	-	-	-	-	-	-	-	-	-	-	-	-
6/R	-	-	-	-	-	-	-	-	-	-	-	-	-
6/Y	-	-	-	-	-	-	-	-	-	-	-	-	-
6/B	-	-	-	-	-	-	-	-	-	-	-	-	-
7/R	-	-	-	-	-	-	-	-	-	-	-	-	-
7/Y	N/A	N/A	N/A	0.08	N/A	N/A	+200	+200	+200	✓	0.09	N/A	N/A
7/B	-	-	-	-	-	-	-	-	-	-	-	-	-
8/R	N/A	N/A	N/A	0.02	N/A	N/A	+200	+200	+200	✓	0.03	N/A	N/A
8/Y	N/A	N/A	N/A	N/A	N/A	N/A	Unable	To	Test	✓	0.45	N/A	N/A
8/B	-	-	-	-	-	-	-	-	-	-	-	-	-

TESTED BY

Signature

Position

Qualified Manager

Name

Dave Dowsett

Date of testing

BOARD DETAILS

TO BE COMPLETED IN EVERY CASE		ONLY TO BE COMPLETED IF THE DISTRIBUTION BOARD IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION			
Location of distribution board	2nd Floor North Riser	Supply to distribution board is from	Sub Mains(LV Switch Panel 02, 3/TP)		Associated RCD (if any)
Distribution board designation	DB 2N	No of phases	3	Nominal Voltage	415 V
		Overcurrent protective device for the distribution circuit			
		Type BS(EN)	88 Fuse HRC gG	Rating	100 A
				RCD No of poles	N/A
				RCD rating, $I_{\Delta n}$	N/A mA

CIRCUIT DETAILS

Circuit number and phase	Circuit designation	Type of wiring	Reference method	No of points served	Circuit conductors csa		Max. permitted disconnection time s	Overcurrent protective device				RCD Op. current $I_{\Delta n}$	Max. permitted Zs Ω
					Live mm ²	cpc mm ²		BS(EN)	Type No	Rating A	Short circuit capacity kA		
9/R	Water Heater	B/D	U/K	U/K	2.5	2.5	0.4	60898 MCB	C	20	9	N/A	1.20
9/Y	Water Heater	B/D	U/K	U/K	2.5	2.5	0.4	60898 MCB	C	20	9	N/A	1.20
9/B	Water Heater	B/D	U/K	U/K	2.5	2.5	0.4	60898 MCB	C	20	9	N/A	1.20
10/R	Hand Dryer + S/O	B/D	U/K	U/K	4	4	0.4	60898 MCB	C	32	9	N/A	0.75
10/Y	SPARE	-	-	-	-	-	-	-	-	-	-	-	-
10/B	Hand Dryer + S/O	B/D	U/K	U/K	4	4	0.4	60898 MCB	C	32	9	N/A	0.75
11/R	SPARE	-	-	-	-	-	-	-	-	-	-	-	-
11/Y	SPARE	-	-	-	-	-	-	-	-	-	-	-	-
11/B	SPARE	-	-	-	-	-	-	-	-	-	-	-	-
12/R	SPARE	-	-	-	-	-	-	-	-	-	-	-	-
12/Y	SPARE	-	-	-	-	-	-	-	-	-	-	-	-
12/B	SPARE	-	-	-	-	-	-	-	-	-	-	-	-
13/R	SPARE	-	-	-	-	-	-	-	-	-	-	-	-
13/Y	SPARE	-	-	-	-	-	-	-	-	-	-	-	-
13/B	SPARE	-	-	-	-	-	-	-	-	-	-	-	-
14/R	SPARE	-	-	-	-	-	-	-	-	-	-	-	-
14/Y	SPARE	-	-	-	-	-	-	-	-	-	-	-	-
14/B	SPARE	-	-	-	-	-	-	-	-	-	-	-	-
15/R	SPARE	-	-	-	-	-	-	-	-	-	-	-	-
15/Y	SPARE	-	-	-	-	-	-	-	-	-	-	-	-
15/B	Underflr BusBar (W Centr)	F	U/K	U/K	10	10	0.4	60898 MCB	B	U/K	U/K	U/K	U/K
16/R	Underflr BusBar (E Centr)	F	U/K	U/K	10	10	0.4	60898 MCB	B	U/K	U/K	U/K	U/K
16/Y	Underflr BusBar (E Inner)	F	U/K	U/K	10	10	0.4	60898 MCB	B	U/K	U/K	U/K	U/K
16/B	Underflr BusBar (E Side)	F	U/K	U/K	10	10	0.4	60898 MCB	B	U/K	U/K	U/K	U/K

WIRING CODES

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

BOARD TESTS

ONLY TO BE COMPLETED IF THE DISTRIBUTION BOARD IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

TEST INSTRUMENTS (SERIAL NUMBERS) USED

Zs Ω Operating times of associated RCD (if any) At $I \Delta n$ ms
 Ipf kA At $5I \Delta n$ (if applicable) ms

Earth fault loop impedance

4100158

RCD

3366332

Insulation resistance

4104785

Other

N/A

Continuity

4104785

Other

N/A

CIRCUIT TESTS

Circuit number and phase	Circuit impedances Ω					Insulation resistance				Polarity	Maximum measured earth fault loop impedance Ω	RCD operating times	
	Ring final circuits only (measured end to end)			All circuits (At least one column to be completed)		Phase/Phase	Phase/Neutral	Phase/Earth	Earth/Neutral			At $I \Delta n$	At $5I \Delta n$ (if applicable)
	r_1 (phases)	r_n (Neutral)	r_2 (cpc)	$R_1 + R_2$	R_2	M Ω	M Ω	M Ω	M Ω			ms	ms
9/R	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A		N/A	N/A	N/A
9/Y	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A		N/A	N/A	N/A
9/B	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A		N/A	N/A	N/A
10/R	N/A	N/A	N/A	0.09	N/A	N/A	+200	+200	+200	✓	0.10	N/A	N/A
10/Y	-	-	-	-	-	-	-	-	-		-	-	-
10/B	N/A	N/A	N/A	0.12	N/A	N/A	+200	+200	+200	✓	0.13	N/A	N/A
11/R	-	-	-	-	-	-	-	-	-		-	-	-
11/Y	-	-	-	-	-	-	-	-	-		-	-	-
11/B	-	-	-	-	-	-	-	-	-		-	-	-
12/R	-	-	-	-	-	-	-	-	-		-	-	-
12/Y	-	-	-	-	-	-	-	-	-		-	-	-
12/B	-	-	-	-	-	-	-	-	-		-	-	-
13/R	-	-	-	-	-	-	-	-	-		-	-	-
13/Y	-	-	-	-	-	-	-	-	-		-	-	-
13/B	-	-	-	-	-	-	-	-	-		-	-	-
14/R	-	-	-	-	-	-	-	-	-		-	-	-
14/Y	-	-	-	-	-	-	-	-	-		-	-	-
14/B	-	-	-	-	-	-	-	-	-		-	-	-
15/R	-	-	-	-	-	-	-	-	-		-	-	-
15/Y	-	-	-	-	-	-	-	-	-		-	-	-
15/B	N/A	N/A	N/A	0.12	N/A	N/A	+200	+200	+200	✓	0.13	N/A	N/A
16/R	N/A	N/A	N/A	0.06	N/A	N/A	+200	+200	+200	✓	0.07	N/A	N/A
16/Y	N/A	N/A	N/A	0.06	N/A	N/A	+200	+200	+200	✓	0.07	N/A	N/A
16/B	N/A	N/A	N/A	0.09	N/A	N/A	+200	+200	+200	✓	0.10	N/A	N/A

TESTED BY

Signature

Position

Qualified Manager

Name

Dave Dowsett

Date of testing

BOARD DETAILS

TO BE COMPLETED IN EVERY CASE		ONLY TO BE COMPLETED IF THE DISTRIBUTION BOARD IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION			
Location of distribution board	2nd Floor Riser South	Supply to distribution board is from	Sub Mains(LV Switch Panel 02, 4/TP)		Associated RCD (if any)
Distribution board designation	DB 2S	No of phases	3	Nominal Voltage	240 V
		Overcurrent protective device for the distribution circuit			
		Type BS(EN)	88 Fuse HRC gG	Rating	100 A
				RCD No of poles	N/A
				RCD rating, $I_{\Delta n}$	N/A mA

CIRCUIT DETAILS

Circuit number and phase	Circuit designation	Type of wiring	Reference method	No of points served	Circuit conductors csa		Max. permitted disconnection time s	Overcurrent protective device				RCD Op. current $I_{\Delta n}$	Max. permitted Zs Ω
					Live mm ²	cpc mm ²		BS(EN)	Type No	Rating A	Short circuit capacity kA		
1/R	Ltg Busduct Middle End	G	U/K	U/K	6	6	5	60898 MCB	C	25	9	N/A	0.96
1/Y	Ltg Busduct Middle End	G	U/K	U/K	6	6	5	60898 MCB	C	25	9	N/A	0.96
1/B	Ltg Busduct Middle End	G	U/K	U/K	6	6	5	60898 MCB	C	25	9	N/A	0.96
2/R	Ltg Busduct Middle West	G	U/K	U/K	6	6	5	60898 MCB	C	25	9	N/A	0.96
2/Y	Ltg Busduct Middle West	G	U/K	U/K	6	6	5	60898 MCB	C	25	9	N/A	0.96
2/B	Ltg Busduct Middle West	G	U/K	U/K	6	6	5	60898 MCB	C	25	9	N/A	0.96
3/R	Ltg Busduct West	G	U/K	U/K	6	6	5	60898 MCB	C	25	9	N/A	0.96
3/Y	Ltg Busduct West	G	U/K	U/K	6	6	5	60898 MCB	C	25	9	N/A	0.96
3/B	Ltg Busduct West	G	U/K	U/K	6	6	5	60898 MCB	C	25	9	N/A	0.96
4/R	Ltg Busduct Central	G	U/K	U/K	6	6	5	60898 MCB	C	25	9	N/A	0.96
4/Y	Ltg Busduct Central	G	U/K	U/K	6	6	5	60898 MCB	C	25	9	N/A	0.96
4/B	Ltg Busduct Central	G	U/K	U/K	6	6	5	60898 MCB	C	25	9	N/A	0.96
5/R	Ltg Busduct Mid Centre	G	U/K	U/K	6	6	5	60898 MCB	C	25	9	N/A	0.96
5/Y	Ltg Busduct Mid Centre	G	U/K	U/K	6	6	5	60898 MCB	C	25	9	N/A	0.96
5/B	Ltg Busduct Mid Centre	G	U/K	U/K	6	6	5	60898 MCB	C	25	9	N/A	0.96
6/R	Ltg Busduct East	G	U/K	U/K	6	6	5	60898 MCB	C	25	9	N/A	0.96
6/Y	Ltg Busduct East	G	U/K	U/K	6	6	5	60898 MCB	C	25	9	N/A	0.96
6/B	Ltg Busduct East	G	U/K	U/K	6	6	5	60898 MCB	C	25	9	N/A	0.96
7/R	Ltg Busduct South	G	U/K	U/K	6	6	5	60898 MCB	C	25	9	N/A	0.96
7/Y	Ltg Busduct South	G	U/K	U/K	6	6	5	60898 MCB	C	25	9	N/A	0.96
7/B	Ltg Busduct South	G	U/K	U/K	6	6	5	60898 MCB	C	25	9	N/A	0.96
8/R	Ltg Control	D	U/K	U/K	2.5	2.5	5	60898 MCB	C	10	9	N/A	2.40
8/Y	Toilet Ltg	G	U/K	U/K	2.5	2.5	5	60898 MCB	C	10	9	N/A	2.40
8/B	SPARE	-	-	-	-	-	-	-	-	-	-	-	-

WIRING CODES

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

BOARD TESTS

ONLY TO BE COMPLETED IF THE DISTRIBUTION BOARD IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Zs Ω Operating times of associated RCD (if any) At Δn ms
 Ipf kA At 5I Δn (if applicable) ms

TEST INSTRUMENTS (SERIAL NUMBERS) USED

Earth fault loop impedance

4100158

RCD

3366332

Insulation resistance

4104785

Other

N/A

Continuity

4104785

Other

N/A

CIRCUIT TESTS

Circuit number and phase	Circuit impedances Ω					Insulation resistance				Polarity	Maximum measured earth fault loop impedance Ω	RCD operating times	
	Ring final circuits only (measured end to end)			All circuits (At least one column to be completed)		Phase/Phase	Phase/Neutral	Phase/Earth	Earth/Neutral			At Δn	At 5I Δn (if applicable)
	r_1 (phases)	r_n (Neutral)	r_2 (cpc)	$R_1 + R_2$	R_2	M Ω	M Ω	M Ω	M Ω			ms	ms
1/R	N/A	N/A	N/A	0.31	N/A	N/A	Unable	To	Test	✓	0.32	N/A	N/A
1/Y	N/A	N/A	N/A	0.31	N/A	N/A	Unable	To	Test	✓	0.32	N/A	N/A
1/B	N/A	N/A	N/A	0.31	N/A	N/A	Unable	To	Test	✓	0.32	N/A	N/A
2/R	N/A	N/A	N/A	0.5	N/A	N/A	Unable	To	Test	✓	0.51	N/A	N/A
2/Y	N/A	N/A	N/A	0.5	N/A	N/A	Unable	To	Test	✓	0.51	N/A	N/A
2/B	N/A	N/A	N/A	0.5	N/A	N/A	Unable	To	Test	✓	0.51	N/A	N/A
3/R	N/A	N/A	N/A	0.34	N/A	N/A	Unable	To	Test	✓	0.35	N/A	N/A
3/Y	N/A	N/A	N/A	0.34	N/A	N/A	Unable	To	Test	✓	0.35	N/A	N/A
3/B	N/A	N/A	N/A	0.34	N/A	N/A	Unable	To	Test	✓	0.35	N/A	N/A
4/R	N/A	N/A	N/A	0.26	N/A	N/A	Unable	To	Test	✓	0.27	N/A	N/A
4/Y	N/A	N/A	N/A	0.26	N/A	N/A	Unable	To	Test	✓	0.27	N/A	N/A
4/B	N/A	N/A	N/A	0.26	N/A	N/A	Unable	To	Test	✓	0.27	N/A	N/A
5/R	N/A	N/A	N/A	0.34	N/A	N/A	Unable	To	Test	✓	0.35	N/A	N/A
5/Y	N/A	N/A	N/A	0.34	N/A	N/A	Unable	To	Test	✓	0.35	N/A	N/A
5/B	N/A	N/A	N/A	0.34	N/A	N/A	Unable	To	Test	✓	0.35	N/A	N/A
6/R	N/A	N/A	N/A	0.36	N/A	N/A	Unable	To	Test	✓	0.37	N/A	N/A
6/Y	N/A	N/A	N/A	0.36	N/A	N/A	Unable	To	Test	✓	0.37	N/A	N/A
6/B	N/A	N/A	N/A	0.36	N/A	N/A	Unable	To	Test	✓	0.37	N/A	N/A
7/R	N/A	N/A	N/A	0.24	N/A	N/A	Unable	To	Test	✓	0.25	N/A	N/A
7/Y	N/A	N/A	N/A	0.24	N/A	N/A	Unable	To	Test	✓	0.25	N/A	N/A
7/B	N/A	N/A	N/A	0.24	N/A	N/A	Unable	To	Test	✓	0.25	N/A	N/A
8/R	N/A	N/A	N/A	0.01	N/A	N/A	Unable	To	Test	✓	0.02	N/A	N/A
8/Y	N/A	N/A	N/A	0.24	N/A	N/A	Unable	To	Test	✓	0.25	N/A	N/A
8/B	-	-	-	-	-	-	-	-	-	-	-	-	-

TESTED BY

Signature

Position

Qualified Manager

Name

Dave Dowsett

Date of testing

BOARD DETAILS

TO BE COMPLETED IN EVERY CASE		ONLY TO BE COMPLETED IF THE DISTRIBUTION BOARD IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION	
Location of distribution board	2nd Floor Riser South	Supply to distribution board is from	Sub Mains(LV Switch Panel 02, 4/TP)
Distribution board designation	DB 2S	No of phases	3
		Nominal Voltage	240 V
		Overcurrent protective device for the distribution circuit	
		Type BS(EN)	88 Fuse HRC gG
		Rating	100 A
		Associated RCD (if any)	BS(EN) N/A
		RCD No of poles	N/A
		RCD rating, $I_{\Delta n}$	N/A mA

CIRCUIT DETAILS

Circuit number and phase	Circuit designation	Type of wiring	Reference method	No of points served	Circuit conductors csa		Max. permitted disconnection time s	Overcurrent protective device				RCD Op. current Δn	Max. permitted Zs Ω
					Live mm ²	cpc mm ²		BS(EN)	Type No	Rating A	Short circuit capacity kA		
9/R	Water Heater	D	U/K	U/K	2.5	2.5	5	60898 MCB	C	20	9	N/A	1.20
9/Y	Water Heater	D	U/K	U/K	2.5	2.5	5	60898 MCB	C	20	9	N/A	1.20
9/B	Water Heater	D	U/K	U/K	2.5	2.5	5	60898 MCB	C	20	9	N/A	1.20
10/R	M/Toilet H/Dryer+S/O	D	U/K	2	4	4	0.4	60898 MCB	C	32	9	N/A	0.75
10/Y	Water Heater	D	U/K	U/K	2.5	2.5	5	60898 MCB	C	20	9	N/A	1.20
10/B	F/Toilet H/Dryer+S/O	D	U/K	2	4	4	0.4	60898 MCB	C	32	9	N/A	0.75
11/R	SPARE	-	-	-	-	-	-	-	-	-	-	-	-
11/Y	SPARE	-	-	-	-	-	-	-	-	-	-	-	-
11/B	SPARE	-	-	-	-	-	-	-	-	-	-	-	-
12/R	SPARE	-	-	-	-	-	-	-	-	-	-	-	-
12/Y	SPARE	-	-	-	-	-	-	-	-	-	-	-	-
12/B	SPARE	-	-	-	-	-	-	-	-	-	-	-	-
13/R	SPARE	-	-	-	-	-	-	-	-	-	-	-	-
13/Y	SPARE	-	-	-	-	-	-	-	-	-	-	-	-
13/B	SPARE	-	-	-	-	-	-	-	-	-	-	-	-
14/R	SPARE	-	-	-	-	-	-	-	-	-	-	-	-
14/Y	SPARE	-	-	-	-	-	-	-	-	-	-	-	-
14/B	SPARE	-	-	-	-	-	-	-	-	-	-	-	-
15/R	SPARE	-	-	-	-	-	-	-	-	-	-	-	-
15/Y	Underflr BusBar Mid West	G	U/K	1	10	10	0.4	60898 MCB	B	50	9	N/A	0.96
15/B	Underflr BusBar W+Centre	G	U/K	1	10	10	0.4	60898 MCB	B	50	9	N/A	0.96
16/R	Underflr BusBar West	G	U/K	1	10	10	0.4	60898 MCB	B	50	9	N/A	0.96
16/Y	Underflr BusBar E Inner+S	G	U/K	1	10	10	0.4	60898 MCB	B	50	9	N/A	0.96
16/B	Underflr BusBar Sth East	G	U/K	1	10	10	0.4	60898 MCB	B	50	9	N/A	0.96

WIRING CODES

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

BOARD TESTS

ONLY TO BE COMPLETED IF THE DISTRIBUTION BOARD IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Zs Ω Operating times of associated RCD (if any) At $I \Delta n$ ms
 Ipf kA At $5I \Delta n$ (if applicable) ms

TEST INSTRUMENTS (SERIAL NUMBERS) USED

Earth fault loop impedance

RCD

Insulation resistance

Other

Continuity

Other

CIRCUIT TESTS

Circuit number and phase	Circuit impedances Ω					Insulation resistance				Polarity	Maximum measured earth fault loop impedance Ω	RCD operating times	
	Ring final circuits only (measured end to end)			All circuits (At least one column to be completed)		Phase/Phase	Phase/Neutral	Phase/Earth	Earth/Neutral			At $I \Delta n$	At $5I \Delta n$ (if applicable)
	r_1 (phases)	r_n (Neutral)	r_2 (cpc)	$R_1 + R_2$	R_2	M Ω	M Ω	M Ω	M Ω			ms	ms
9/R	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A		N/A	N/A	N/A
9/Y	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A		N/A	N/A	N/A
9/B	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A		N/A	N/A	N/A
10/R	N/A	N/A	N/A	0.14	N/A	N/A	200	200	200	✓	0.15	N/A	N/A
10/Y	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A		N/A	N/A	N/A
10/B	N/A	N/A	N/A	0.29	N/A	N/A	200	200	200	✓	0.3	N/A	N/A
11/R	-	-	-	-	-	-	-	-	-		-	-	-
11/Y	-	-	-	-	-	-	-	-	-		-	-	-
11/B	-	-	-	-	-	-	-	-	-		-	-	-
12/R	-	-	-	-	-	-	-	-	-		-	-	-
12/Y	-	-	-	-	-	-	-	-	-		-	-	-
12/B	-	-	-	-	-	-	-	-	-		-	-	-
13/R	-	-	-	-	-	-	-	-	-		-	-	-
13/Y	-	-	-	-	-	-	-	-	-		-	-	-
13/B	-	-	-	-	-	-	-	-	-		-	-	-
14/R	-	-	-	-	-	-	-	-	-		-	-	-
14/Y	-	-	-	-	-	-	-	-	-		-	-	-
14/B	-	-	-	-	-	-	-	-	-		-	-	-
15/R	-	-	-	-	-	-	-	-	-		-	-	-
15/Y	N/A	N/A	N/A	0.14	N/A	N/A	Unable	To	Test	✓	0.15	N/A	N/A
15/B	N/A	N/A	N/A	0.2	N/A	N/A	Unable	To	Test	✓	0.21	N/A	N/A
16/R	N/A	N/A	N/A	0.19	N/A	N/A	Unable	To	Test	✓	0.2	N/A	N/A
16/Y	N/A	N/A	N/A	0.07	N/A	N/A	Unable	To	Test	✓	0.08	N/A	N/A
16/B	N/A	N/A	N/A	0.21	N/A	N/A	Unable	To	Test	✓	0.22	N/A	N/A

TESTED BY

Signature

Position

Name

Date of testing

BOARD DETAILS

TO BE COMPLETED IN EVERY CASE		ONLY TO BE COMPLETED IF THE DISTRIBUTION BOARD IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION			
Location of distribution board	3rd Floor North Riser	Supply to distribution board is from	Sub Mains(LV Switch Panel 02, 5/TP)		Associated RCD (if any)
Distribution board designation	DB 3N	No of phases	3	Nominal Voltage	415 V
		Overcurrent protective device for the distribution circuit			
		Type BS(EN)	88 Fuse HRC gG	Rating	100 A
				RCD No of poles	N/A
				RCD rating, $I_{\Delta n}$	N/A mA

CIRCUIT DETAILS

Circuit number and phase	Circuit designation	Type of wiring	Reference method	No of points served	Circuit conductors csa		Max. permitted disconnection time s	Overcurrent protective device				RCD Op. current $I_{\Delta n}$	Max. permitted Zs Ω
					Live mm ²	cpc mm ²		BS(EN)	Type No	Rating A	Short circuit capacity kA		
1/R	Ltg+Pwr Busduct West	D	U/K	U/K	6	6	5	60898 MCB	D	25	9	N/A	0.48
1/Y	Ltg+Pwr Busduct West	D	U/K	U/K	6	6	5	60898 MCB	D	25	9	N/A	0.48
1/B	Ltg+Pwr Busduct West	D	U/K	U/K	6	6	5	60898 MCB	D	25	9	N/A	0.48
2/R	Ltg+Pwr Busduct WCentral	D	U/K	U/K	6	6	5	60898 MCB	D	25	9	N/A	0.48
2/Y	Ltg+Pwr Busduct WCentral	D	U/K	U/K	6	6	5	60898 MCB	D	25	9	N/A	0.48
2/B	Ltg+Pwr Busduct WCentral	D	U/K	U/K	6	6	5	60898 MCB	D	25	9	N/A	0.48
3/R	Ltg+Pwr Busduct ECentral	D	U/K	U/K	6	6	5	60898 MCB	D	25	9	N/A	0.48
3/Y	Ltg+Pwr Busduct ECentral	D	U/K	U/K	6	6	5	60898 MCB	D	25	9	N/A	0.48
3/B	Ltg+Pwr Busduct ECentral	D	U/K	U/K	6	6	5	60898 MCB	D	25	9	N/A	0.48
4/R	Ltg+Pwr Busduct East	D	U/K	U/K	6	6	5	60898 MCB	D	25	9	N/A	0.48
4/Y	Ltg+Pwr Busduct East	D	U/K	U/K	6	6	5	60898 MCB	D	25	9	N/A	0.48
4/B	Ltg+Pwr Busduct East	D	U/K	U/K	6	6	5	60898 MCB	D	25	9	N/A	0.48
5/R	SPARE	-	-	-	-	-	-	-	-	-	-	-	-
5/Y	SPARE	-	-	-	-	-	-	-	-	-	-	-	-
5/B	SPARE	-	-	-	-	-	-	-	-	-	-	-	-
6/R	SPARE	-	-	-	-	-	-	-	-	-	-	-	-
6/Y	SPARE	-	-	-	-	-	-	-	-	-	-	-	-
6/B	SPARE	-	-	-	-	-	-	-	-	-	-	-	-
7/R	SPARE	-	-	-	-	-	-	-	-	-	-	-	-
7/Y	SPARE	-	-	-	-	-	-	-	-	-	-	-	-
7/B	SPARE	-	-	-	-	-	-	-	-	-	-	-	-
8/R	Ltg Control Box	D	U/K	U/K	2.5	2.5	5	60898 MCB	D	10	9	N/A	1.20
8/Y	Toilet Ltg + Shower	B/D	U/K	U/K	2.5	2.5	5	60898 MCB	D	10	9	N/A	1.20
8/B	SPARE	-	-	-	-	-	-	-	-	-	-	-	-

WIRING CODES

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

BOARD TESTS

ONLY TO BE COMPLETED IF THE DISTRIBUTION BOARD IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Zs Ω Operating times of associated RCD (if any) At $I_{\Delta n}$ ms
 Ipf kA At $5I_{\Delta n}$ (if applicable) ms

TEST INSTRUMENTS (SERIAL NUMBERS) USED

Earth fault loop impedance

4100158

RCD

3366332

Insulation resistance

4104785

Other

N/A

Continuity

4104785

Other

N/A

CIRCUIT TESTS

Circuit number and phase	Circuit impedances Ω					Insulation resistance				Polarity	Maximum measured earth fault loop impedance Ω	RCD operating times	
	Ring final circuits only (measured end to end)			All circuits (At least one column to be completed)		Phase/Phase	Phase/Neutral	Phase/Earth	Earth/Neutral			At $I_{\Delta n}$	At $5I_{\Delta n}$ (if applicable)
	r_1 (phases)	r_n (Neutral)	r_2 (cpc)	$R_1 + R_2$	R_2	M Ω	M Ω	M Ω	M Ω			ms	ms
1/R	N/A	N/A	N/A	0.32	N/A	N/A	Unable	To	Test		0.33	N/A	N/A
1/Y	N/A	N/A	N/A	0.32	N/A	N/A	Unable	To	Test		0.33	N/A	N/A
1/B	N/A	N/A	N/A	0.32	N/A	N/A	Unable	To	Test		0.33	N/A	N/A
2/R	N/A	N/A	N/A	0.38	N/A	N/A	Unable	To	Test	✓	0.39	N/A	N/A
2/Y	N/A	N/A	N/A	0.38	N/A	N/A	Unable	To	Test	✓	0.39	N/A	N/A
2/B	N/A	N/A	N/A	0.38	N/A	N/A	Unable	To	Test	✓	0.39	N/A	N/A
3/R	N/A	N/A	N/A	0.33	N/A	N/A	Unable	To	Test	✓	0.34	N/A	N/A
3/Y	N/A	N/A	N/A	0.33	N/A	N/A	Unable	To	Test	✓	0.34	N/A	N/A
3/B	N/A	N/A	N/A	0.33	N/A	N/A	Unable	To	Test	✓	0.34	N/A	N/A
4/R	N/A	N/A	N/A	0.42	N/A	N/A	Unable	To	Test	✓	0.43	N/A	N/A
4/Y	N/A	N/A	N/A	0.42	N/A	N/A	Unable	To	Test	✓	0.43	N/A	N/A
4/B	N/A	N/A	N/A	0.42	N/A	N/A	Unable	To	Test	✓	0.43	N/A	N/A
5/R	-	-	-	-	-	-	-	-	-	-	-	-	-
5/Y	-	-	-	-	-	-	-	-	-	-	-	-	-
5/B	-	-	-	-	-	-	-	-	-	-	-	-	-
6/R	-	-	-	-	-	-	-	-	-	-	-	-	-
6/Y	-	-	-	-	-	-	-	-	-	-	-	-	-
6/B	-	-	-	-	-	-	-	-	-	-	-	-	-
7/R	-	-	-	-	-	-	-	-	-	-	-	-	-
7/Y	-	-	-	-	-	-	-	-	-	-	-	-	-
7/B	-	-	-	-	-	-	-	-	-	-	-	-	-
8/R	N/A	N/A	N/A	0.12	N/A	N/A	+200	+200	+200	✓	0.1	N/A	N/A
8/Y	N/A	N/A	N/A	0.33	N/A	N/A	Unable	To	Test	✓	0.34	N/A	N/A
8/B	-	-	-	-	-	-	-	-	-	-	-	-	-

TESTED BY

Signature

Position

Qualified Manager

Name

Dave Dowsett

Date of testing

BOARD DETAILS

TO BE COMPLETED IN EVERY CASE		ONLY TO BE COMPLETED IF THE DISTRIBUTION BOARD IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION	
Location of distribution board	3rd Floor North Riser	Supply to distribution board is from	Sub Mains(LV Switch Panel 02, 5/TP)
Distribution board designation	DB 3N	No of phases	3
		Nominal Voltage	415 V
		Overcurrent protective device for the distribution circuit	
		Type BS(EN)	88 Fuse HRC gG
		Rating	100 A
		Associated RCD (if any)	
		BS(EN)	N/A
		RCD No of poles	N/A
		RCD rating, $I_{\Delta n}$	N/A mA

CIRCUIT DETAILS

Circuit number and phase	Circuit designation	Type of wiring	Reference method	No of points served	Circuit conductors csa		Max. permitted disconnection time s	Overcurrent protective device				RCD Op. current Δn	Max. permitted Zs Ω
					Live mm ²	cpc mm ²		BS(EN)	Type No	Rating A	Short circuit capacity kA		
9/R	Water Heater	B/D	U/K	U/K	2.5	2.5	0.4	60898 MCB	D	20	9	N/A	0.60
9/Y	Water Heater	B/D	U/K	U/K	2.5	2.5	0.4	60898 MCB	D	20	9	N/A	0.60
9/B	Water Heater	B/D	U/K	U/K	2.5	2.5	0.4	60898 MCB	D	20	9	N/A	0.60
10/R	SPARE	-	-	-	-	-	-	-	-	-	-	-	-
10/Y	SPARE	-	-	-	-	-	-	-	-	-	-	-	-
10/B	SPARE	-	-	-	-	-	-	-	-	-	-	-	-
11/R	H/Dryer S/O	B/D	U/K	U/K	2.5	2.5	0.4	60898 MCB	D	32	9	N/A	0.38
11/Y	SPARE	-	-	-	-	-	-	-	-	-	-	-	-
11/B	H/Dryer S/O	B/D	U/K	U/K	2.5	2.5	0.4	60898 MCB	D	32	9	N/A	0.38
12/R	SPARE	-	-	-	-	-	-	-	-	-	-	-	-
12/Y	SPARE	-	-	-	-	-	-	-	-	-	-	-	-
12/B	SPARE	-	-	-	-	-	-	-	-	-	-	-	-
13/R	SPARE	-	-	-	-	-	-	-	-	-	-	-	-
13/Y	SPARE	-	-	-	-	-	-	-	-	-	-	-	-
13/B	SPARE	-	-	-	-	-	-	-	-	-	-	-	-
14/R	SPARE	-	-	-	-	-	-	-	-	-	-	-	-
14/Y	SPARE	-	-	-	-	-	-	-	-	-	-	-	-
14/B	SPARE	-	-	-	-	-	-	-	-	-	-	-	-
15/R	Underflr Busbar West	F	U/K	U/K	10	10	0.4	60898 MCB	B	50	9	N/A	0.96
15/Y	SPARE	-	-	-	-	-	-	-	-	-	-	-	-
15/B	Underflr Busbar WCentral	F	U/K	U/K	10	10	0.4	60898 MCB	B	50	9	N/A	0.96
16/R	Underflr Busbar ECentral	F	U/K	U/K	10	10	0.4	60898 MCB	B	50	9	N/A	0.96
16/Y	Underflr Busbar EInner	F	U/K	U/K	10	10	0.4	60898 MCB	B	50	9	N/A	0.96
16/B	Underflr Busbar East	F	U/K	U/K	10	10	0.4	60898 MCB	B	50	9	N/A	0.96

WIRING CODES

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

BOARD TESTS

ONLY TO BE COMPLETED IF THE DISTRIBUTION BOARD IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Zs Ω Operating times of associated RCD (if any) At $I_{\Delta n}$ ms
 Ipf kA At $5I_{\Delta n}$ (if applicable) ms

TEST INSTRUMENTS (SERIAL NUMBERS) USED

Earth fault loop impedance

RCD

Insulation resistance

Other

Continuity

Other

CIRCUIT TESTS

Circuit number and phase	Circuit impedances Ω					Insulation resistance				Polarity	Maximum measured earth fault loop impedance Ω	RCD operating times	
	Ring final circuits only (measured end to end)			All circuits (At least one column to be completed)		Phase/Phase	Phase/Neutral	Phase/Earth	Earth/Neutral			At $I_{\Delta n}$	At $5I_{\Delta n}$ (if applicable)
	r_1 (phases)	r_n (Neutral)	r_2 (cpc)	$R_1 + R_2$	R_2	M Ω	M Ω	M Ω	M Ω			ms	ms
9/R	N/A	N/A	N/A	N/A	N/A	N/A	Unable	To	Test		N/A	N/A	N/A
9/Y	N/A	N/A	N/A	N/A	N/A	N/A	Unable	To	Test		N/A	N/A	N/A
9/B	N/A	N/A	N/A	N/A	N/A	N/A	Unable	To	Test		N/A	N/A	N/A
10/R	-	-	-	-	-	-	-	-	-		-	-	-
10/Y	-	-	-	-	-	-	-	-	-		-	-	-
10/B	-	-	-	-	-	-	-	-	-		-	-	-
11/R	N/A	N/A	N/A	N/A	N/A	N/A	+200	+200	+200	✓	0.12	N/A	N/A
11/Y	-	-	-	-	-	-	-	-	-		-	-	-
11/B	N/A	N/A	N/A	N/A	N/A	N/A	+200	+200	+200	✓	0.13	N/A	N/A
12/R	-	-	-	-	-	-	-	-	-		-	-	-
12/Y	-	-	-	-	-	-	-	-	-		-	-	-
12/B	-	-	-	-	-	-	-	-	-		-	-	-
13/R	-	-	-	-	-	-	-	-	-		-	-	-
13/Y	-	-	-	-	-	-	-	-	-		-	-	-
13/B	-	-	-	-	-	-	-	-	-		-	-	-
14/R	-	-	-	-	-	-	-	-	-		-	-	-
14/Y	-	-	-	-	-	-	-	-	-		-	-	-
14/B	-	-	-	-	-	-	-	-	-		-	-	-
15/R	N/A	N/A	N/A	0.11	N/A	N/A	+200	+200	+200	✓	0.12	N/A	N/A
15/Y	-	-	-	-	-	-	-	-	-		-	-	-
15/B	N/A	N/A	N/A	0.09	N/A	N/A	+200	+200	+200	✓	0.10	N/A	N/A
16/R	N/A	N/A	N/A	0.11	N/A	N/A	+200	+200	+200	✓	0.11	N/A	N/A
16/Y	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A		N/A	N/A	N/A
16/B	N/A	N/A	N/A	0.10	N/A	N/A	+200	+200	+200	✓	0.11	N/A	N/A

TESTED BY

Signature

Position

Name

Date of testing

BOARD DETAILS

TO BE COMPLETED IN EVERY CASE		ONLY TO BE COMPLETED IF THE DISTRIBUTION BOARD IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION	
Location of distribution board	3rd Floor South Riser Electrical	Supply to distribution board is from	Sub Mains(LV Switch Panel 02, 6/TP)
Distribution board designation	DB 3S	No of phases	3
		Nominal Voltage	415 V
		Overcurrent protective device for the distribution circuit	
		Type BS(EN)	88 Fuse HRC gG
		Rating	100 A
		Associated RCD (if any)	
		BS(EN)	N/A
		RCD No of poles	N/A
		RCD rating, $I_{\Delta n}$	N/A mA

CIRCUIT DETAILS

Circuit number and phase	Circuit designation	Type of wiring	Reference method	No of points served	Circuit conductors csa		Max permitted disconnection time s	Overcurrent protective device				RCD Op. current $I_{\Delta n}$	Max permitted Zs Ω
					Live mm ²	cpc mm ²		BS(EN)	Type No	Rating A	Short circuit capacity kA		
1/R	Ltg+Pwr Busduct Mid East	D	U/K	U/K	6	6	5	60898 MCB	D	25	9	N/A	0.48
1/Y	Ltg+Pwr Busduct Mid East	D	U/K	U/K	6	6	5	60898 MCB	D	25	9	N/A	0.48
1/B	Ltg+Pwr Busduct Mid East	D	U/K	U/K	6	6	5	60898 MCB	D	25	9	N/A	0.48
2/R	Ltg+Pwr Busduct Mid East	D	U/K	U/K	6	6	5	60898 MCB	D	25	9	N/A	0.48
2/Y	Ltg+Pwr Busduct Mid East	D	U/K	U/K	6	6	5	60898 MCB	D	25	9	N/A	0.48
2/B	Ltg+Pwr Busduct Mid East	D	U/K	U/K	6	6	5	60898 MCB	D	25	9	N/A	0.48
3/R	Ltg+Pwr Busduct West	D	U/K	U/K	6	6	5	60898 MCB	D	25	9	N/A	0.48
3/Y	Ltg+Pwr Busduct West	D	U/K	U/K	6	6	5	60898 MCB	D	25	9	N/A	0.48
3/B	Ltg+Pwr Busduct West	D	U/K	U/K	6	6	5	60898 MCB	D	25	9	N/A	0.48
4/R	Ltg+Pwr Busduct Central	D	U/K	U/K	6	6	5	60898 MCB	D	25	9	N/A	0.48
4/Y	Ltg+Pwr Busduct Central	D	U/K	U/K	6	6	5	60898 MCB	D	25	9	N/A	0.48
4/B	Ltg+Pwr Busduct Central	D	U/K	U/K	6	6	5	60898 MCB	D	25	9	N/A	0.48
5/R	Ltg+Pwr Busduct Mid Centr	D	U/K	U/K	6	6	5	60898 MCB	D	25	9	N/A	0.48
5/Y	Ltg+Pwr Busduct Mid Centr	D	U/K	U/K	6	6	5	60898 MCB	D	25	9	N/A	0.48
5/B	Ltg+Pwr Busduct Mid Centr	D	U/K	U/K	6	6	5	60898 MCB	D	25	9	N/A	0.48
6/R	Ltg+Pwr Busduct East	D	U/K	U/K	6	6	5	60898 MCB	D	25	9	N/A	0.48
6/Y	Ltg+Pwr Busduct East	D	U/K	U/K	6	6	5	60898 MCB	D	25	9	N/A	0.48
6/B	Ltg+Pwr Busduct East	D	U/K	U/K	6	6	5	60898 MCB	D	25	9	N/A	0.48
7/R	Ltg+Pwr Busduct South	D	U/K	U/K	6	6	5	60898 MCB	D	25	9	N/A	0.48
7/Y	Ltg+Pwr Busduct South	D	U/K	U/K	6	6	5	60898 MCB	D	25	9	N/A	0.48
7/B	Ltg+Pwr Busduct South	D	U/K	U/K	6	6	5	60898 MCB	D	25	9	N/A	0.48
8/R	Lighting Control Box	D	U/K	U/K	2.5	2.5	5	60898 MCB	D	10	9	N/A	1.20
8/Y	Toilet Ltg + Shaver	D	U/K	U/K	2.5	2.5	5	60898 MCB	D	10	9	N/A	1.20
8/B	SPARE	-	-	-	-	-	-	-	-	-	-	-	-

WIRING CODES

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

BOARD TESTS

ONLY TO BE COMPLETED IF THE DISTRIBUTION BOARD IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Zs Ω

Operating times of associated RCD (if any)

At $I_{\Delta n}$ msIpf kAAt 5I Δn (if applicable) ms

TEST INSTRUMENTS (SERIAL NUMBERS) USED

Earth fault loop impedance

RCD

Insulation resistance

Other

Continuity

Other

CIRCUIT TESTS

Circuit number and phase	Circuit impedances					Insulation resistance				Polarity	Maximum measured earth fault loop impedance	RCD operating times	
	Ω			All circuits (At least one column to be completed)		Phase/Phase	Phase/Neutral	Phase/Earth	Earth/Neutral			At $I_{\Delta n}$	At $5I_{\Delta n}$ (if applicable)
	Ring final circuits only (measured end to end)			$R_1 + R_2$	R_2								
	r_1 (phases)	r_n (Neutral)	r_2 (cpc)										
1/R	N/A	N/A	N/A	0.40	N/A	N/A	Unable	To	Test	✓	0.42	N/A	N/A
1/Y	N/A	N/A	N/A	0.40	N/A	N/A	Unable	To	Test	✓	0.42	N/A	N/A
1/B	N/A	N/A	N/A	0.40	N/A	N/A	Unable	To	Test	✓	0.42	N/A	N/A
2/R	N/A	N/A	N/A	0.39	N/A	N/A	Unable	To	Test	✓	0.41	N/A	N/A
2/Y	N/A	N/A	N/A	0.39	N/A	N/A	Unable	To	Test	✓	0.41	N/A	N/A
2/B	N/A	N/A	N/A	0.39	N/A	N/A	Unable	To	Test	✓	0.41	N/A	N/A
3/R	N/A	N/A	N/A	0.39	N/A	N/A	Unable	To	Test	✓	0.41	N/A	N/A
3/Y	N/A	N/A	N/A	0.39	N/A	N/A	Unable	To	Test	✓	0.41	N/A	N/A
3/B	N/A	N/A	N/A	0.39	N/A	N/A	Unable	To	Test	✓	0.41	N/A	N/A
4/R	N/A	N/A	N/A	0.24	N/A	N/A	Unable	To	Test	✓	0.26	N/A	N/A
4/Y	N/A	N/A	N/A	0.24	N/A	N/A	Unable	To	Test	✓	0.26	N/A	N/A
4/B	N/A	N/A	N/A	0.24	N/A	N/A	Unable	To	Test	✓	0.26	N/A	N/A
5/R	N/A	N/A	N/A	0.28	N/A	N/A	Unable	To	Test	✓	0.3	N/A	N/A
5/Y	N/A	N/A	N/A	0.28	N/A	N/A	Unable	To	Test	✓	0.3	N/A	N/A
5/B	N/A	N/A	N/A	0.28	N/A	N/A	Unable	To	Test	✓	0.3	N/A	N/A
6/R	N/A	N/A	N/A	0.5	N/A	N/A	Unable	To	Test	✓	0.52	N/A	N/A
6/Y	N/A	N/A	N/A	0.5	N/A	N/A	Unable	To	Test	✓	0.52	N/A	N/A
6/B	N/A	N/A	N/A	0.5	N/A	N/A	Unable	To	Test	✓	0.52	N/A	N/A
7/R	N/A	N/A	N/A	0.56	N/A	N/A	Unable	To	Test	✓	0.58	N/A	N/A
7/Y	N/A	N/A	N/A	0.56	N/A	N/A	Unable	To	Test	✓	0.58	N/A	N/A
7/B	N/A	N/A	N/A	0.56	N/A	N/A	Unable	To	Test	✓	0.58	N/A	N/A
8/R	N/A	N/A	N/A	0.5	N/A	N/A	Unable	To	Test	✓	0.07	N/A	N/A
8/Y	N/A	N/A	N/A	N/A	N/A	N/A	Unable	To	Test		N/A	N/A	N/A
8/B	-	-	-	-	-	-	-	-	-		-	-	-

TESTED BY

Signature

Position

Qualified Manager

Name

Dave Dowsett

Date of testing

BOARD DETAILS

TO BE COMPLETED IN EVERY CASE		ONLY TO BE COMPLETED IF THE DISTRIBUTION BOARD IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION			
Location of distribution board	3rd Floor South Riser Electrical	Supply to distribution board is from	Sub Mains(LV Switch Panel 02, 6/TP)		Associated RCD (if any)
Distribution board designation	DB 3S	No of phases	3	Nominal Voltage	415 V
		Overcurrent protective device for the distribution circuit			
		Type BS(EN)	88 Fuse HRC gG	Rating	100 A
				RCD No of poles	N/A
				RCD rating, $I_{\Delta n}$	N/A mA

CIRCUIT DETAILS

Circuit number and phase	Circuit designation	Type of wiring	Reference method	No of points served	Circuit conductors csa		Max permitted disconnection time s	Overcurrent protective device				RCD Op. current $I_{\Delta n}$	Max permitted Zs Ω
					Live mm ²	cpc mm ²		BS(EN)	Type No	Rating A	Short circuit capacity kA		
9/R	Water Heater	B/D	U/K	U/K	2.5	2.5	5	60898 MCB	D	20	9	N/A	0.60
9/Y	Water Heater	B/D	U/K	U/K	2.5	2.5	5	60898 MCB	D	20	9	N/A	0.60
9/B	Water Heater	B/D	U/K	U/K	2.5	2.5	5	60898 MCB	D	20	9	N/A	0.60
10/R	H/Dryer+S/O	B/D	U/K	U/K	2.5	2.5	5	60898 MCB	D	32	9	N/A	0.38
10/Y	Water Heater	B/D	U/K	U/K	2.5	2.5	5	60898 MCB	D	20	9	N/A	0.60
10/B	Hand Dryer	B/D	U/K	U/K	2.5	2.5	5	60898 MCB	D	32	9	N/A	0.38
11/R	SPARE	-	-	-	-	-	-	-	-	-	-	-	-
11/Y	SPARE	-	-	-	-	-	-	-	-	-	-	-	-
11/B	SPARE	-	-	-	-	-	-	-	-	-	-	-	-
12/R	SPARE	-	-	-	-	-	-	-	-	-	-	-	-
12/Y	SPARE	-	-	-	-	-	-	-	-	-	-	-	-
12/B	SPARE	-	-	-	-	-	-	-	-	-	-	-	-
13/R	SPARE	-	-	-	-	-	-	-	-	-	-	-	-
13/Y	SPARE	-	-	-	-	-	-	-	-	-	-	-	-
13/B	SPARE	-	-	-	-	-	-	-	-	-	-	-	-
14/R	SPARE	-	-	-	-	-	-	-	-	-	-	-	-
14/Y	SPARE	-	-	-	-	-	-	-	-	-	-	-	-
14/B	SPARE	-	-	-	-	-	-	-	-	-	-	-	-
15/R	Underflr Busbar Mid West	F	U/K	U/K	10	10	0.4	60898 MCB	B	50	9	N/A	0.96
15/Y	SPARE	-	-	-	-	-	-	-	-	-	-	-	-
15/B	Underflr Busbar Sth Centr	F	U/K	U/K	10	10	0.4	60898 MCB	B	50	9	N/A	0.96
16/R	Underflr Busbar Nth Centr	F	U/K	U/K	10	10	0.4	60898 MCB	B	50	9	N/A	0.96
16/Y	Underflr Busbar Nth West	F	U/K	U/K	10	10	0.4	60898 MCB	B	50	9	N/A	0.96
16/B	Underflr Busbar East	F	U/K	U/K	10	10	0.4	60898 MCB	B	50	9	N/A	0.96

WIRING CODES

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

BOARD TESTS

ONLY TO BE COMPLETED IF THE DISTRIBUTION BOARD IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

TEST INSTRUMENTS (SERIAL NUMBERS) USED

Zs Ω Operating times of associated RCD (if any) At Δn ms
 Ipf kA At 5I Δn (if applicable) ms

Earth fault loop impedance

RCD

Insulation resistance

Other

Continuity

Other

CIRCUIT TESTS

Circuit number and phase	Circuit impedances Ω					Insulation resistance				Polarity	Maximum measured earth fault loop impedance Ω	RCD operating times	
	Ring final circuits only (measured end to end)			All circuits (At least one column to be completed)		Phase/Phase	Phase/Neutral	Phase/Earth	Earth/Neutral			At Δn	At 5I Δn (if applicable)
	r_1 (phases)	r_n (Neutral)	r_2 (cpc)	$R_1 + R_2$	R_2	M Ω	M Ω	M Ω	M Ω			ms	ms
9/R	N/A	N/A	N/A	N/A	N/A	N/A	Unable	To	Test		N/A	N/A	N/A
9/Y	N/A	N/A	N/A	N/A	N/A	N/A	Unable	To	Test		N/A	N/A	N/A
9/B	N/A	N/A	N/A	N/A	N/A	N/A	Unable	To	Test		N/A	N/A	N/A
10/R	N/A	N/A	N/A	0.10	N/A	N/A	+200	+200	+200	✓	0.11	N/A	N/A
10/Y	N/A	N/A	N/A	N/A	N/A	N/A	Unable	To	Test		N/A	N/A	N/A
10/B	N/A	N/A	N/A	0.13	N/A	N/A	+200	+200	+200	✓	0.2	N/A	N/A
11/R	-	-	-	-	-	-	-	-	-	-	-	-	-
11/Y	-	-	-	-	-	-	-	-	-	-	-	-	-
11/B	-	-	-	-	-	-	-	-	-	-	-	-	-
12/R	-	-	-	-	-	-	-	-	-	-	-	-	-
12/Y	-	-	-	-	-	-	-	-	-	-	-	-	-
12/B	-	-	-	-	-	-	-	-	-	-	-	-	-
13/R	-	-	-	-	-	-	-	-	-	-	-	-	-
13/Y	-	-	-	-	-	-	-	-	-	-	-	-	-
13/B	-	-	-	-	-	-	-	-	-	-	-	-	-
14/R	-	-	-	-	-	-	-	-	-	-	-	-	-
14/Y	-	-	-	-	-	-	-	-	-	-	-	-	-
14/B	-	-	-	-	-	-	-	-	-	-	-	-	-
15/R	N/A	N/A	N/A	0.11	N/A	N/A	+200	+200	+200	✓	0.14	N/A	N/A
15/Y	-	-	-	-	-	-	-	-	-	-	-	-	-
15/B	N/A	N/A	N/A	0.23	N/A	N/A	+200	+200	+200	✓	0.12	N/A	N/A
16/R	N/A	N/A	N/A	0.2	N/A	N/A	+200	+200	+200	✓	0.18	N/A	N/A
16/Y	N/A	N/A	N/A	0.14	N/A	N/A	+200	+200	+200	✓	0.17	N/A	N/A
16/B	N/A	N/A	N/A	0.1	N/A	N/A	+200	+200	+200	✓	0.13	N/A	N/A

TESTED BY

Signature

Position

Name

Date of testing

BOARD DETAILS

TO BE COMPLETED IN EVERY CASE		ONLY TO BE COMPLETED IF THE DISTRIBUTION BOARD IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION	
Location of distribution board	4th Floor North Riser	Supply to distribution board is from	Sub Mains(LV Switch Panel 02, 7/TP)
Distribution board designation	DB 4N	No of phases	3
		Nominal Voltage	415 V
		Overcurrent protective device for the distribution circuit	
		Type BS(EN)	88 Fuse HRC gG
		Rating	100 A
		Associated RCD (if any)	BS(EN) N/A
		RCD No of poles	N/A
		RCD rating, $I_{\Delta n}$	N/A mA

CIRCUIT DETAILS

Circuit number and phase	Circuit designation	Type of wiring	Reference method	No of points served	Circuit conductors csa		Max permitted disconnection time s	Overcurrent protective device				RCD Op. current $I_{\Delta n}$	Max permitted Zs Ω
					Live mm ²	cpc mm ²		BS(EN)	Type No	Rating A	Short circuit capacity kA		
1/R	Ltg+Pwr Busduct West	G	U/K	U/K	6	6	5	60898 MCB	C	25	9	N/A	0.96
1/Y	Ltg+Pwr Busduct West	G	U/K	U/K	6	6	5	60898 MCB	C	25	9	N/A	0.96
1/B	Ltg+Pwr Busduct West	G	U/K	U/K	6	6	5	60898 MCB	C	25	9	N/A	0.96
2/R	Ltg+Pwr Busduct WCentral	G	U/K	U/K	6	6	5	60898 MCB	C	25	9	N/A	0.96
2/Y	Ltg+Pwr Busduct WCentral	G	U/K	U/K	6	6	5	60898 MCB	C	25	9	N/A	0.96
2/B	Ltg+Pwr Busduct WCentral	G	U/K	U/K	6	6	5	60898 MCB	C	25	9	N/A	0.96
3/R	Ltg+Pwr Busduct ECentral	G	U/K	U/K	6	6	5	60898 MCB	C	25	9	N/A	0.96
3/Y	Ltg+Pwr Busduct ECentral	G	U/K	U/K	6	6	5	60898 MCB	C	25	9	N/A	0.96
3/B	Ltg+Pwr Busduct ECentral	G	U/K	U/K	6	6	5	60898 MCB	C	25	9	N/A	0.96
4/R	Ltg+Pwr Busduct East	G	U/K	U/K	6	6	5	60898 MCB	C	25	9	N/A	0.96
4/Y	Ltg+Pwr Busduct East	G	U/K	U/K	6	6	5	60898 MCB	C	25	9	N/A	0.96
4/B	Ltg+Pwr Busduct East	G	U/K	U/K	6	6	5	60898 MCB	C	25	9	N/A	0.96
5/R	SPARE	-	-	-	-	-	-	-	-	-	-	-	-
5/Y	SPARE	-	-	-	-	-	-	-	-	-	-	-	-
5/B	Underflr Busbar WCentral	G	U/K	U/K	10	10	0.4	60898 MCB	B	50	9	N/A	0.96
6/R	Underflr Busbar ECentral	G	U/K	U/K	10	10	0.4	60898 MCB	B	50	9	N/A	0.96
6/Y	Underflr Busbar EInner	G	U/K	U/K	10	10	0.4	60898 MCB	B	50	9	N/A	0.96
6/B	Underflr Busbar East	G	U/K	U/K	10	10	0.4	60898 MCB	B	50	9	N/A	0.96
7/R	MCC Panel In AV Room	G	U/K	U/K	10	10	0.4	60898 MCB	B	50	9	N/A	0.96
7/Y	MCC Panel In AV Room	G	U/K	U/K	10	10	0.4	60898 MCB	B	50	9	N/A	0.96
7/B	MCC Panel In AV Room	G	U/K	U/K	10	10	0.4	60898 MCB	B	50	9	N/A	0.96
8/R	Ltg Control Box	B/D	U/K	U/K	2.5	2.5	0.4	60898 MCB	B	10	9	N/A	4.80
8/Y	Toilet Ltg + Shaver	B/D	U/K	U/K	2.5	2.5	5	60898 MCB	B	10	9	N/A	4.80
8/B	SPARE	-	-	-	-	-	-	-	-	-	-	-	-

WIRING CODES

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

BOARD TESTS

ONLY TO BE COMPLETED IF THE DISTRIBUTION BOARD IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Zs Ω Operating times of associated RCD (if any) At $I_{\Delta n}$ ms
 Ipf kA At $5I_{\Delta n}$ (if applicable) ms

TEST INSTRUMENTS (SERIAL NUMBERS) USED

Earth fault loop impedance

4100158

RCD

3366332

Insulation resistance

4104785

Other

N/A

Continuity

4104785

Other

N/A

CIRCUIT TESTS

Circuit number and phase	Circuit impedances Ω					Insulation resistance				Polarity	Maximum measured earth fault loop impedance Ω	RCD operating times	
	Ring final circuits only (measured end to end)			All circuits (At least one column to be completed)		Phase/Phase	Phase/Neutral	Phase/Earth	Earth/Neutral			At $I_{\Delta n}$	At $5I_{\Delta n}$ (if applicable)
	r_1 (phases)	r_n (Neutral)	r_2 (cpc)	$R_1 + R_2$	R_2	M Ω	M Ω	M Ω	M Ω			ms	ms
1/R	N/A	N/A	N/A	0.26	N/A	N/A	Unable	To	Test	✓	0.27	N/A	N/A
1/Y	N/A	N/A	N/A	0.26	N/A	N/A	Unable	To	Test	✓	0.27	N/A	N/A
1/B	N/A	N/A	N/A	0.26	N/A	N/A	Unable	To	Test	✓	0.27	N/A	N/A
2/R	N/A	N/A	N/A	0.23	N/A	N/A	Unable	To	Test	✓	0.25	N/A	N/A
2/Y	N/A	N/A	N/A	0.23	N/A	N/A	Unable	To	Test	✓	0.25	N/A	N/A
2/B	N/A	N/A	N/A	0.23	N/A	N/A	Unable	To	Test	✓	0.25	N/A	N/A
3/R	N/A	N/A	N/A	0.30	N/A	N/A	Unable	To	Test	✓	0.31	N/A	N/A
3/Y	N/A	N/A	N/A	0.30	N/A	N/A	Unable	To	Test	✓	0.31	N/A	N/A
3/B	N/A	N/A	N/A	0.30	N/A	N/A	Unable	To	Test	✓	0.31	N/A	N/A
4/R	N/A	N/A	N/A	0.58	N/A	N/A	Unable	To	Test	✓	0.59	N/A	N/A
4/Y	N/A	N/A	N/A	0.58	N/A	N/A	Unable	To	Test	✓	0.59	N/A	N/A
4/B	N/A	N/A	N/A	0.58	N/A	N/A	Unable	To	Test	✓	0.59	N/A	N/A
5/R	-	-	-	-	-	-	-	-	-	-	-	-	-
5/Y	-	-	-	-	-	-	-	-	-	-	-	-	-
5/B	N/A	N/A	N/A	0.04	N/A	N/A	+200	+200	+200	✓	0.05	N/A	N/A
6/R	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A		N/A	N/A	N/A
6/Y	N/A	N/A	N/A	0.13	N/A	N/A	+200	+200	+200	✓	0.14	N/A	N/A
6/B	N/A	N/A	N/A	0.24	N/A	N/A	+200	+200	+200	✓	0.25	N/A	N/A
7/R	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A		0.07	N/A	N/A
7/Y	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A		0.07	N/A	N/A
7/B	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A		0.07	N/A	N/A
8/R	N/A	N/A	N/A	0.01	N/A	N/A	+200	+200	+200	✓	0.02	N/A	N/A
8/Y	N/A	N/A	N/A	0.17	N/A	N/A	Unable	To	Test	✓	0.18	N/A	N/A
8/B	-	-	-	-	-	-	-	-	-	-	-	-	-

TESTED BY

Signature

Position

Qualified Manager

Name

Dave Dowsett

Date of testing

BOARD DETAILS

TO BE COMPLETED IN EVERY CASE		ONLY TO BE COMPLETED IF THE DISTRIBUTION BOARD IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION	
Location of distribution board	4th Floor North Riser	Supply to distribution board is from	Sub Mains(LV Switch Panel 02, 7/TP)
Distribution board designation	DB 4N	No of phases	3
		Nominal Voltage	415 V
		Overcurrent protective device for the distribution circuit	
		Type BS(EN)	88 Fuse HRC gG
		Rating	100 A
		Associated RCD (if any)	
		BS(EN)	N/A
		RCD No of poles	N/A
		RCD rating, $I_{\Delta n}$	N/A mA

CIRCUIT DETAILS

Circuit number and phase	Circuit designation	Type of wiring	Reference method	No of points served	Circuit conductors csa		Max permitted disconnection time s	Overcurrent protective device				RCD	Max permitted Zs
					Live	cpc		BS(EN)	Type No	Rating	Short circuit capacity	Op. current	
					mm ²	mm ²				A	kA	$I_{\Delta n}$	Ω
9/R	Water Heater	B/D	U/K	U/K	2.5	2.5	0.4	60898 MCB	C	20	9	N/A	1.20
9/Y	Water Heater	B/D	U/K	U/K	2.5	2.5	0.4	60898 MCB	C	20	9	N/A	1.20
9/B	Water Heater	B/D	U/K	U/K	2.5	2.5	0.4	60898 MCB	C	20	9	N/A	1.20
10/R	M/Toilet H/Dryer+S/O	B/D	U/K	U/K	4	4	0.4	60898 MCB	C	32	9	N/A	0.75
10/Y	SPARE	-	-	-	-	-	-	-	-	-	-	-	-
10/B	F/Toilet H/Dryer+S/O	B/D	U/K	U/K	4	4	0.4	60898 MCB	C	32	9	N/A	0.75
11/R	SPARE	-	-	-	-	-	-	-	-	-	-	-	-
11/Y	SPARE	-	-	-	-	-	-	-	-	-	-	-	-
11/B	SPARE	-	-	-	-	-	-	-	-	-	-	-	-
12/R	SPARE	-	-	-	-	-	-	-	-	-	-	-	-
12/Y	SPARE	-	-	-	-	-	-	-	-	-	-	-	-
12/B	SPARE	-	-	-	-	-	-	-	-	-	-	-	-
13/R	SPARE	-	-	-	-	-	-	-	-	-	-	-	-
13/Y	SPARE	-	-	-	-	-	-	-	-	-	-	-	-
13/B	SPARE	-	-	-	-	-	-	-	-	-	-	-	-
14/R	Document Hoist	G	U/K	U/K	4	4	0.4	60898 MCB	B	16	9	N/A	3.00
14/Y	Document Hoist	G	U/K	U/K	4	4	0.4	60898 MCB	B	16	9	N/A	3.00
14/B	Document Hoist	G	U/K	U/K	4	4	0.4	60898 MCB	B	16	9	N/A	3.00
15/R	SPARE	-	-	-	-	-	-	-	-	-	-	-	-
15/Y	Underflr Busbar West Side	G	U/K	U/K	10	10	0.4	60898 MCB	B	50	9	N/A	0.96
15/B	SPARE	-	-	-	-	-	-	-	-	-	-	-	-
16/R	SPARE	-	-	-	-	-	-	-	-	-	-	-	-
16/Y	SPARE	-	-	-	-	-	-	-	-	-	-	-	-
16/B	SPARE	-	-	-	-	-	-	-	-	-	-	-	-

WIRING CODES

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

BOARD TESTS

ONLY TO BE COMPLETED IF THE DISTRIBUTION BOARD IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

TEST INSTRUMENTS (SERIAL NUMBERS) USED

Zs Ω Operating times of associated RCD (if any) At $I_{\Delta n}$ ms
 Ipf kA At 5I Δn (if applicable) ms

Earth fault loop impedance

RCD

Insulation resistance

Other

Continuity

Other

CIRCUIT TESTS

Circuit number and phase	Circuit impedances Ω					Insulation resistance				Polarity	Maximum measured earth fault loop impedance Ω	RCD operating times	
	Ring final circuits only (measured end to end)			All circuits (At least one column to be completed)		Phase/Phase	Phase/Neutral	Phase/Earth	Earth/Neutral			At $I_{\Delta n}$	At 5I Δn (if applicable)
	r_1 (phases)	r_n (Neutral)	r_2 (cpc)	$R_1 + R_2$	R_2	M Ω	M Ω	M Ω	M Ω			ms	ms
9/R	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A		N/A	N/A	N/A
9/Y	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A		N/A	N/A	N/A
9/B	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A		N/A	N/A	N/A
10/R	N/A	N/A	N/A	0.09	N/A	N/A	+200	+200	+200	✓	0.10	N/A	N/A
10/Y	-	-	-	-	-	-	-	-	-		-	-	-
10/B	N/A	N/A	N/A	0.08	N/A	N/A	+200	+200	+200	✓	0.09	N/A	N/A
11/R	-	-	-	-	-	-	-	-	-		-	-	-
11/Y	-	-	-	-	-	-	-	-	-		-	-	-
11/B	-	-	-	-	-	-	-	-	-		-	-	-
12/R	-	-	-	-	-	-	-	-	-		-	-	-
12/Y	-	-	-	-	-	-	-	-	-		-	-	-
12/B	-	-	-	-	-	-	-	-	-		-	-	-
13/R	-	-	-	-	-	-	-	-	-		-	-	-
13/Y	-	-	-	-	-	-	-	-	-		-	-	-
13/B	-	-	-	-	-	-	-	-	-		-	-	-
14/R	N/A	N/A	N/A	0.13	N/A	N/A	+200	+200	+200	✓	0.14	N/A	N/A
14/Y	N/A	N/A	N/A	0.13	N/A	N/A	+200	+200	+200	✓	0.14	N/A	N/A
14/B	N/A	N/A	N/A	0.13	N/A	N/A	+200	+200	+200	✓	0.14	N/A	N/A
15/R	-	-	-	-	-	-	-	-	-		-	-	-
15/Y	N/A	N/A	N/A	0.08	N/A	N/A	+200	+200	+200	✓	0.09	N/A	N/A
15/B	-	-	-	-	-	-	-	-	-		-	-	-
16/R	-	-	-	-	-	-	-	-	-		-	-	-
16/Y	-	-	-	-	-	-	-	-	-		-	-	-
16/B	-	-	-	-	-	-	-	-	-		-	-	-

TESTED BY

Signature

Position

Name

Date of testing

BOARD DETAILS

TO BE COMPLETED IN EVERY CASE		ONLY TO BE COMPLETED IF THE DISTRIBUTION BOARD IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION	
Location of distribution board	4th Floor Riser South	Supply to distribution board is from	Sub Mains (LV Switch Panel 02, 8/TP)
Distribution board designation	DB 4S	No of phases	3
		Nominal Voltage	240 V
		Overcurrent protective device for the distribution circuit	
		Type BS(EN)	88 Fuse HRC gG
		Rating	100 A
		Associated RCD (if any)	BS(EN) N/A
		RCD No of poles	N/A
		RCD rating, $I_{\Delta n}$	N/A mA

CIRCUIT DETAILS

Circuit number and phase	Circuit designation	Type of wiring	Reference method	No of points served	Circuit conductors csa		Max. permitted disconnection time s	Overcurrent protective device				RCD	Max. permitted Zs
					Live	cpc		BS(EN)	Type	Rating	Short circuit capacity	Op. current	
					mm ²	mm ²			No	A	kA	$I_{\Delta n}$	Ω
1/R	Ltg+Pwr Busduct M East	G	U/K	U/K	6	6	5	60898 MCB	C	25	9	N/A	0.96
1/Y	Ltg+Pwr Busduct M East	G	U/K	U/K	6	6	5	60898 MCB	C	25	9	N/A	0.96
1/B	Ltg+Pwr Busduct M East	G	U/K	U/K	6	6	5	60898 MCB	C	25	9	N/A	0.96
2/R	Ltg+Pwr Busduct Mid West	G	U/K	U/K	6	6	5	60898 MCB	C	25	9	N/A	0.96
2/Y	Ltg+Pwr Busduct Mid West	G	U/K	U/K	6	6	5	60898 MCB	C	25	9	N/A	0.96
2/B	Ltg+Pwr Busduct Mid West	G	U/K	U/K	6	6	5	60898 MCB	C	25	9	N/A	0.96
3/R	Ltg+Pwr Busduct West	G	U/K	U/K	6	6	5	60898 MCB	C	25	9	N/A	0.96
3/Y	Ltg+Pwr Busduct West	G	U/K	U/K	6	6	5	60898 MCB	C	25	9	N/A	0.96
3/B	Ltg+Pwr Busduct West	G	U/K	U/K	6	6	5	60898 MCB	C	25	9	N/A	0.96
4/R	Ltg+Pwr Busduct Central	G	U/K	U/K	6	6	5	60898 MCB	C	25	9	N/A	0.96
4/Y	Ltg+Pwr Busduct Central	G	U/K	U/K	6	6	5	60898 MCB	C	25	9	N/A	0.96
4/B	Ltg+Pwr Busduct Central	G	U/K	U/K	6	6	5	60898 MCB	C	25	9	N/A	0.96
5/R	Ltg+Pwr Busduct Mid Centr	G	U/K	U/K	6	6	5	60898 MCB	C	25	9	N/A	0.96
5/Y	Ltg+Pwr Busduct Mid Centr	G	U/K	U/K	6	6	5	60898 MCB	C	25	9	N/A	0.96
5/B	Ltg+Pwr Busduct Mid Centr	G	U/K	U/K	6	6	5	60898 MCB	C	25	9	N/A	0.96
6/R	Ltg+Pwr Busduct East	G	U/K	U/K	6	6	5	60898 MCB	C	25	9	N/A	0.96
6/Y	Ltg+Pwr Busduct East	G	U/K	U/K	6	6	5	60898 MCB	C	25	9	N/A	0.96
6/B	Ltg+Pwr Busduct East	G	U/K	U/K	6	6	5	60898 MCB	C	25	9	N/A	0.96
7/R	Ltg+Pwr Busduct South	G	U/K	U/K	6	6	5	60898 MCB	C	25	9	N/A	0.96
7/Y	Ltg+Pwr Busduct South	G	U/K	U/K	6	6	5	60898 MCB	C	25	9	N/A	0.96
7/B	Ltg+Pwr Busduct South	G	U/K	U/K	6	6	5	60898 MCB	C	25	9	N/A	0.96
8/R	Lighting Control Box	D	U/K	1	2.5	2.5	5	60898 MCB	C	10	9	N/A	2.40
8/Y	Toilet Lighting	D	U/K	6	2.5	2.5	5	60898 MCB	C	10	9	N/A	2.40
8/B	SPARE	-	-	-	-	-	-	-	-	-	-	-	-

WIRING CODES

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

BOARD TESTS

ONLY TO BE COMPLETED IF THE DISTRIBUTION BOARD IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

TEST INSTRUMENTS (SERIAL NUMBERS) USED

Zs Ω Operating times of associated RCD (if any) At 1 Δn ms
 Ipf kA At 5I Δn (if applicable) ms

Earth fault loop impedance

4100158

RCD

3366332

Insulation resistance

4104785

Other

N/A

Continuity

4104785

Other

N/A

CIRCUIT TESTS

Circuit number and phase	Circuit impedances Ω					Insulation resistance				Polarity	Maximum measured earth fault loop impedance Ω	RCD operating times	
	Ring final circuits only (measured end to end)			All circuits (At least one column to be completed)		Phase/Phase	Phase/Neutral	Phase/Earth	Earth/Neutral			At 1 Δn	At 5I Δn (if applicable)
	r_1 (phases)	r_n (Neutral)	r_2 (cpc)	$R_1 + R_2$	R_2	M Ω	M Ω	M Ω	M Ω			ms	ms
1/R	N/A	N/A	N/A	0.4	N/A	N/A	Unable	To	Test	✓	0.41	N/A	N/A
1/Y	N/A	N/A	N/A	0.4	N/A	N/A	Unable	To	Test	✓	0.41	N/A	N/A
1/B	N/A	N/A	N/A	0.4	N/A	N/A	Unable	To	Test	✓	0.41	N/A	N/A
2/R	N/A	N/A	N/A	0.42	N/A	N/A	Unable	To	Test	✓	0.43	N/A	N/A
2/Y	N/A	N/A	N/A	0.42	N/A	N/A	Unable	To	Test	✓	0.43	N/A	N/A
2/B	N/A	N/A	N/A	0.42	N/A	N/A	Unable	To	Test	✓	0.43	N/A	N/A
3/R	N/A	N/A	N/A	0.45	N/A	N/A	Unable	To	Test	✓	0.46	N/A	N/A
3/Y	N/A	N/A	N/A	0.45	N/A	N/A	Unable	To	Test	✓	0.46	N/A	N/A
3/B	N/A	N/A	N/A	0.45	N/A	N/A	Unable	To	Test	✓	0.46	N/A	N/A
4/R	N/A	N/A	N/A	0.29	N/A	N/A	Unable	To	Test	✓	0.3	N/A	N/A
4/Y	N/A	N/A	N/A	0.29	N/A	N/A	Unable	To	Test	✓	0.3	N/A	N/A
4/B	N/A	N/A	N/A	0.29	N/A	N/A	Unable	To	Test	✓	0.3	N/A	N/A
5/R	N/A	N/A	N/A	0.33	N/A	N/A	Unable	To	Test	✓	0.34	N/A	N/A
5/Y	N/A	N/A	N/A	0.33	N/A	N/A	Unable	To	Test	✓	0.34	N/A	N/A
5/B	N/A	N/A	N/A	0.33	N/A	N/A	Unable	To	Test	✓	0.34	N/A	N/A
6/R	N/A	N/A	N/A	0.30	N/A	N/A	Unable	To	Test	✓	0.31	N/A	N/A
6/Y	N/A	N/A	N/A	0.30	N/A	N/A	Unable	To	Test	✓	0.31	N/A	N/A
6/B	N/A	N/A	N/A	0.30	N/A	N/A	Unable	To	Test	✓	0.31	N/A	N/A
7/R	N/A	N/A	N/A	0.31	N/A	N/A	Unable	To	Test	✓	0.32	N/A	N/A
7/Y	N/A	N/A	N/A	0.31	N/A	N/A	Unable	To	Test	✓	0.32	N/A	N/A
7/B	N/A	N/A	N/A	0.31	N/A	N/A	Unable	To	Test	✓	0.32	N/A	N/A
8/R	N/A	N/A	N/A	0.01	N/A	N/A	Unable	To	Test	✓	0.02	N/A	N/A
8/Y	N/A	N/A	N/A	0.27	N/A	N/A	Unable	To	Test	✓	0.28	N/A	N/A
8/B	-	-	-	-	-	-	-	-	-	-	-	-	-

TESTED BY

Signature

Position

Qualified Manager

Name

Dave Dowsett

Date of testing

BOARD DETAILS

TO BE COMPLETED IN EVERY CASE		ONLY TO BE COMPLETED IF THE DISTRIBUTION BOARD IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION	
Location of distribution board	4th Floor Riser South	Supply to distribution board is from	Sub Mains(LV Switch Panel 02, 8/TP)
Distribution board designation	DB 4S	No of phases	3
		Nominal Voltage	240 V
		Overcurrent protective device for the distribution circuit	
		Type BS(EN)	88 Fuse HRC gG
		Rating	100 A
		Associated RCD (if any)	
		BS(EN)	N/A
		RCD No of poles	N/A
		RCD rating, $I_{\Delta n}$	N/A mA

CIRCUIT DETAILS

Circuit number and phase	Circuit designation	Type of wiring	Reference method	No of points served	Circuit conductors csa		Max permitted disconnection time s	Overcurrent protective device				RCD Op. current $I_{\Delta n}$	Max permitted Zs Ω
					Live mm ²	cpc mm ²		BS(EN)	Type No	Rating A	Short circuit capacity kA		
9/R	Water Heater	D	U/K	U/K	2.5	2.5	0.4	60898 MCB	C	20	9	N/A	1.20
9/Y	Water Heater	D	U/K	U/K	2.5	2.5	0.4	60898 MCB	C	20	9	N/A	1.20
9/B	Water Heater	D	U/K	U/K	2.5	2.5	0.4	60898 MCB	C	20	9	N/A	1.20
10/R	F/Toilet H/Dryer+S/O	D	U/K	2	2.5	2.5	0.4	60898 MCB	C	20	9	N/A	1.20
10/Y	Water Heater	D	U/K	U/K	4	4	0.4	60898 MCB	C	32	9	N/A	0.75
10/B	M/Toilet H/Dryer+S/O	D	U/K	2	4	4	0.4	60898 MCB	C	32	9	N/A	0.75
11/R	MCC Pnl AV Rm AHO+Extract	G	U/K	1	10	10	5	60898 MCB	B	50	9	N/A	0.96
11/Y	MCC Pnl AV Rm AHO+Extract	G	U/K	1	10	10	5	60898 MCB	B	50	9	N/A	0.96
11/B	MCC Pnl AV Rm AHO+Extract	G	U/K	1	10	10	5	60898 MCB	B	50	9	N/A	0.96
12/R	Kitchen Cooker	G	U/K	1	6	6	5	60898 MCB	B	40	9	N/A	1.20
12/Y	Kitchen Cooker	G	U/K	1	6	6	5	60898 MCB	B	40	9	N/A	1.20
12/B	Kitchen Cooker	G	U/K	1	6	6	5	60898 MCB	B	40	9	N/A	1.20
13/R	Kitchen Cooker	G	U/K	1	6	6	5	60898 MCB	B	40	9	N/A	1.20
13/Y	Kitchen Cooker	G	U/K	1	6	6	5	60898 MCB	B	40	9	N/A	1.20
13/B	Kitchen Cooker	G	U/K	1	6	6	5	60898 MCB	B	40	9	N/A	1.20
14/R	SPARE	-	-	-	-	-	-	-	-	-	-	-	-
14/Y	SPARE	-	-	-	-	-	-	-	-	-	-	-	-
14/B	SPARE	-	-	-	-	-	-	-	-	-	-	-	-
15/R	Underflr Busbar Mid West	G	U/K	1	10	10	0.4	3871 MCB	2	50	9	N/A	0.69
15/Y	Underflr Busbar West Cent	G	U/K	1	10	10	0.4	3871 MCB	2	50	9	N/A	0.69
15/B	SPARE	-	-	-	-	-	-	-	-	-	-	-	-
16/R	Underflr Busbar West	G	U/K	1	10	10	0.4	3871 MCB	2	50	9	N/A	0.69
16/Y	Underflr Busbar Inner Sth	G	U/K	1	10	10	0.4	3871 MCB	2	50	9	N/A	0.69
16/B	Underflr Busbar East	G	U/K	1	10	10	0.4	3871 MCB	2	50	9	N/A	0.69

WIRING CODES

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

BOARD TESTS

ONLY TO BE COMPLETED IF THE DISTRIBUTION BOARD IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

TEST INSTRUMENTS (SERIAL NUMBERS) USED

Zs Ω Operating times of associated RCD (if any) At $I_{\Delta n}$ ms
 Ipf kA At $5I_{\Delta n}$ (if applicable) ms

Earth fault loop impedance

RCD

Insulation resistance

Other

Continuity

Other

CIRCUIT TESTS

Circuit number and phase	Circuit impedances Ω					Insulation resistance				Polarity	Maximum measured earth fault loop impedance Ω	RCD operating times	
	Ring final circuits only (measured end to end)			All circuits (At least one column to be completed)		Phase/Phase	Phase/Neutral	Phase/Earth	Earth/Neutral			At $I_{\Delta n}$	At $5I_{\Delta n}$ (if applicable)
	r_1 (phases)	r_n (Neutral)	r_2 (cpc)	$R_1 + R_2$	R_2	M Ω	M Ω	M Ω	M Ω			ms	ms
9/R	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A		N/A	N/A	N/A
9/Y	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A		N/A	N/A	N/A
9/B	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A		N/A	N/A	N/A
10/R	N/A	N/A	N/A	0.19	N/A	N/A	200	200	200	✓	0.20	N/A	N/A
10/Y	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A		N/A	N/A	N/A
10/B	N/A	N/A	N/A	0.34	N/A	N/A	200	200	200	✓	0.35	N/A	N/A
11/R	N/A	N/A	N/A	0.12	N/A	N/A	200	200	200	✓	0.13	N/A	N/A
11/Y	N/A	N/A	N/A	0.12	N/A	N/A	200	200	200	✓	0.13	N/A	N/A
11/B	N/A	N/A	N/A	0.12	N/A	N/A	200	200	200	✓	0.13	N/A	N/A
12/R	N/A	N/A	N/A	0.13	N/A	N/A	200	200	200	✓	0.14	N/A	N/A
12/Y	N/A	N/A	N/A	0.13	N/A	N/A	200	200	200	✓	0.14	N/A	N/A
12/B	N/A	N/A	N/A	0.13	N/A	N/A	200	200	200	✓	0.14	N/A	N/A
13/R	N/A	N/A	N/A	0.13	N/A	N/A	200	200	200	✓	0.14	N/A	N/A
13/Y	N/A	N/A	N/A	0.13	N/A	N/A	200	200	200	✓	0.14	N/A	N/A
13/B	N/A	N/A	N/A	0.13	N/A	N/A	200	200	200	✓	0.14	N/A	N/A
14/R	-	-	-	-	-	-	-	-	-	-	-	-	-
14/Y	-	-	-	-	-	-	-	-	-	-	-	-	-
14/B	-	-	-	-	-	-	-	-	-	-	-	-	-
15/R	N/A	N/A	N/A	0.08	N/A	N/A	200	200	200	✓	0.09	N/A	N/A
15/Y	N/A	N/A	N/A	0.15	N/A	N/A	200	200	200	✓	0.16	N/A	N/A
15/B	-	-	-	-	-	-	-	-	-	-	-	-	-
16/R	N/A	N/A	N/A	0.11	N/A	N/A	200	200	200	✓	0.12	N/A	N/A
16/Y	N/A	N/A	N/A	0.04	N/A	N/A	200	200	200	✓	0.05	N/A	N/A
16/B	N/A	N/A	N/A	0.30	N/A	N/A	200	200	200	✓	0.31	N/A	N/A

TESTED BY

Signature

Position

Name

Date of testing

PERIODIC INSPECTION REPORT GUIDANCE NOTES FOR RECIPIENTS

This Periodic Inspection Report form is intended for reporting on the condition of an existing electrical installation.

You should have received an original Report and the contractor should have retained a duplicate. If you were the person ordering this Report, but not the owner of the installation, you should pass this Report, or a full copy of it, immediately to the owner.

The original Report is to be retained in a safe place and be shown to any person inspecting or undertaking work on the electrical installation in the future. If you later vacate the property, this Report will provide the new owner with details of the condition of the electrical installation at the time the Report.

The 'Extent and Limitations' box should fully identify the extent of the installation covered by this Report and any limitations on the inspection and tests. The contractor should have agreed these aspects with you and any other interested parties (Licensing Authority, Insurance Company, Building Society etc) before the inspection was carried out.

The Report will usually contain a list of recommended actions necessary to bring the installation up to the current standard. **For items classified as 'required urgent attention', the safety of those using the installation may be at risk, and it is recommended that a competent person undertakes the necessary remedial work without delay.**

For safety reasons, the electrical installation will need to be re-inspected at appropriate intervals by a competent person. The maximum time interval recommended before the next inspection is stated in the Report under 'Next Inspection.'

These notes are based on those seen in Appendix 6 BS 7671:2001 (as amended)

DEFECTS

REPORT



Defects Report Sheet

OBSERVATIONS AND RECOMMENDATIONS

Site Name	Board Reference	Location	Job Number	Date
AMEC Facilities	DB 1N	1st Floor Riser North	Jn 0955	21/03/02

Defects which do not comply with BS7671:1992 (as amended). This does not imply that the electrical installation inspected is unsafe.					
Defects which require further investigation					
Defects which require improvement					
Defects which require immediate attention					
		Please tick appropriate boxes			
		1	2	3	4
1	Blanks missing. ✓		✓		
2					
3					
4					
5					
6					
7					
8					
9					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					



Defects Report Sheet

OBSERVATIONS AND RECOMMENDATIONS

Site Name	Board Reference	Location	Job Number	Date
AMEC Facilities	DB 1S	1st Floor Riser South	Jn 0955	21/03/02

Defects which do not comply with BS7671:1992 (as amended). This does not imply that the electrical installation inspected is unsafe.

Defects which require further investigation

Defects which require improvement

Defects which require immediate attention

Please tick appropriate boxes

		1	2	3	4
1	Door labels required. ✕				✓
2	Blanks missing. ✓		✓		
3					
4					
5					
6					
7					
8					
9					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					



Defects Report Sheet

OBSERVATIONS AND RECOMMENDATIONS

Site Name	Board Reference	Location	Job Number	Date
AMEC Facilities	DB 2N	2 nd Floor Riser North	Jn 0955	21/03/02

Defects which do not comply with BS7671:1992 (as amended). This does not imply that the electrical installation inspected is unsafe.					
Defects which require further investigation					
Defects which require improvement					
Defects which require immediate attention					
Please tick appropriate boxes		1	2	3	4
1	Blank missing. ✓		✓		
2	5 x 20mm blank grommets required. ✗		✓		
3	Door labels required. ✗				✓
4					
5					
6					
7					
8					
9					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					



Defects Report Sheet

OBSERVATIONS AND RECOMMENDATIONS

Site Name	Board Reference	Location	Job Number	Date
AMEC Facilities	DB 2S	2 nd Floor Riser South	Jn 0955	21/03/02

Defects which do not comply with BS7671:1992 (as amended). This does not imply that the electrical installation inspected is unsafe.					
Defects which require further investigation					
Defects which require improvement					
Defects which require immediate attention					
Please tick appropriate boxes		1	2	3	4
1	S/O in female toilet loose. ✓		✓		
2					
3					
4					
5					
6					
7					
8					
9					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					



Defects Report Sheet

OBSERVATIONS AND RECOMMENDATIONS

Site Name	Board Reference	Location	Job Number	Date
AMEC Facilities	DB 3N	3 rd Floor Riser North	Jn 0955	21/03/02

Defects which do not comply with BS7671:1992 (as amended). This does not imply that the electrical installation inspected is unsafe.					
Defects which require further investigation					
Defects which require improvement					
Defects which require immediate attention					
Please tick appropriate boxes		1	2	3	4
1	1/R/YB = Reverse polarity on lights Glenn Grace's office. ?	✓			
2	11/B+11/R = Labelled on chart incorrectly. x kernts		✓		
3	No warning label on riser door. x				✓
4	No emergency lighting in riser. ?		✓		
5	Trunking lid missing. x	✓			
6	Fuse chart labelled incorrectly. Additional MCB in board. ✓		✓		
7	UPS DB door not closing handle broke kernts?		✓		
8	16/Y = Floor box faulty under desk adjacent to Ian Durant's office. kernts	✓			
9	Main earth connection to DB needs re-terminating. ✓	✓			
10	2 x blanks missing from DB. ✓		✓		
11	2 x screws for DB cover missing. x		✓		
12					
13					
14					
15					
16					
17					
18					
19					
20					



Defects Report Sheet

OBSERVATIONS AND RECOMMENDATIONS

Site Name	Board Reference	Location	Job Number	Date
AMEC Facilities	DB 3S	3 rd Floor Riser South	Jn 0955	21/03/02

Defects which do not comply with BS7671:1992 (as amended). This does not imply that the electrical installation inspected is unsafe.					
Defects which require further investigation					
Defects which require improvement					
Defects which require immediate attention					
Please tick appropriate boxes		1	2	3	4
1	No label on riser door. x		✓		
2	No emergency lighting in riser. ?		✓		
3	10/R + 10/B = Shaver sockets + hand dryers on the same circuit and labelled incorrectly on fuse chart. x		✓		
4					
5					
6					
7					
8					
9					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					



Defects Report Sheet

OBSERVATIONS AND RECOMMENDATIONS

Site Name	Board Reference	Location	Job Number	Date
AMEC Facilities	DB 4N	4th Floor Riser North	Jn 0955	21/03/02

Defects which do not comply with BS7671:1992 (as amended). This does not imply that the electrical installation inspected is unsafe.					
Defects which require further investigation					
Defects which require improvement					
Defects which require immediate attention					
		Please tick appropriate boxes			
		1	2	3	4
1	No warning labels on riser doors. x				✓
2	2 x blanks missing. ✓		✓		
3	No 415V labels on DB's.				✓
4	Lighting control cover insecure. ✓		✓		
5	2' blank grommets missing from landlords DB's 1x32mm		✓		
6					
7					
8					
9					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					



Defects Report Sheet

OBSERVATIONS AND RECOMMENDATIONS

Site Name	Board Reference	Location	Job Number	Date
AMEC Facilities	DB 4S	4th Floor Riser South	Jn 0955	21/03/02

Defects which do not comply with BS7671:1992 (as amended). This does not imply that the electrical installation inspected is unsafe.					
Defects which require further investigation					
Defects which require improvement					
Defects which require immediate attention					
Please tick appropriate boxes		1	2	3	4
1	No warning labels on riser doors. x				✓
2	No 415V labels on DB's. x				✓
3	Kitchen's stainless steel requires bonding. no longer on site		✓		
4					
5					
6					
7					
8					
9					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					

PERIODIC INSPECTION
REPORT
(BS 7671:2001 as amended)

00003870 - Master

Sungard

DETAILS OF THE CLIENT

Client

AMEC Facilities

Address

7/14 Great Dover Street
London
SE1 4YR

Purpose of
this report

5 year periodic inspection.

DETAILS OF THE INSTALLATION

Occupier

AMEC Facilities

Description
of premises

Domestic

Commercial

Industrial

☒

☒

☒

Address

33 St Mary Axe
Leadenhall Street
London

Other

N/A

Estimated age of the electrical installation

10

yrs

Evidence of
alterations or
additions

☒

If yes
estimated
age

N/A

yrs

Date of previous inspection

Not Known

Electrical Installation Certificate No or
previous Periodic Inspection Report No

N/A

Records of
installation available

☒

Records held by

N/A

EXTENT AND LIMITATIONS OF THE INSPECTION

Extent of electrical installation covered by this report

Testing of tenants distribution boards (6th to 5th).
Testing of UPS distribution boards (4th to -1)

Agreed limitation of the inspection and testing

Unable to test some circuits for insulation resistance due to various loads connected on sub-circuits.

This inspection has been carried out in accordance with BS7671:2001(IEE Wiring Regulations), as amended. Cables concealed within trunking and conduits, or cables and conduits concealed under floors, in roof space and generally within the fabric of the building or underground have not been inspected.

DECLARATION

I/We, being the person(s) responsible for the inspection and testing of the electrical installation (as indicated by my/our signatures below), particulars of which are described above, having exercised reasonable skill and care when carrying out the inspection and testing, hereby declare that the information in this report, including observations overleaf and the attached schedules, provide an accurate assessment of the condition of the electrical installation taking into account the stated extent of the installation and the limitations of the inspection.

INSPECTION, TESTING AND ASSESSMENT BY:

REPORT REVIEWED AND CONFIRMED BY:

Signature

Signature

Name

P.Eggleton

Name

Position

Qualifying Manager

Date

Date

No Remedial work is required



☒ **Yes**

Code

1	See defects report.	1
---	---------------------	---

This does not imply that the electrical installation is unsafe.

Corrective action(s) recommended for Items: N/A

General condition of the installation

Unsatisfactory installation.

Unsatisfactory installation.

21/09/2002

N/A

SCHEDULES AND ADDITIONAL PAGES

Schedule of items inspected and
schedules of items tested:

Page 4

Additional pages, including additional
source(s) data sheets

Pages

NONE

Schedule of Circuit Details for the installation

5 - 39 (odd)

Schedule of Test Results for the installation

6 - 40 (even)

NEXT INSPECTOR

I/We recommend that this installation is further inspected and tested after an interval of not more than

5 Years

Provided that any observations which have been attributed recommendation code 1 (requires urgent attention) are remedied without delay. Observations attributed recommendation code 2 or 3 should be acted on as soon as is practical.

DETAILS OF THE INSPECTION AND TEST COMPANY

Trading Title

SCL Group (London) Limited

Address

Elms House, Elms Ind Park
Church Road
Harold Wood
Essex
RM3 0JU

Telephone
number

0870 872 3370

Fax number

0870 872 2763

Part P Reg No.

011378

SUPPLY CHARACTERISTICS AND EARTHING ARRANGEMENTS

* System Type(s)	* Number and Type of Live Conductors				Nature of Supply Parameters				* Supply protective device characteristics
TN-S <input checked="" type="checkbox"/>	a.c. <input checked="" type="checkbox"/>		d.c. <input checked="" type="checkbox"/>		Nominal Voltage U <input type="text" value="N/A"/> V U ₀ <input type="text" value="N/A"/> V			BS(EN)	
TN-C-S <input checked="" type="checkbox"/>	1-Phase (2 wire) <input checked="" type="checkbox"/>	1-Phase (3 wire) <input checked="" type="checkbox"/>	2 Pole <input checked="" type="checkbox"/>		Nominal frequency f <input type="text" value="N/A"/> Hz			N/A	
TN-C <input checked="" type="checkbox"/>	2-Phase (3 wire) <input checked="" type="checkbox"/>		3 Pole <input checked="" type="checkbox"/>		Prospective fault current I _{pf} <input type="text" value="N/A"/> kA			Type	
TT <input checked="" type="checkbox"/>	3-Phase (3 wire) <input checked="" type="checkbox"/>	3-Phase (4 wire) <input checked="" type="checkbox"/>	Other <input checked="" type="checkbox"/>		External loop impedance Z _e <input type="text" value="N/A"/> Ω			N/A	
IT <input checked="" type="checkbox"/>	Other <input type="text" value="N/A"/>				Number of supplies <input type="text" value="1"/>			Nominal current rating <input type="text" value="N/A"/> A	
								Short circuit capacity <input type="text" value="N/A"/> kA	

PARTICULARS OF INSTALLATION REFERRED TO IN THE CERTIFICATE

* Means of Earthing		Details of Installation Earth Electrode (where applicable)	
Distributor's facility <input checked="" type="checkbox"/>		Type (eg rod(s), tape etc) <input type="text" value="N/A"/>	Location <input type="text" value="N/A"/>
Installation earth electrode <input checked="" type="checkbox"/>		Electrode resistance, R _A <input type="text" value="N/A"/> Ω	Method of measurement <input type="text" value="N/A"/>

* Main Switch or Circuit Breaker		Maximum Demand (load)	Method of protection against indirect contact
Type BS(EN) <input type="text" value="N/A"/>	Voltage rating <input type="text" value="N/A"/> V	<input type="text" value="N/A"/> A per phase	<input type="text" value="N/A"/>
No of poles <input type="text" value="N/A"/>	Current rating <input type="text" value="N/A"/> A		
Supply conductors material <input type="text" value="N/A"/>	RCD Operating current, I _{Δn} <input type="text" value="N/A"/> mA		
Supply conductors csa <input type="text" value="N/A"/> mm ²	RCD Operating time at I _{Δn} <input type="text" value="N/A"/> ms		

Main Protective Conductors		Bonding of extraneous conductive parts	
Earthing Conductor	Main equipotential bonding conductors	Water	Gas
material <input type="text" value="N/A"/>	material <input type="text" value="N/A"/>	<input type="text" value="N/A"/>	<input type="text" value="N/A"/>
csa <input type="text" value="N/A"/> mm ²	csa <input type="text" value="N/A"/> mm ²	Oil	Steel
<input type="text" value="N/A"/>	<input type="text" value="N/A"/>	<input type="text" value="N/A"/>	<input type="text" value="N/A"/>
Continuity check <input checked="" type="checkbox"/>	Continuity check <input checked="" type="checkbox"/>	Lightning	Other
<input type="text" value="N/A"/>	<input type="text" value="N/A"/>	<input type="text" value="N/A"/>	<input type="text" value="N/A"/>

* Where a number of sources are available to supply the installation, and where the data given for the primary source may differ from other sources, a separate sheet must be provided which identifies the relevant information relating to each additional source.

SCHEDULE OF ITEMS INSPECTED (see section 712 of BS 7671: 2001)

Method of protection against electric shock:

- ☒ (i) SELV
- ☒ (ii) Limitation of discharge of energy

Protection against direct contact:

- ☒ (i) Insulation of live parts
- ☒ (ii) Barriers or enclosures
- ☐ (iii) Obstacles
- ☐ (iv) Placing out of reach
- ☐ (v) PELV
- ☒ (vi) Presence of RCD for supplementary protection

Protection against indirect contact:

- (i) EEBAD including:
- ☒ Presence of earthing conductors
- ☒ Presence of circuit protective conductors
- ☒ Presence of main equipotential bonding conductors
- ☒ Presence of supplementary equipotential bonding conductors
- ☒ Presence of earthing arrangements for combined protective and functional purposes
- ☒ Presence of adequate arrangements for alternate sources, where applicable
- ☒ Presence of residual current devices
- ☐ (ii) Use of Class II equipment or equivalent insulation
- ☐ (iii) Non-conducting location:
Absence of protective conductors
- ☐ (iv) Earth-free local equipotential bonding:
Presence of earth-free equipotential bonding conductors
- ☐ (v) Electrical separation

Prevention of mutual detrimental influence

- ☒ a. Proximity of non-electrical services and other influences
- ☒ b. Segregation of Band 1 and Band 2 circuits or Band1 insulation used
- ☒ c. Segregation of safety circuits

Identification

- ☒ Presence of diagrams, instructions, circuit charts and similar information
- ☒ Presence of danger notices and other warning notices
- ☒ Labelling of protective devices, switches and terminals
- ☒ Identification of conductors

Cables and conductors

- ☒ Routing of cables in prescribed zones or within mechanical protection
- ☒ Connection of conductors
- ☒ Erection methods
- ☒ Selection of conductors for current-carrying capacity and voltage drop
- ☒ Presence of fire barriers and protection against thermal effects

General

- ☒ Presence and correct location of appropriate devices for isolation and switching
- ☒ Adequacy of access to switchgear and other equipment
- ☒ Particular protective measures for special installations and locations
- ☒ Connection of single pole devices for protection or switching in phase conductors only
- ☒ Correct connection of accessories and equipment
- ☐ Presence of undervoltage protective devices
- ☒ Choice and setting of protective and monitoring devices (for protection against indirect contact and/or overcurrent)
- ☒ Selection of equipment and protective measures appropriate to external influences
- ☒ Selection of appropriate functional switching devices

SCHEDULE OF ITEMS TESTED (see section 713 of BS 7671: 2001)

- ☒ External earth fault loop impedance, Z_e
- ☒ Installation earth electrode resistance, R_A
- ☒ Continuity of protective conductors
- ☒ Continuity of ring final circuit conductors
- ☒ Insulation resistance between live conductors
- ☒ Insulation resistance between live conductors and earth
- ☐ Site applied insulation
- ☐ Protection by separation of circuits
- ☐ Protection against direct contact, by barrier or enclosure provided during erection
- ☐ Insulation of non-conducting floors and walls
- ☒ Polarity
- ☒ Earth fault loop impedance, Z_s
- ☒ Operation of residual current devices
- ☒ Functional testing of assemblies

BOARD DETAILS

TO BE COMPLETED IN EVERY CASE		ONLY TO BE COMPLETED IF THE DISTRIBUTION BOARD IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION		
Location of distribution board	6th Floor South Cupboard Adjacent to Electric Riser	Supply to distribution board is from	Sub Mains(LV Switch Panel 2, 1/TP)	
Distribution board designation	6S	No of phases	3	Nominal Voltage 415 V
		Overcurrent protective device for the distribution circuit		
		Type BS(EN)	88 Fuse HRC gG	Rating 225 A
		Associated RCD (if any)	BS(EN) N/	
		RCD No of poles		
		RCD rating, $I_{\Delta n}$		

CIRCUIT DETAILS

Circuit number and phase	Circuit designation	Type of wiring	Reference method	No of points served	Circuit conductors csa		Max permitted disconnection time s	Overcurrent protective device				RCD	Max permitted Zs
					Live	cpc		BS(EN)	Type No	Rating	Short circuit capacity		
1/R	Lgt/Pwr St Mary Axe	G	N/A	N/A	6	4	N/A	60898 MCB	C	25	10	N/A	N/A
1/Y	Lgt/Pwr St Mary Axe	G	N/A	N/A	6	4	N/A	60898 MCB	C	25	10	N/A	N/A
1/B	Lgt/Pwr St Mary Axe	G	N/A	N/A	6	4	N/A	60898 MCB	C	25	10	N/A	N/A
2/R	Lgt/Pwr St Helens	G	N/A	N/A	6	4	N/A	60898 MCB	C	25	10	N/A	N/A
2/Y	Lgt/Pwr St Helens	G	N/A	N/A	6	4	N/A	60898 MCB	C	25	10	N/A	N/A
2/B	Lgt/Pwr St Helens	G	N/A	N/A	6	4	N/A	60898 MCB	C	25	10	N/A	N/A
3/R	Lgt/Pwr St Helens	G	N/A	N/A	6	4	N/A	60898 MCB	C	25	10	N/A	N/A
3/Y	Lgt/Pwr St Helens	G	N/A	N/A	6	4	N/A	60898 MCB	C	25	10	N/A	N/A
3/B	Lgt/Pwr St Helens	G	N/A	N/A	6	4	N/A	60898 MCB	C	25	10	N/A	N/A
4/R	Lgt/Pwr South Centre	G	N/A	N/A	6	4	N/A	60898 MCB	C	25	10	N/A	N/A
4/Y	Lgt/Pwr South Centre	G	N/A	N/A	6	4	N/A	60898 MCB	C	25	10	N/A	N/A
4/B	Lgt/Pwr South Centre	G	N/A	N/A	6	4	N/A	60898 MCB	C	25	10	N/A	N/A
5/R	Lgt/Pwr South Centre	G	N/A	N/A	6	4	N/A	60898 MCB	C	25	10	N/A	N/A
5/Y	Lgt/Pwr South Centre	G	N/A	N/A	6	4	N/A	60898 MCB	C	25	10	N/A	N/A
5/B	Lgt/Pwr South Centre	G	N/A	N/A	6	4	N/A	60898 MCB	C	25	10	N/A	N/A
6/R	Lgt/Pwr St Mary Axe	G	N/A	N/A	6	4	N/A	60898 MCB	C	25	10	N/A	N/A
6/Y	Lgt/Pwr St Mary Axe	G	N/A	N/A	6	4	N/A	60898 MCB	C	25	10	N/A	N/A
6/B	Lgt/Pwr St Mary Axe	G	N/A	N/A	6	4	N/A	60898 MCB	C	25	10	N/A	N/A
7/R	Lgt/Pwr South Centre	G	N/A	N/A	6	4	N/A	60898 MCB	C	25	10	N/A	N/A
7/Y	Lgt/Pwr South Centre	G	N/A	N/A	6	4	N/A	60898 MCB	C	25	10	N/A	N/A
7/B	Lgt/Pwr South Centre	G	N/A	N/A	6	4	N/A	60898 MCB	C	25	10	N/A	N/A
8/R	Lighting control box	B/D	N/A	N/A	2.5	4	N/A	60898 MCB	C	10	10	N/A	N/A
8/Y	Toilet lighting/shaver	B/D	N/A	N/A	2.5	4	N/A	60898 MCB	C	10	10	N/A	N/A
8/B	SPARE	-	-	-	-	-	-	-	-	-	-	-	-

WIRING CODES

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

BOARD TESTS

ONLY TO BE COMPLETED IF THE DISTRIBUTION BOARD IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION				TEST INSTRUMENTS (SERIAL NUMBERS) USED			
Zs	0.06 Ω	Operating times of associated RCD (if any)	At I Δn	N/A ms	Earth fault loop impedance	3285690	RCD
lpf	4.0 kA		At 5I Δn (if applicable)	N/A ms	Insulation resistance	N/A	Other
					Continuity	N/A	Other

CIRCUIT TESTS

Circuit number and phase	Circuit impedances Ω					Insulation resistance				Polarity	Maximum measured earth fault loop impedance Ω	RCD operating times	
	Ring final circuits only (measured end to end)			All circuits (At least one column to be completed)		Phase/Phase	Phase/Neutral	Phase/Earth	Earth/Neutral			At I Δn	At 5I Δn (if applicable)
	r_1 (phases)	r_n (Neutral)	r_2 (opc)	$R_1 + R_2$	R_2	M Ω	M Ω	M Ω	M Ω			ms	ms
1/R	N/A	N/A	N/A	0.31	N/A	N/A	N/A	N/A	200		0.37	N/A	N/A
1/Y	N/A	N/A	N/A	0.31	N/A	N/A	N/A	N/A	200		0.37	N/A	N/A
1/B	N/A	N/A	N/A	0.31	N/A	N/A	N/A	N/A	200		0.37	N/A	N/A
2/R	N/A	N/A	N/A	0.34	N/A	N/A	N/A	N/A	200		0.40	N/A	N/A
2/Y	N/A	N/A	N/A	0.34	N/A	N/A	N/A	N/A	200		0.40	N/A	N/A
2/B	N/A	N/A	N/A	0.34	N/A	N/A	N/A	N/A	200		0.40	N/A	N/A
3/R	N/A	N/A	N/A	0.35	N/A	N/A	N/A	N/A	200		0.41	N/A	N/A
3/Y	N/A	N/A	N/A	0.35	N/A	N/A	N/A	N/A	200		0.41	N/A	N/A
3/B	N/A	N/A	N/A	0.35	N/A	N/A	N/A	N/A	200		0.41	N/A	N/A
4/R	N/A	N/A	N/A	0.33	N/A	N/A	N/A	N/A	200		0.39	N/A	N/A
4/Y	N/A	N/A	N/A	0.33	N/A	N/A	N/A	N/A	200		0.39	N/A	N/A
4/B	N/A	N/A	N/A	0.33	N/A	N/A	N/A	N/A	200		0.39	N/A	N/A
5/R	N/A	N/A	N/A	0.32	N/A	N/A	N/A	N/A	200		0.38	N/A	N/A
5/Y	N/A	N/A	N/A	0.32	N/A	N/A	N/A	N/A	200		0.38	N/A	N/A
5/B	N/A	N/A	N/A	0.32	N/A	N/A	N/A	N/A	200		0.38	N/A	N/A
6/R	N/A	N/A	N/A	0.30	N/A	N/A	N/A	N/A	200		0.36	N/A	N/A
6/Y	N/A	N/A	N/A	0.30	N/A	N/A	N/A	N/A	200		0.36	N/A	N/A
6/B	N/A	N/A	N/A	0.30	N/A	N/A	N/A	N/A	200		0.36	N/A	N/A
7/R	N/A	N/A	N/A	0.29	N/A	N/A	N/A	N/A	200		0.35	N/A	N/A
7/Y	N/A	N/A	N/A	0.29	N/A	N/A	N/A	N/A	200		0.35	N/A	N/A
7/B	N/A	N/A	N/A	0.29	N/A	N/A	N/A	N/A	200		0.35	N/A	N/A
8/R	UTT	UTT	UTT	UTT	UTT	N/A	UTT	UTT	UTT		UTT	N/A	N/A
8/Y	N/A	N/A	N/A	0.21	N/A	N/A	N/A	N/A	200		0.27	N/A	N/A
8/B	-	-	-	-	-	-	-	-	-		-	-	-

TESTED BY

Signature		Position	Electrician
Name	D. Dowsett	Date of testing	

BOARD DETAILS

TO BE COMPLETED IN EVERY CASE		ONLY TO BE COMPLETED IF THE DISTRIBUTION BOARD IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION		
Location of distribution board	6th Floor South Cupboard Adjacent to Electric Riser	Supply to distribution board is from	Sub Mains(LV Switch Panel 2, 1/TP)	
Distribution board designation	6S	No of phases	3	Nominal Voltage 415 V
		Overcurrent protective device for the distribution circuit		
		Type BS(EN)	88 Fuse HRC gG	Rating 225 A
		Associated RCD (if any)	BS(EN) N/	
		RCD No of poles		
		RCD rating, $I_{\Delta n}$		

CIRCUIT DETAILS

Circuit number and phase	Circuit designation	Type of wiring	Reference method	No of points served	Circuit conductors csa		Max permitted disconnection time s	Overcurrent protective device				RCD Op. current $I_{\Delta n}$	Max permitted Zs Ω
					Live mm ²	cpc mm ²		BS(EN)	Type No	Rating A	Short circuit capacity kA		
9/R	Water heater in toilet	B/D	N/A	N/A	2.5	1.5	N/A	60898 MCB	C	20	10	N/A	N/A
9/Y	Water heater in toilet	B/D	N/A	N/A	2.5	1.5	N/A	60898 MCB	C	20	10	N/A	N/A
9/B	Water heater in toilet	B/D	N/A	N/A	2.5	1.5	N/A	60898 MCB	C	20	10	N/A	N/A
10/R	Hand dryer and socket	B/D	N/A	N/A	2.5	1.5	N/A	60898 MCB	C	32	10	N/A	N/A
10/Y	SPARE	-	-	-	-	-	-	-	-	-	-	-	-
10/B	Hand dryer and socket	B/D	N/A	N/A	2.5	1.5	N/A	60898 MCB	C	32	10	N/A	N/A
11/R	Floor track No1	B/D	N/A	N/A	6	4	N/A	60898 MCB	C	32	10	N/A	N/A
11/Y	Floor track No 4	B/D	N/A	N/A	10	6	N/A	60898 MCB	C	63	10	N/A	N/A
11/B	Floor track No 7	B/D	N/A	N/A	10	6	N/A	60898 MCB	C	63	10	N/A	N/A
12/R	Floor track No2	B/D	N/A	N/A	10	6	N/A	60898 MCB	C	63	10	N/A	N/A
12/Y	Floor track No5	B/D	N/A	N/A	10	6	N/A	60898 MCB	C	63	10	N/A	N/A
12/B	Floor track No8	B/D	N/A	N/A	10	6	N/A	60898 MCB	C	63	10	N/A	N/A
13/R	Floor track No3	B/D	N/A	N/A	10	6	N/A	60898 MCB	C	63	10	N/A	N/A
13/Y	Floor track No6	B/D	N/A	N/A	6	4	N/A	60898 MCB	C	32	10	N/A	N/A
13/B	Floor track No9	B/D	N/A	N/A	10	6	N/A	60898 MCB	C	63	10	N/A	N/A
14/R	Shower	B/D	N/A	N/A	10	6	N/A	60898 MCB	C	40	10	N/A	N/A
14/Y	Cleaners ring	B/D	N/A	N/A	2.5	1.5	N/A	60898 MCB	C	32	10	N/A	N/A
14/B	Floor track No10	B/D	N/A	N/A	6	4	N/A	60898 MCB	C	32	10	N/A	N/A
15/R	Kitchen/Ring	B/D	N/A	N/A	2.5	1.5	N/A	60898 MCB	C	32	10	N/A	N/A
15/Y	SPARE	-	-	-	-	-	-	-	-	-	-	-	-
15/B	Security spurs in riser	B/D	N/A	N/A	2.5	1.5	N/A	60898 MCB	C	20	10	N/A	N/A
16/R	Dado trunking	B/D	N/A	N/A	2.5	1.5	N/A	60898 MCB	C	32	10	N/A	N/A
16/Y	SPARE	-	-	-	-	-	-	-	-	-	-	-	-
16/B	SPARE	-	-	-	-	-	-	-	-	-	-	-	-

WIRING CODES

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

BOARD TESTS

ONLY TO BE COMPLETED IF THE DISTRIBUTION BOARD IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION				TEST INSTRUMENTS (SERIAL NUMBERS) USED				
Zs	0.06 Ω	Operating times of associated RCD (if any)	At $I_{\Delta n}$	N/A ms	Earth fault loop impedance	3285690	RCD	N/A
Ip	4.0 kA		At $5I_{\Delta n}$ (if applicable)	N/A ms	Insulation resistance	N/A	Other	N/A
					Continuity	N/A	Other	N/A

CIRCUIT TESTS

Circuit number and phase	Circuit impedances Ω					Insulation resistance				Polarity	Maximum measured earth fault loop impedance Ω	RCD operating times	
	Ring final circuits only (measured end to end)			All circuits (At least one column to be completed)		Phase/Phase	Phase/Neutral	Phase/Earth	Earth/Neutral			At $I_{\Delta n}$	At $5I_{\Delta n}$ (if applicable)
	r_1 (phases)	r_n (Neutral)	r_2 (opc)	$R_1 + R_2$	R_2	M Ω	M Ω	M Ω	M Ω			ms	ms
9/R	UTT	UTT	UTT	UTT	UTT	N/A	UTT	UTT	UTT		UTT	N/A	N/A
9/Y	UTT	UTT	UTT	UTT	UTT	N/A	UTT	UTT	UTT		UTT	N/A	N/A
9/B	UTT	UTT	UTT	UTT	UTT	N/A	UTT	UTT	UTT		UTT	N/A	N/A
10/R	N/A	N/A	N/A	0.14	N/A	N/A	N/A	N/A	200	✓	0.20	N/A	N/A
10/Y	-	-	-	-	-	-	-	-	-	-	-	-	-
10/B	N/A	N/A	N/A	0.18	N/A	N/A	N/A	N/A	200	✓	0.24	N/A	N/A
11/R	N/A	N/A	N/A	0.18	N/A	N/A	N/A	N/A	200	✓	0.24	N/A	N/A
11/Y	N/A	N/A	N/A	0.21	N/A	N/A	N/A	N/A	200	✓	0.27	N/A	N/A
11/B	N/A	N/A	N/A	0.12	N/A	N/A	N/A	N/A	200	✓	0.18	N/A	N/A
12/R	N/A	N/A	N/A	0.14	N/A	N/A	N/A	N/A	200	✓	0.20	N/A	N/A
12/Y	N/A	N/A	N/A	0.18	N/A	N/A	N/A	N/A	200	✓	0.24	N/A	N/A
12/B	N/A	N/A	N/A	0.22	N/A	N/A	N/A	N/A	200	✓	0.28	N/A	N/A
13/R	N/A	N/A	N/A	0.16	N/A	N/A	N/A	N/A	200	✓	0.22	N/A	N/A
13/Y	UTT	UTT	UTT	UTT	UTT	N/A	UTT	UTT	UTT		UTT	N/A	N/A
13/B	N/A	N/A	N/A	0.15	N/A	N/A	N/A	N/A	200	✓	0.21	N/A	N/A
14/R	N/A	N/A	N/A	0.03	N/A	N/A	N/A	N/A	200	✓	0.09	N/A	N/A
14/Y	N/A	N/A	N/A	0.09	N/A	N/A	N/A	N/A	200	✓	0.15	N/A	N/A
14/B	N/A	N/A	N/A	0.16	N/A	N/A	N/A	N/A	200	✓	0.22	N/A	N/A
15/R	N/A	N/A	N/A	0.16	N/A	N/A	N/A	N/A	200	✓	0.21	N/A	N/A
15/Y	-	-	-	-	-	-	-	-	-	-	-	-	-
15/B	UTT	UTT	UTT	UTT	UTT	N/A	UTT	UTT	UTT	✓	UTT	N/A	N/A
16/R	N/A	N/A	N/A	0.16	N/A	N/A	N/A	N/A	200	✓	0.21	N/A	N/A
16/Y	-	-	-	-	-	-	-	-	-	-	-	-	-
16/B	-	-	-	-	-	-	-	-	-	-	-	-	-

TESTED BY

Signature		Position	Electrician
Name	D. Dowsett	Date of testing	

BOARD DETAILS

TO BE COMPLETED IN EVERY CASE		ONLY TO BE COMPLETED IF THE DISTRIBUTION BOARD IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION		
Location of distribution board	6th Floor North Cupboard ADJ To Electric Riser	Supply to distribution board is from	Sub Mains(LV Switch Panel 2, 2/TP)	
Distribution board designation	6N	No of phases	3	Nominal Voltage 415 V
		Overcurrent protective device for the distribution circuit		
		Type BS(EN)	88 Fuse HRC gG	Rating 225 A
		Associated RCD (if any)	BS(EN) N/A	
		RCD No of poles	N/A	
		RCD rating, $I_{\Delta n}$	N/A mA	

CIRCUIT DETAILS

Circuit number and phase	Circuit designation	Type of wiring	Reference method	No of points served	Circuit conductors csa		Max permitted disconnection time s	Overcurrent protective device				RCD	Max permitted Zs	
					Live mm ²	cpc mm ²		BS(EN)	Type No	Rating A	Short circuit capacity kA			Op. current I _{Δn}
1/R	Lgt/Pwr St Helens Place	G	N/A	N/A	6	6	N/A	60898 MCB	C	25	10	N/A	N/A	
1/Y	Lgt/Pwr St Helens Place	G	N/A	N/A	6	6	N/A	60898 MCB	C	25	10	N/A	N/A	
1/B	Lgt/Pwr St Helens Place	G	N/A	N/A	6	6	N/A	60898 MCB	C	25	10	N/A	N/A	
2/R	Lgt/Pwr St Helens Place	G	N/A	N/A	6	6	N/A	60898 MCB	C	25	10	N/A	N/A	
2/Y	Lgt/Pwr St Helens Place	G	N/A	N/A	6	6	N/A	60898 MCB	C	25	10	N/A	N/A	
2/B	Lgt/Pwr St Helens Place	G	N/A	N/A	6	6	N/A	60898 MCB	C	25	10	N/A	N/A	
3/R	Lgt/Pwr St Mary Axe	G	N/A	N/A	6	6	N/A	60898 MCB	C	25	10	N/A	N/A	
3/Y	Lgt/Pwr St Mary Axe	G	N/A	N/A	6	6	N/A	60898 MCB	C	25	10	N/A	N/A	
3/B	Lgt/Pwr St Mary Axe	G	N/A	N/A	6	6	N/A	60898 MCB	C	25	10	N/A	N/A	
4/R	Lgt/Pwr St Mary Axe	G	N/A	N/A	6	6	N/A	60898 MCB	C	25	10	N/A	N/A	
4/Y	Lgt/Pwr St Mary Axe	G	N/A	N/A	6	6	N/A	60898 MCB	C	25	10	N/A	N/A	
4/B	Lgt/Pwr St Mary Axe	G	N/A	N/A	6	6	N/A	60898 MCB	C	25	10	N/A	N/A	
5/R	Floor track No2	B/D	N/A	N/A	10	6	0.4	60898 MCB	C	63	10	N/A	0.38	
5/Y	Floor track No8	B/D	N/A	N/A	10	6	0.4	60898 MCB	C	63	10	N/A	0.38	
5/B	Floor track No1	B/D	N/A	N/A	6	4	0.4	60898 MCB	C	63	10	N/A	0.38	
6/R	Floor track No3	B/D	N/A	N/A	10	6	0.4	60898 MCB	C	63	10	N/A	0.38	
6/Y	Floor track No9	B/D	N/A	N/A	10	6	0.4	60898 MCB	C	63	10	N/A	0.38	
6/B	Floor track No6	B/D	N/A	N/A	10	6	0.4	60898 MCB	C	63	10	N/A	0.38	
7/R	Floor track No4	B/D	N/A	N/A	6	4	0.4	60898 MCB	C	32	10	N/A	0.75	
7/Y	Floor track No 10	B/D	N/A	N/A	6	4	0.4	60898 MCB	C	32	10	N/A	0.75	
7/B	Floor track No7	B/D	N/A	N/A	6	4	0.4	60898 MCB	C	32	10	N/A	0.75	
8/R	Lgt control box in riser	B/D	N/A	N/A	2.5	1.5	0.5	60898 MCB	C	10	10	N/A	N/A	
8/Y	Toilet lights/Shaver	B/D	N/A	N/A	2.5	1.5	0.5	60898 MCB	C	10	10	N/A	N/A	
8/B	SPARE	-	-	-	-	-	-	-	-	-	-	-	-	

WIRING CODES

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

BOARD TESTS

ONLY TO BE COMPLETED IF THE DISTRIBUTION BOARD IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION				TEST INSTRUMENTS (SERIAL NUMBERS) USED			
				Earth fault loop impedance	3285690	RCD	N/A
Zs	0.05 Ω	Operating times of associated RCD (if any)	At I Δn	N/A	ms	Insulation resistance	N/A
Ipf	4.8 kA		At 5I Δn (if applicable)	N/A	ms	Other	N/A
				Continuity	N/A	Other	N/A

CIRCUIT TESTS

Circuit number and phase	Circuit impedances Ω					Insulation resistance				Polarity	Maximum measured earth fault loop impedance Ω	RCD operating times	
	Ring final circuits only (measured end to end)			All circuits (At least one column to be completed)		Phase/Phase	Phase/Neutral	Phase/Earth	Earth/Neutral			At I Δn	At 5I Δn (if applicable)
	r_1 (phases)	r_n (Neutral)	r_2 (opc)	$R_1 + R_2$	R_2	M Ω	M Ω	M Ω	M Ω			ms	ms
1/R	N/A	N/A	N/A	0.36	N/A	N/A	N/A	N/A	N/A	✓	0.41	N/A	N/A
1/Y	N/A	N/A	N/A	0.36	N/A	N/A	N/A	N/A	N/A	✓	0.41	N/A	N/A
1/B	N/A	N/A	N/A	0.36	N/A	N/A	N/A	N/A	N/A	✓	0.41	N/A	N/A
2/R	N/A	N/A	N/A	0.34	N/A	N/A	N/A	N/A	N/A	✓	0.39	N/A	N/A
2/Y	N/A	N/A	N/A	0.34	N/A	N/A	N/A	N/A	N/A	✓	0.39	N/A	N/A
2/B	N/A	N/A	N/A	0.34	N/A	N/A	N/A	N/A	N/A	✓	0.39	N/A	N/A
3/R	N/A	N/A	N/A	0.32	N/A	N/A	N/A	N/A	N/A	✓	0.37	N/A	N/A
3/Y	N/A	N/A	N/A	0.32	N/A	N/A	N/A	N/A	N/A	✓	0.37	N/A	N/A
3/B	N/A	N/A	N/A	0.32	N/A	N/A	N/A	N/A	N/A	✓	0.37	N/A	N/A
4/R	N/A	N/A	N/A	0.34	N/A	N/A	N/A	N/A	N/A	✓	0.36	N/A	N/A
4/Y	N/A	N/A	N/A	0.34	N/A	N/A	N/A	N/A	N/A	✓	0.36	N/A	N/A
4/B	N/A	N/A	N/A	0.34	N/A	N/A	N/A	N/A	N/A	✓	0.36	N/A	N/A
5/R	UTT	UTT	UTT	UTT	UTT	N/A	UTT	UTT	UTT		UTT	N/A	N/A
5/Y	N/A	N/A	N/A	0.26	N/A	N/A	N/A	N/A	N/A	✓	0.31	N/A	N/A
5/B	UTT	UTT	UTT	UTT	UTT	N/A	UTT	UTT	UTT		UTT	N/A	N/A
6/R	UTT	UTT	UTT	UTT	UTT	N/A	UTT	UTT	UTT		UTT	N/A	N/A
6/Y	N/A	N/A	N/A	0.25	N/A	N/A	N/A	N/A	N/A	✓	0.29	N/A	N/A
6/B	N/A	N/A	N/A	0.14	N/A	N/A	N/A	N/A	N/A	✓	0.19	N/A	N/A
7/R	N/A	N/A	N/A	0.16	N/A	N/A	N/A	N/A	N/A	✓	0.21	N/A	N/A
7/Y	N/A	N/A	N/A	0.27	N/A	N/A	N/A	N/A	N/A	✓	0.32	N/A	N/A
7/B	N/A	N/A	N/A	0.19	N/A	N/A	N/A	N/A	N/A	✓	0.24	N/A	N/A
8/R	UTT	UTT	UTT	UTT	UTT	N/A	UTT	UTT	UTT		UTT	N/A	N/A
8/Y	N/A	N/A	N/A	0.12	N/A	N/A	N/A	N/A	N/A	✓	0.17	N/A	N/A
8/B	-	-	-	-	-	-	-	-	-		-	-	-

TESTED BY

Signature		Position	Qualified Manager
Name	D. Dowsett	Date of testing	

BOARD DETAILS

TO BE COMPLETED IN EVERY CASE		ONLY TO BE COMPLETED IF THE DISTRIBUTION BOARD IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION			
Location of distribution board	6th Floor North Cupboard ADJ To Electric Riser	Supply to distribution board is from	Sub Mains(LV Switch Panel 2, 2/TP)		Associated RCD (if any)
Distribution board designation	6N	No of phases	3	Nominal Voltage	415 V
		Overcurrent protective device for the distribution circuit	Type BS(EN)		88 Fuse HRC gG Rating 225 A
					RCD No of poles N/A
					RCD rating, I _{Δn} N/A mA

CIRCUIT DETAILS

Circuit number and phase	Circuit designation	Type of wiring	Reference method	No of points served	Circuit conductors csa		Max permitted disconnection time s	Overcurrent protective device				RCD Op. current I _{Δn}	Max permitted Zs Ω
					Live mm ²	cpc mm ²		BS(EN)	Type No	Rating A	Short circuit capacity kA		
9/R	Toilet water heater	B/D	N/A	N/A	4	2.5	N/A	60898 MCB	C	20	10	N/A	N/A
9/Y	Toilet water heater	B/D	N/A	N/A	4	2.5	N/A	60898 MCB	C	20	10	N/A	N/A
9/B	Toilet water heater	B/D	N/A	N/A	4	2.5	N/A	60898 MCB	C	20	10	N/A	N/A
10/R	Hand dryer	B/D	N/A	N/A	4	2.5	N/A	60898 MCB	C	32	10	N/A	N/A
10/Y	Kitchen ring	B/D	N/A	N/A	2.5	2.5	N/A	60898 MCB	C	32	10	N/A	N/A
10/B	Hand dryer	B/D	N/A	N/A	4	2.5	N/A	60898 MCB	C	32	10	N/A	N/A
11/R	Floor track	B/D	N/A	N/A	6	2.5	N/A	60898 MCB	C	63	10	N/A	N/A
11/Y	Water heater (kit)	B/D	N/A	N/A	2.5	2.5	N/A	60898 MCB	C	20	10	N/A	N/A
11/B	Dado ring CCT	B/D	N/A	N/A	2.5	2.5	N/A	60898 MCB	C	32	10	N/A	N/A
12/R	Cleaners ring	B/D	N/A	N/A	2.5	2.5	N/A	60898 MCB	C	32	10	N/A	N/A
12/Y	Daiken split unit lift lob	B/D	N/A	N/A	2.5	2.5	N/A	60898 MCB	C	10	10	N/A	N/A
12/B	Spurs for security	B/D	N/A	N/A	2.5	2.5	N/A	60898 MCB	C	20	10	N/A	N/A
13/R	SPARE	-	-	-	-	-	-	-	-	-	-	-	-
13/Y	SPARE	-	-	-	-	-	-	-	-	-	-	-	-
13/B	Spurs for security	B/D	N/A	N/A	2.5	2.5	N/A	60898 MCB	C	20	10	N/A	N/A
14/R	SPARE	-	-	-	-	-	-	-	-	-	-	-	-
14/Y	SPARE	-	-	-	-	-	-	-	-	-	-	-	-
14/B	Spur for burgular alarm	B/D	N/A	N/A	2.5	2.5	N/A	60898 MCB	C	20	10	N/A	N/A
15/R	SPARE	-	-	-	-	-	-	-	-	-	-	-	-
15/Y	Test room (lift lobby)	B/D	N/A	N/A	4	2.5	N/A	60898 MCB	C	32	10	N/A	N/A
15/B	SPARE	-	-	-	-	-	-	-	-	-	-	-	-
16/R	SPARE	-	-	-	-	-	-	-	-	-	-	-	-
16/Y	SPARE	-	-	-	-	-	-	-	-	-	-	-	-
16/B	SPARE	-	-	-	-	-	-	-	-	-	-	-	-

WIRING CODES

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

BOARD TESTS

ONLY TO BE COMPLETED IF THE DISTRIBUTION BOARD IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION				TEST INSTRUMENTS (SERIAL NUMBERS) USED				
Zs	0.05 Ω	Operating times of associated RCD (if any)	At I Δn	N/A ms	Earth fault loop impedance	3285690	RCD	N/A
Ip	4.8 kA		At 5I Δn (if applicable)	N/A ms	Insulation resistance	N/A	Other	N/A
					Continuity	N/A	Other	N/A

CIRCUIT TESTS

Circuit number and phase	Circuit impedances Ω					Insulation resistance				Polarity	Maximum measured earth fault loop impedance Ω	RCD operating times	
	Ring final circuits only (measured end to end)			All circuits (At least one column to be completed)		Phase/Phase	Phase/Neutral	Phase/Earth	Earth/Neutral			At I Δn	At 5I Δn (if applicable)
	r_1 (phases)	r_n (Neutral)	r_2 (cpc)	$R_1 + R_2$	R_2	M Ω	M Ω	M Ω	M Ω			ms	ms
9/R	UTT	UTT	UTT	UTT	UTT	N/A	UTT	UTT	UTT		UTT	N/A	N/A
9/Y	UTT	UTT	UTT	UTT	UTT	N/A	UTT	UTT	UTT		UTT	N/A	N/A
9/B	UTT	UTT	UTT	UTT	UTT	N/A	UTT	UTT	UTT		UTT	N/A	N/A
10/R	N/A	N/A	N/A	0.10	N/A	N/A	N/A	N/A	N/A	✓	0.15	N/A	N/A
10/Y	0.24	0.24	0.24	0.16	N/A	N/A	N/A	N/A	N/A	✓	0.21	N/A	N/A
10/B	N/A	N/A	N/A	0.11	N/A	N/A	N/A	N/A	N/A	✓	0.16	N/A	N/A
11/R	N/A	N/A	N/A	0.16	N/A	N/A	N/A	N/A	N/A	✓	0.21	N/A	N/A
11/Y	N/A	N/A	N/A	0.19	N/A	N/A	N/A	N/A	N/A	✓	0.24	N/A	N/A
11/B	0.44	0.44	0.44	0.18	N/A	N/A	N/A	N/A	N/A	✓	0.23	N/A	N/A
12/R	1.00	1.00	1.00	0.16	N/A	N/A	N/A	N/A	N/A	✓	0.21	N/A	N/A
12/Y	UTT	UTT	UTT	UTT	UTT	N/A	UTT	UTT	UTT	✓	UTT	N/A	N/A
12/B	N/A	N/A	N/A	0.01	N/A	N/A	N/A	N/A	N/A	✓	0.06	N/A	N/A
13/R	-	-	-	-	-	-	-	-	-	•	-	-	-
13/Y	-	-	-	-	-	-	-	-	-	•	-	-	-
13/B	N/A	N/A	N/A	0.01	N/A	N/A	N/A	N/A	N/A	✓	0.06	N/A	N/A
14/R	-	-	-	-	-	-	-	-	-	•	-	-	-
14/Y	-	-	-	-	-	-	-	-	-	•	-	-	-
14/B	N/A	N/A	N/A	0.01	N/A	N/A	N/A	N/A	N/A	✓	0.06	N/A	N/A
15/R	-	-	-	-	-	-	-	-	-	•	-	-	-
15/Y	UTT	UTT	UTT	UTT	UTT	N/A	UTT	UTT	UTT		UTT	N/A	N/A
15/B	-	-	-	-	-	-	-	-	-	•	-	-	-
16/R	-	-	-	-	-	-	-	-	-	•	-	-	-
16/Y	-	-	-	-	-	-	-	-	-	•	-	-	-
16/B	-	-	-	-	-	-	-	-	-	•	-	-	-

TESTED BY

Signature		Position	Qualified Manager
Name	D. Dowsett	Date of testing	

BOARD DETAILS

TO BE COMPLETED IN EVERY CASE		ONLY TO BE COMPLETED IF THE DISTRIBUTION BOARD IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION		
Location of distribution board	5th Floor South Riser Cupboard	Supply to distribution board is from	Sub Mains(LV Switch Panel 2, 3/TP)	
Distribution board designation	5S	No of phases	3	Nominal Voltage 415 V
		Overcurrent protective device for the distribution circuit		
		Type BS(EN)	88 Fuse HRC gG	Rating N/A A
		Associated RCD (if any)	BS(EN) N/A	
		RCD No of poles	N/A	
		RCD rating, $I_{\Delta n}$	N/A mA	

CIRCUIT DETAILS

Circuit number and phase	Circuit designation	Type of wiring	Reference method	No of points served	Circuit conductors csa		Max permitted disconnection time s	Overcurrent protective device				RCD Op. current $I_{\Delta n}$	Max permitted Zs Ω
					Live mm ²	cpc mm ²		BS(EN)	Type No	Rating A	Short circuit capacity kA		
1/R	Lighting and power	G	1	N/A	6	6	5	60898 MCB	C	25	10	N/A	0.96
1/Y	Bus duct St	G	1	N/A	6	6	5	60898 MCB	C	25	10	N/A	0.96
1/B	Mary Axe SE	G	1	N/A	6	6	5	60898 MCB	C	25	10	N/A	0.96
2/R	Lighting and power	G	1	N/A	6	6	5	60898 MCB	C	25	10	N/A	0.96
2/Y	Bus duct.st	G	1	N/A	6	6	5	60898 MCB	C	25	10	N/A	0.96
2/B	Helens Sw	G	1	N/A	6	6	5	60898 MCB	C	25	10	N/A	0.96
3/R	Lighting and power	G	1	N/A	6	6	5	60898 MCB	C	25	10	N/A	0.96
3/Y	Bus duct	G	1	N/A	6	6	5	60898 MCB	C	25	10	N/A	0.96
3/B	St Helens sw	G	1	N/A	6	6	5	60898 MCB	C	25	10	N/A	0.96
4/R	Lighting and power	G	1	N/A	6	6	5	60898 MCB	C	25	10	N/A	0.96
4/Y	Bus duct	G	1	N/A	6	6	5	60898 MCB	C	25	10	N/A	0.96
4/B	South Centre	G	1	N/A	6	6	5	60898 MCB	C	25	10	N/A	0.96
5/R	Lighting and power	G	1	N/A	6	6	5	60898 MCB	C	25	10	N/A	0.96
5/Y	Bus duct	G	1	N/A	6	6	5	60898 MCB	C	25	10	N/A	0.96
5/B	South Centre	G	1	N/A	6	6	5	60898 MCB	C	25	10	N/A	0.96
6/R	Lighting and power	G	1	N/A	6	6	5	60898 MCB	C	25	10	N/A	0.96
6/Y	Bus duct	G	1	N/A	6	6	5	60898 MCB	C	25	10	N/A	0.96
6/B	St Mary Axe SE	G	1	N/A	6	6	5	60898 MCB	C	25	10	N/A	0.96
7/R	Lighting and power	G	1	N/A	6	6	5	60898 MCB	C	25	10	N/A	0.96
7/Y	Bus duct	G	1	N/A	6	6	5	60898 MCB	C	25	10	N/A	0.96
7/B	South	G	1	N/A	6	6	5	60898 MCB	C	25	10	N/A	0.96
8/R	Lighting control box	B/D	3	N/A	2.5	2.5	5	60898 MCB	C	10	10	N/A	2.40
8/Y	Toilet lighting and shave	G	1	N/A	2.5	2.5	5	60898 MCB	C	10	10	N/A	2.40
8/B	Ups in file server room	G	1	N/A	6	6	5	60898 MCB	C	10	10	N/A	2.40

WIRING CODES

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

BOARD TESTS

ONLY TO BE COMPLETED IF THE DISTRIBUTION BOARD IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION				TEST INSTRUMENTS (SERIAL NUMBERS) USED			
Zs	0.09 Ω	Operating times of associated RCD (if any)	At I Δn	N/A ms	Earth fault loop impedance	N/A	RCD
Ipf	2.35 kA		At 5I Δn (if applicable)	N/A ms	Insulation resistance	N/A	Other
					Continuity	N/A	Other

CIRCUIT TESTS

Circuit number and phase	Circuit impedances Ω					Insulation resistance				Polarity	Maximum measured earth fault loop impedance Ω	RCD operating times	
	Ring final circuits only (measured end to end)			All circuits (At least one column to be completed)		Phase/Phase	Phase/Neutral	Phase/Earth	Earth/Neutral			At I Δn	At 5I Δn (if applicable)
	r_1 (phases)	r_n (Neutral)	r_2 (opc)	$R_1 + R_2$	R_2	M Ω	M Ω	M Ω	M Ω			ms	ms
1/R	N/A	N/A	N/A	0.31	N/A	N/A	N/A	N/A	200	✓	0.40	N/A	N/A
1/Y	N/A	N/A	N/A	0.31	N/A	N/A	N/A	N/A	200	✓	0.40	N/A	N/A
1/B	N/A	N/A	N/A	0.31	N/A	N/A	N/A	N/A	200	✓	0.40	N/A	N/A
2/R	N/A	N/A	N/A	0.33	N/A	N/A	N/A	N/A	200	✓	0.42	N/A	N/A
2/Y	N/A	N/A	N/A	0.33	N/A	N/A	N/A	N/A	200	✓	0.42	N/A	N/A
2/B	N/A	N/A	N/A	0.33	N/A	N/A	N/A	N/A	200	✓	0.42	N/A	N/A
3/R	N/A	N/A	N/A	0.35	N/A	N/A	N/A	N/A	200	✓	0.44	N/A	N/A
3/Y	N/A	N/A	N/A	0.35	N/A	N/A	N/A	N/A	200	✓	0.44	N/A	N/A
3/B	N/A	N/A	N/A	0.35	N/A	N/A	N/A	N/A	200	✓	0.44	N/A	N/A
4/R	N/A	N/A	N/A	0.20	N/A	N/A	N/A	N/A	200	✓	0.29	N/A	N/A
4/Y	N/A	N/A	N/A	0.20	N/A	N/A	N/A	N/A	200	✓	0.29	N/A	N/A
4/B	N/A	N/A	N/A	0.20	N/A	N/A	N/A	N/A	200	✓	0.29	N/A	N/A
5/R	N/A	N/A	N/A	0.32	N/A	N/A	N/A	N/A	200	✓	0.41	N/A	N/A
5/Y	N/A	N/A	N/A	0.32	N/A	N/A	N/A	N/A	200	✓	0.41	N/A	N/A
5/B	N/A	N/A	N/A	0.32	N/A	N/A	N/A	N/A	200	✓	0.41	N/A	N/A
6/R	N/A	N/A	N/A	0.31	N/A	N/A	N/A	N/A	200	✓	0.40	N/A	N/A
6/Y	N/A	N/A	N/A	0.31	N/A	N/A	N/A	N/A	200	✓	0.40	N/A	N/A
6/B	N/A	N/A	N/A	0.31	N/A	N/A	N/A	N/A	200	✓	0.40	N/A	N/A
7/R	N/A	N/A	N/A	0.19	N/A	N/A	N/A	N/A	200	✓	0.28	N/A	N/A
7/Y	N/A	N/A	N/A	0.19	N/A	N/A	N/A	N/A	200	✓	0.28	N/A	N/A
7/B	N/A	N/A	N/A	0.19	N/A	N/A	N/A	N/A	200	✓	0.28	N/A	N/A
8/R	N/A	N/A	N/A	0.01	N/A	N/A	N/A	N/A	200	✓	0.10	N/A	N/A
8/Y	N/A	N/A	N/A	0.18	N/A	N/A	N/A	N/A	200	✓	0.27	N/A	N/A
8/B	N/A	N/A	N/A	0.20	N/A	N/A	N/A	N/A	200	✓	0.29	N/A	N/A

TESTED BY

Signature		Position	Qualified Manager
Name	D. Dowsett	Date of testing	

BOARD DETAILS

TO BE COMPLETED IN EVERY CASE		ONLY TO BE COMPLETED IF THE DISTRIBUTION BOARD IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION		
Location of distribution board	5th Floor South Riser Cupboard	Supply to distribution board is from	Sub Mains(LV Switch Panel 2, 3/TP)	
Distribution board designation	5S	No of phases	3	Nominal Voltage 415 V
		Overcurrent protective device for the distribution circuit		
		Type BS(EN)	88 Fuse HRC gG	Rating N/A A
		Associated RCD (if any)	BS(EN) N/A	
		RCD No of poles	N/A	
		RCD rating, $I_{\Delta n}$	N/A mA	

CIRCUIT DETAILS

Circuit number and phase	Circuit designation	Type of wiring	Reference method	No of points served	Circuit conductors csa		Max permitted disconnection time s	Overcurrent protective device				RCD Op. current $I_{\Delta n}$	Max permitted Zs Ω
					Live mm ²	cpc mm ²		BS(EN)	Type No	Rating A	Short circuit capacity kA		
9/R	Water heater in toilet	G	1	N/A	2.5	2.5	5	60898 MCB	C	20	10	N/A	1.20
9/Y	Water heater in toilet	G	1	N/A	2.5	2.5	5	60898 MCB	C	20	10	N/A	1.20
9/B	Water heater in toilet	G	1	N/A	2.5	2.5	5	60898 MCB	C	20	10	N/A	1.20
10/R	Hnd dryer and S/O	G	1	N/A	2.5	2.5	0.4	60898 MCB	C	32	10	N/A	0.75
10/Y	SPARE	-	-	-	-	-	-	-	-	-	-	-	-
10/B	Hnd dryer and S/O	G	1	N/A	2.5	2.5	0.4	60898 MCB	C	20	10	N/A	1.20
11/R	Floor track No10	G	1	N/A	10	10	0.4	60898 MCB	C	63	10	N/A	0.38
11/Y	Floor track No1	G	1	N/A	10	10	0.4	60898 MCB	C	32	10	N/A	0.75
11/B	Floor track No2	G	1	N/A	6.0	6.0	0.4	60898 MCB	C	32	10	N/A	0.75
12/R	Floor track No11	G	1	N/A	6.0	6.0	0.4	60898 MCB	C	32	10	N/A	0.75
12/Y	Floor track No3	G	1	N/A	10.0	10.0	0.4	60898 MCB	C	63	10	N/A	0.38
12/B	Floor track No7	G	1	N/A	10.0	10.0	0.4	60898 MCB	C	63	10	N/A	0.38
13/R	Floor track No12	G	1	N/A	6.0	6.0	0.4	60898 MCB	C	32	10	N/A	0.75
13/Y	Floor track No4	G	1	N/A	10.0	10.0	0.4	60898 MCB	C	63	10	N/A	0.38
13/B	Floor track No8	G	1	N/A	10.0	10.0	0.4	60898 MCB	C	32	10	N/A	0.75
14/R	Kitchen ring	G	1	N/A	2.5	2.5	0.4	60898 MCB	C	32	10	N/A	0.75
14/Y	Floor track No5	G	1	N/A	10	10	0.4	60898 MCB	C	63	10	N/A	0.38
14/B	Floor track No9	G	1	N/A	10	10	0.4	60898 MCB	C	63	10	N/A	0.38
15/R	Dado CCT cop rm	G	1	N/A	2.5	2.5	0.4	60898 MCB	C	32	10	N/A	0.75
15/Y	Floor track No6	G	1	N/A	10	10	0.4	60898 MCB	C	63	10	N/A	0.38
15/B	Cleaners ring	G	1	N/A	2.5	2.5	0.4	60898 MCB	C	32	10	N/A	0.75
16/R	Dado trnkg file serv rm	G	1	N/A	6	6	0.4	60898 MCB	C	32	10	N/A	0.75
16/Y	SPARE	-	-	-	-	-	-	-	-	-	-	-	-
16/B	Security spurs in riser	B/D	3	N/A	2.5	2.5	0.4	60898 MCB	C	20	10	N/A	1.20

WIRING CODES

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

BOARD TESTS

ONLY TO BE COMPLETED IF THE DISTRIBUTION BOARD IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION				TEST INSTRUMENTS (SERIAL NUMBERS) USED			
				Earth fault loop impedance	N/A	RCD	N/A
Zs	0.09 Ω	Operating times of associated RCD (if any)	All Δn	N/A	ms	Insulation resistance	N/A
Ipf	2.35 kA		At 51 Δn (if applicable)	N/A	ms	Other	N/A
				Continuity	N/A	Other	N/A

CIRCUIT TESTS

Circuit number and phase	Circuit impedances Ω					Insulation resistance				Polarity	Maximum measured earth fault loop impedance Ω	RCD operating times	
	Ring final circuits only (measured end to end)			All circuits (At least one column to be completed)		Phase/Phase	Phase/Neutral	Phase/Earth	Earth/Neutral			At Δn	At 51 Δn (if applicable)
	r_1 (phases)	r_n (Neutral)	r_2 (opc)	$R_1 + R_2$	R_2	M Ω	M Ω	M Ω	M Ω			ms	ms
9/R	UTT	UTT	UTT	UTT	UTT	N/A	UTT	UTT	UTT		UTT	N/A	N/A
9/Y	UTT	UTT	UTT	UTT	UTT	N/A	UTT	UTT	UTT		UTT	N/A	N/A
9/B	UTT	UTT	UTT	UTT	UTT	N/A	UTT	UTT	UTT		UTT	N/A	N/A
10/R	N/A	N/A	N/A	0.17	N/A	N/A	N/A	N/A	200		0.26	N/A	N/A
10/Y	-	-	-	-	-	-	-	-	-		-	-	-
10/B	N/A	N/A	N/A	0.12	N/A	N/A	N/A	N/A	200		0.21	N/A	N/A
11/R	N/A	N/A	N/A	0.13	N/A	N/A	N/A	N/A	200		0.22	N/A	N/A
11/Y	N/A	N/A	N/A	0.13	N/A	N/A	N/A	N/A	200		0.22	N/A	N/A
11/B	N/A	N/A	N/A	0.13	N/A	N/A	N/A	N/A	200		0.21	N/A	N/A
12/R	N/A	N/A	N/A	0.06	N/A	N/A	N/A	N/A	200		0.15	N/A	N/A
12/Y	N/A	N/A	N/A	0.11	N/A	N/A	N/A	N/A	200		0.20	N/A	N/A
12/B	N/A	N/A	N/A	0.12	N/A	N/A	N/A	N/A	200		0.21	N/A	N/A
13/R	N/A	N/A	N/A	0.15	N/A	N/A	N/A	N/A	200		0.24	N/A	N/A
13/Y	N/A	N/A	N/A	0.14	N/A	N/A	N/A	N/A	200		0.23	N/A	N/A
13/B	N/A	N/A	N/A	0.13	N/A	N/A	N/A	N/A	200		0.22	N/A	N/A
14/R	0.56	0.56	0.56	0.26	N/A	N/A	N/A	N/A	200		0.37	N/A	N/A
14/Y			N/A	0.15	N/A	N/A	N/A	N/A	200		0.24	N/A	N/A
14/B	N/A	N/A	N/A	0.13	N/A	N/A	N/A	N/A	200		0.22	N/A	N/A
15/R	0.54	0.54	0.54	0.23	N/A	N/A	N/A	N/A	200		0.32	N/A	N/A
15/Y	N/A	N/A	N/A	0.10	N/A	N/A	N/A	N/A	200		0.19	N/A	N/A
15/B	1.44	1.44	1.44	0.13	N/A	N/A	N/A	N/A	200		0.22	N/A	N/A
16/R	N/A	N/A	N/A	0.28	N/A	N/A	N/A	N/A	200		0.37	N/A	N/A
16/Y	-	-	-	-	-	-	-	-	-		-	-	-
16/B	N/A	N/A	N/A	0.01	N/A	N/A	N/A	N/A	200		0.10	N/A	N/A

TESTED BY

Signature		Position	Qualified Manager
Name	D. Dowsett	Date of testing	

BOARD DETAILS

TO BE COMPLETED IN EVERY CASE		ONLY TO BE COMPLETED IF THE DISTRIBUTION BOARD IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION			
Location of distribution board	5th Floor North cupboard	Supply to distribution board is from	Sub Mains(LV Switch Panel 2, 4/TP)		Associated RCD (if any)
Distribution board designation	5N	No of phases	3	Nominal Voltage	415 V
		Overcurrent protective device for the distribution circuit			
		Type BS(EN)	88 Fuse HRC gG	Rating	N/A A
					RCD No of poles
					N/A
					RCD rating, $I_{\Delta n}$
					N/A mA

CIRCUIT DETAILS

Circuit number and phase	Circuit designation	Type of wiring	Reference method	No of points served	Circuit conductors csa		Max permitted disconnection time s	Overcurrent protective device				RCD Op. current $I_{\Delta n}$	Max permitted Zs Ω
					Live mm ²	cpc mm ²		BS(EN)	Type No	Rating A	Short circuit capacity kA		
1/R	Floor track No2	G	1	N/A	6	6	0.4	60898 MCB	C	32	10	N/A	0.75
1/Y	Floor track No2	G	1	N/A	6	6	0.4	60898 MCB	C	32	10	N/A	0.75
1/B	Floor track No2	G	1	N/A	10	10	0.4	60898 MCB	C	63	10	N/A	0.38
2/R	Floor track No2	G	1	N/A	10	10	0.4	60898 MCB	C	63	10	N/A	0.38
2/Y	Floor track No2	G	1	N/A	10	10	0.4	60898 MCB	C	63	10	N/A	0.38
2/B	Floor track No2	G	1	N/A	6	6	0.4	60898 MCB	C	32	10	N/A	0.75
3/R	Floor track No2	G	1	N/A	6	6	0.4	60898 MCB	C	32	10	N/A	0.75
3/Y	Floor track No2	G	1	N/A	10	10	0.4	60898 MCB	C	63	10	N/A	0.38
3/B	Floor track No2	G	1	N/A	10	10	0.4	60898 MCB	C	63	10	N/A	0.38
4/R	Ltg/pwr bsdt st hel pl nw	G	1	N/A	6	6	5	60898 MCB	C	25	10	N/A	0.96
4/Y	Ltg/pwr bsdt st hel pl nw	G	1	N/A	6	6	5	60898 MCB	C	25	10	N/A	0.96
4/B	Ltg/pwr bsdt st hel pl nw	G	1	N/A	6	6	5	60898 MCB	C	25	10	N/A	0.96
5/R	Ltg/pwr bsdt st hel pl nw	G	1	N/A	6	6	5	60898 MCB	C	25	10	N/A	0.96
5/Y	Ltg/pwr bsdt st hel pl nw	G	1	N/A	6	6	5	60898 MCB	C	25	10	N/A	0.96
5/B	Ltg/pwr bsdt st hel pl nw	G	1	N/A	6	6	5	60898 MCB	C	25	10	N/A	0.96
6/R	Ltg/pwr bsdt st mry ax ne	G	1	N/A	6	6	5	60898 MCB	C	25	10	N/A	0.96
6/Y	Ltg/pwr bsdt st mry ax ne	G	1	N/A	6	6	5	60898 MCB	C	25	10	N/A	0.96
6/B	Ltg/pwr bsdt st mry ax ne	G	1	N/A	6	6	5	60898 MCB	C	25	10	N/A	0.96
7/R	Ltg/pwr bsdt st mry ax ne	G	1	N/A	6	6	5	60898 MCB	C	25	10	N/A	0.96
7/Y	Ltg/pwr bsdt st mry ax ne	G	1	N/A	6	6	5	60898 MCB	C	25	10	N/A	0.96
7/B	Ltg/pwr bsdt st mry ax ne	G	1	N/A	6	6	5	60898 MCB	C	25	10	N/A	0.96
8/R	Ltng control box in riser	B/D	3	N/A	2.5	2.5	5	60898 MCB	C	10	10	N/A	2.40
8/Y	Lighting/shaver in toilet	G	3	N/A	2.5	2.5	5	60898 MCB	C	10	10	N/A	2.40
8/B	Dado ring serv centre	G	1	N/A	2.5	2.5	0.4	60898 MCB	C	32	10	N/A	0.75

WIRING CODES

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

BOARD TESTS

ONLY TO BE COMPLETED IF THE DISTRIBUTION BOARD IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION				TEST INSTRUMENTS (SERIAL NUMBERS) USED			
				Earth fault loop impedance	N/A	RCD	N/A
Zs	0.05 Ω	Operating times of associated RCD (if any)	At I Δn	N/A	ms	Insulation resistance	N/A
pf	3.0 kA		At 5I Δn (if applicable)	N/A	ms	Other	N/A
				Continuity	N/A	Other	N/A

CIRCUIT TESTS

Circuit number and phase	Circuit impedances Ω					Insulation resistance				Polarity	Maximum measured earth fault loop impedance Ω	RCD operating times	
	Ring final circuits only (measured end to end)			All circuits (At least one column to be completed)		Phase/Phase	Phase/Neutral	Phase/Earth	Earth/Neutral			At I Δn	At 5I Δn (if applicable)
	r_1 (phases)	r_n (Neutral)	r_2 (cpc)	$R_1 + R_2$	R_2	M Ω	M Ω	M Ω	M Ω			ms	ms
1/R	N/A	N/A	N/A	0.18	N/A	N/A	N/A	N/A	200	✓	0.23	N/A	N/A
1/Y	N/A	N/A	N/A	0.15	N/A	N/A	N/A	N/A	200	✓	0.20	N/A	N/A
1/B	N/A	N/A	N/A	0.14	N/A	N/A	N/A	N/A	200	✓	0.19	N/A	N/A
2/R	N/A	N/A	N/A	0.12	N/A	N/A	N/A	N/A	200	✓	0.17	N/A	N/A
2/Y	N/A	N/A	N/A	0.16	N/A	N/A	N/A	N/A	200	✓	0.21	N/A	N/A
2/B	N/A	N/A	N/A	0.19	N/A	N/A	N/A	N/A	200	✓	0.24	N/A	N/A
3/R	N/A	N/A	N/A	0.21	N/A	N/A	N/A	N/A	200	✓	0.26	N/A	N/A
3/Y	N/A	N/A	N/A	0.12	N/A	N/A	N/A	N/A	200	✓	0.17	N/A	N/A
3/B	N/A	N/A	N/A	0.15	N/A	N/A	N/A	N/A	200	✓	0.20	N/A	N/A
4/R	N/A	N/A	N/A	0.35	N/A	N/A	N/A	N/A	200	✓	0.40	N/A	N/A
4/Y	N/A	N/A	N/A	0.35	N/A	N/A	N/A	N/A	200	✓	0.40	N/A	N/A
4/B	N/A	N/A	N/A	0.35	N/A	N/A	N/A	N/A	200	✓	0.40	N/A	N/A
5/R	N/A	N/A	N/A	0.23	N/A	N/A	N/A	N/A	200	✓	0.28	N/A	N/A
5/Y	N/A	N/A	N/A	0.23	N/A	N/A	N/A	N/A	200	✓	0.28	N/A	N/A
5/B	N/A	N/A	N/A	0.23	N/A	N/A	N/A	N/A	200	✓	0.28	N/A	N/A
6/R	N/A	N/A	N/A	0.36	N/A	N/A	N/A	N/A	200	✓	0.41	N/A	N/A
6/Y	N/A	N/A	N/A	0.36	N/A	N/A	N/A	N/A	200	✓	0.41	N/A	N/A
6/B	N/A	N/A	N/A	0.36	N/A	N/A	N/A	N/A	200	✓	0.41	N/A	N/A
7/R	N/A	N/A	N/A	0.42	N/A	N/A	N/A	N/A	200	✓	0.47	N/A	N/A
7/Y	N/A	N/A	N/A	0.42	N/A	N/A	N/A	N/A	200	✓	0.47	N/A	N/A
7/B	N/A	N/A	N/A	0.42	N/A	N/A	N/A	N/A	200	✓	0.47	N/A	N/A
8/R	N/A	N/A	N/A	0.01	N/A	N/A	N/A	N/A	200	✓	0.05	N/A	N/A
8/Y	N/A	N/A	N/A	0.10	N/A	N/A	N/A	N/A	200	✓	0.15	N/A	N/A
8/B	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A			N/A	N/A	N/A

TESTED BY

Signature		Position	Qualified Manager
Name	D. Dowsett	Date of testing	

BOARD DETAILS

TO BE COMPLETED IN EVERY CASE		ONLY TO BE COMPLETED IF THE DISTRIBUTION BOARD IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION	
Location of distribution board	5th Floor North cupboard	Supply to distribution board is from	Sub Mains(LV Switch Panel 2, 4/TP)
Distribution board designation	5N	No of phases	3
		Nominal Voltage	415 V
		Overcurrent protective device for the distribution circuit	
		Type BS(EN)	88 Fuse HRC gG
		Rating	N/A A
		Associated RCD (if any)	
		BS(EN)	N/A
		RCD No of poles	N/A
		RCD rating, $I_{\Delta n}$	N/A mA

CIRCUIT DETAILS

Circuit number and phase	Circuit designation	Type of wiring	Reference method	No of points served	Circuit conductors csa		Max permitted disconnection time s	Overcurrent protective device				RCD Op. current $I_{\Delta n}$	Max permitted Zs Ω
					Live mm ²	cpc mm ²		BS(EN)	Type No	Rating A	Short circuit capacity kA		
9/R	Floor track No7	G	3	N/A	10	10	0.4	60898 MCB	C	63	10	N/A	0.38
9/Y	Floor track No5	G	1	N/A	10	10	0.4	60898 MCB	C	63	10	N/A	0.38
9/B	Floor track No9	G	1	N/A	2.5	2.5	5	60898 MCB	C	20	10	N/A	1.20
10/R	Comms rm extrac fn on roo	G	1	N/A	2.5	2.5	0.4	60898 MCB	C	32	10	N/A	0.75
10/Y	Kitchen tea point ring	G	1	N/A	2.5	2.5	0.4	60898 MCB	C	32	10	N/A	0.75
10/B	Cleaners ring	B/D	1	N/A	2.5	2.5	5	60898 MCB	C	10	10	N/A	2.40
11/R	Inergen panel	G	1	N/A	10	10	0.4	60898 MCB	C	40	10	N/A	0.60
11/Y	Shower	G	1	N/A	2.5	2.5	5	60898 MCB	D	20	10	N/A	0.60
11/B	Sec system spur in riser	G	1	N/A	2.5	2.5	0.4	60898 MCB	C	32	10	N/A	0.75
12/R	Dado rail s/o in test rm	G	1	N/A	6.0	6.0	5	60898 MCB	B	20	10	N/A	2.40
12/Y	Water heaters cleaners	G	1	N/A	2.5	2.5	N/A	60898 MCB	C	20	10	N/A	N/A
12/B	Unknown	G	1	N/A	2.5	2.5	5	60898 MCB	C	32	10	N/A	0.75
13/R	A/C spt unt tst rm opr sw	G	1	N/A	2.5	2.5	5	60898 MCB	B	20	10	N/A	2.40
13/Y	Water heater kitchen	G	1	N/A	2.5	2.5	0.4	60898 MCB	C	32	10	N/A	0.75
13/B	Dado rail tst rm opp shr	G	1	N/A	2.5	2.5	5	60898 MCB	C	20	10	N/A	1.20
14/R	Water heater in toilet	G	1	N/A	4.0	4.0	5	60898 MCB	C	20	10	N/A	1.20
14/Y	Water heater in toilet	G	1	N/A	4.0	4.0	5	60898 MCB	C	20	10	N/A	1.20
14/B	Water heater in toilet	G	1	N/A	4.0	4.0	5	60898 MCB	C	32	10	N/A	0.75
15/R	Hand dryer and socket	G	1	N/A	2.5	2.5	0.4	60898 MCB	C	32	10	N/A	0.75
15/Y	SPARE	-	-	-	-	-	-	-	-	-	-	-	-
15/B	Hand dryer and socket	G	1	N/A	2.5	2.5	0.4	60898 MCB	C	32	10	N/A	0.75
16/R	SPARE	-	-	-	-	-	-	-	-	-	-	-	-
16/Y	SPARE	-	-	-	-	-	-	-	-	-	-	-	-
16/B	Floor track	G	1	N/A	10	10	5	60898 MCB	C	63	10	N/A	0.38

WIRING CODES

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

BOARD TESTS

ONLY TO BE COMPLETED IF THE DISTRIBUTION BOARD IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION				TEST INSTRUMENTS (SERIAL NUMBERS) USED			
Zs	0.05 Ω	Operating times of associated RCD (if any)	At I Δn	N/A ms	Earth fault loop impedance	N/A	RCD
lpf	3.0 kA		At 5I Δn (if applicable)	N/A ms	Insulation resistance	N/A	Other
					Continuity	N/A	Other

CIRCUIT TESTS

Circuit number and phase	Circuit impedances Ω					Insulation resistance				Polarity	Maximum measured earth fault loop impedance Ω	RCD operating times	
	Ring final circuits only (measured end to end)			All circuits (At least one column to be completed)		Phase/Phase	Phase/Neutral	Phase/Earth	Earth/Neutral			At I Δn	At 5I Δn (if applicable)
	r_1 (phases)	r_n (Neutral)	r_2 (opc)	$R_1 + R_2$	R_2	M Ω	M Ω	M Ω	M Ω			ms	ms
9/R	0.40	0.40	0.40	0.19	N/A	N/A	N/A	N/A	200	✓	0.24	N/A	N/A
9/Y	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	200	✓	0.21	N/A	N/A
9/B	N/A	N/A	N/A	0.19	N/A	N/A	N/A	N/A	200	✓	0.24	N/A	N/A
10/R	UTT	UTT	UTT	UTT	UTT	N/A	UTT	UTT	UTT		UTT	N/A	N/A
10/Y	0.45	0.45	0.45	0.25	N/A	N/A	N/A	N/A	200	✓	0.30	N/A	N/A
10/B	1.43	1.43	1.43	0.12	N/A	N/A	N/A	N/A	200	✓	0.17	N/A	N/A
11/R	N/A	N/A	N/A	0.17	N/A	N/A	N/A	N/A	200	✓	0.22	N/A	N/A
11/Y	N/A	N/A	N/A	0.15	N/A	N/A	N/A	N/A	200	✓	0.20	N/A	N/A
11/B	N/A	N/A	N/A	0.01	N/A	N/A	N/A	N/A	200	✓	0.06	N/A	N/A
12/R	N/A	N/A	N/A	0.24	N/A	N/A	N/A	N/A	200	✓	0.29	N/A	N/A
12/Y	UTT	UTT	UTT	UTT	UTT	N/A	UTT	UTT	UTT		UTT	N/A	N/A
12/B	UTT	UTT	UTT	UTT	UTT	N/A	UTT	UTT	UTT		UTT	N/A	N/A
13/R	N/A	N/A	N/A	0.19	N/A	N/A	N/A	N/A	200	✓	0.24	N/A	N/A
13/Y	N/A	N/A	N/A	0.25	N/A	N/A	N/A	N/A	200	✓	0.30	N/A	N/A
13/B	0.13	0.13	0.13	0.19	N/A	N/A	N/A	N/A	200	✓	0.24	N/A	N/A
14/R	UTT	UTT	UTT	UTT	UTT	N/A	UTT	UTT	UTT		UTT	N/A	N/A
14/Y	UTT	UTT	UTT	UTT	UTT	N/A	UTT	UTT	UTT		UTT	N/A	N/A
14/B	UTT	UTT	UTT	UTT	UTT	N/A	UTT	UTT	UTT		UTT	N/A	N/A
15/R	N/A	N/A	N/A	0.10	N/A	N/A	N/A	N/A	200	✓	0.15	N/A	N/A
15/Y	-	-	-	-	-	-	-	-	-	-	-	-	-
15/B	N/A	N/A	N/A	0.10	N/A	N/A	N/A	N/A	200	✓	0.15	N/A	N/A
16/R	-	-	-	-	-	-	-	-	-	-	-	-	-
16/Y	-	-	-	-	-	-	-	-	-	-	-	-	-
16/B	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	200	✓	0.26	N/A	N/A

TESTED BY

Signature		Position	Qualified Manager
Name	D. Dowsett	Date of testing	

BOARD DETAILS			
TO BE COMPLETED IN EVERY CASE		ONLY TO BE COMPLETED IF THE DISTRIBUTION BOARD IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION	
Location of distribution board	1st Floor UPS South Riser	Supply to distribution board is from	Sub Mains(LV Switch Panel 2, 5/TP)
Distribution board designation	UPS 15	No of phases	3
		Nominal Voltage	415 V
		Overcurrent protective device for the distribution circuit	
		Type BS(EN)	88 Fuse HRC gG
		Rating	125 A
		Associated RCD (if any)	
		BS(EN)	N/A
		RCD No of poles	N/A
		RCD rating, $I_{\Delta n}$	N/A mA

[illegible]

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

ONLY TO BE COMPLETED IF THE DISTRIBUTION BOARD
IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Earth fault
loop
impedance

RCD

N/A

Operating
times of
associated
RCD (if any)

N/A	ms
-----	----

At 51
 Δn
(if applicable)

N/A ms

Insulation resistance

N/A

Other

N/A

Continuity

N/A

Other

N/A

[illegible]

Signature

Name

D. Dowsett

Position

Qualified Manager

Date of testing

TO BE COMPLETED IN EVERY CASE		ONLY TO BE COMPLETED IF THE DISTRIBUTION BOARD IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION	
Location of distribution board	1st Floor UPS North Riser	Supply to distribution board is from	Sub Mains(LV Switch Panel 2, 6/TP)
Distribution board designation	UPS IN	No of phases	3
		Nominal Voltage	415 V
		Overcurrent protective device for the distribution circuit	
		Type BS(EN)	88 Fuse HRC gG
		Rating	125 A
		Associated RCD (if any)	
		BS(EN)	N/A
		RCD No of poles	N/A
		RCD rating, $I_{\Delta n}$	N/A mA

[illegible]

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

ONLY TO BE COMPLETED IF THE DISTRIBUTION BOARD
IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

TEST INSTRUMENTS (SERIAL NUMBERS) USED

32858690

RCD

N/A

$$Z_S \boxed{0.07} \Omega$$

Operating times of associated RCD (if any)

At Δn

N/A	ms
-----	----

ms

Insulation resistance

N/A

Other

N/A

Ip_f 3.4 KA

At 51
Δn
(if applicable)

N/A MS

100

Continuity

[illegible]

On

110

[illegible]

Signature

Name _____

D. Dowsett

Position

Qualified Manager

Date of testing

TO BE COMPLETED IN EVERY CASE		ONLY TO BE COMPLETED IF THE DISTRIBUTION BOARD IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION	
Location of distribution board	Ground Floor UPS Riser North Riser	Supply to distribution board is from	Sub Mains(LV Switch Panel 2, 7/TP)
Distribution board designation	Ground UPSNG	No of phases	3
		Nominal Voltage	415 V
		Overcurrent protective device for the distribution circuit	
		Type BS(EN)	88 Fuse HRC gG
		Rating	125 A
		Associated RCD (if any)	
		BS(EN)	N/A
		RCD No of poles	N/A
		RCD rating, $I_{\Delta n}$	N/A mA

[illegible]

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

TEST INSTRUMENTS (SERIAL NUMBERS) USED

N/A

Date of testing

TO BE COMPLETED IN EVERY CASE		ONLY TO BE COMPLETED IF THE DISTRIBUTION BOARD IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION	
Location of distribution board	3rd Floor North Riser Cupboard	Supply to distribution board is from	Sub Mains(LV Switch Panel 2, 8/TP)
Distribution board designation	3N UPS	No of phases	3
		Nominal Voltage	415 V
		Overcurrent protective device for the distribution circuit	
		Type BS(EN)	88 Fuse HRC gG
		Rating	100 A
		Associated RCD (if any)	
		BS(EN)	N/A
		RCD No of poles	N/A
		RCD rating, $I_{\Delta n}$	N/A mA

[illegible]

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

N/A

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TO BE COMPLETED IN EVERY CASE		ONLY TO BE COMPLETED IF THE DISTRIBUTION BOARD IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION	
Location of distribution board	4th Floor South Riser Cupboard	Supply to distribution board is from	Sub Mains(LV Switch Panel 2, 9/TP)
Distribution board designation	4S UPS	No of phases	3
		Nominal Voltage	415 V
		Overcurrent protective device for the distribution circuit	
		Type BS(EN)	88 Fuse HRC gG
		Rating	100 A
		Associated RCD (if any)	
		BS(EN)	N/A
		RCD No of poles	N/A
		RCD rating, $I_{\Delta n}$	N/A mA

[illegible]

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

<p>ONLY TO BE COMPLETED IF THE DISTRIBUTION BOARD IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION</p>				<p>TEST INSTRUMENTS (SERIAL NUMBERS) USED</p>						
Zs	0.13	Ω	Operating times of associated RCD (if any)	At I Δn	N/A	ms	Earth fault loop impedance	N/A	RCD	N/A
Ipf	1.72	kA		At 5I Δn (if applicable)	N/A	ms	Insulation resistance	N/A	Other	N/A
							Continuity	N/A	Other	N/A

[illegible]

Signature		Position	
Name		Date of testing	

TO BE COMPLETED IN EVERY CASE		ONLY TO BE COMPLETED IF THE DISTRIBUTION BOARD IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION	
Location of distribution board		Supply to distribution board is from	Sub Mains(LV Switch Panel 2, 10/TP)
Distribution board designation	DB 10	No of phases	3
		Nominal Voltage	415 V
		Overcurrent protective device for the distribution circuit	
		Type	88 Fuse HRC gG
		Rating	100 A
		Associated RCD (if any)	BS(EN) N/A
		RCD No of poles	N/A
		RCD rating, $I_{\Delta n}$	N/A mA

[illegible]

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

ONLY TO BE COMPLETED IF THE DISTRIBUTION BOARD
IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

TEST INSTRUMENTS (SERIAL NUMBERS) USED

Operating
times of
associated
RCD (if any)

N/A	ms
-----	----

(if applicable)

N/A	ms
-----	----

N/A

RCD

N/A

N/A

Other

N/A

N/A

Other

N/A

[illegible]

Signature

Name

D. Dowsett

Position

Qualified Manager

Date of testing

TO BE COMPLETED IN EVERY CASE		ONLY TO BE COMPLETED IF THE DISTRIBUTION BOARD IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION	
Location of distribution board	3rd Floor South Riser Cupboard	Supply to distribution board is from	Sub Mains(LV Switch Panel 2, 11/TP)
Distribution board designation	DB 11	No of phases	3
		Nominal Voltage	415 V
		Overcurrent protective device for the distribution circuit	
		Type BS(EN)	88 Fuse HRC gG
		Rating	100 A
		Associated RCD (if any)	
		BS(EN)	N/A
		RCD No of poles	N/A
		RCD rating, $I_{\Delta n}$	N/A mA

[illegible]

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

TO BE COMPLETED IN EVERY CASE

ONLY TO BE COMPLETED IF THE DISTRIBUTION BOARD IS NOT CONNECTED DIRECTLY
TO THE ORIGIN OF THE INSTALLATION

TEST INSTRUMENTS (SERIAL NUMBERS) USED

N/A

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TO BE COMPLETED IN EVERY CASE		ONLY TO BE COMPLETED IF THE DISTRIBUTION BOARD IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION	
Location of distribution board	2nd Floor North Riser Cupboard	Supply to distribution board is from	Sub Mains(LV Switch Panel 2, 13/TP)
Distribution board designation	UPS 2N	No of phases	3
		Nominal Voltage	415 V
		Overcurrent protective device for the distribution circuit	
		Type BS(EN)	88 Fuse HRC gG
		Rating	100 A
		Associated RCD (if any)	
		BS(EN)	N/A
		RCD No of poles	N/A
		RCD rating, I _{Δn}	N/A mA

[illegible]

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

N/A

Date of testing

TO BE COMPLETED IN EVERY CASE		ONLY TO BE COMPLETED IF THE DISTRIBUTION BOARD IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION	
Location of distribution board	-1 Level North Riser Cupboard	Supply to distribution board is from	Sub Mains(LV Switch Panel 2, 14/TP)
Distribution board designation	UPS Minus IN	No of phases	3
		Nominal Voltage	415 V
		Overcurrent protective device for the distribution circuit	
		Type BS(EN)	88 Fuse HRC gG
		Rating	100 A
		Associated RCD (if any)	
		BS(EN)	N/A
		RCD No of poles	N/A
		RCD rating, I _{Δn}	N/A mA

[illegible]

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

ONLY TO BE COMPLETED IF THE DISTRIBUTION BOARD
IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

TEST INSTRUMENTS (SERIAL NUMBERS) USED

N/A

RCD

N/A

$$Z_s \quad \boxed{0.10} \quad \Omega$$

Operating
times of
associated
RCD (if any)

$$At I \Delta n$$

N/A

MS

lpf 1.95 kA

At 51
 Δ_n
(if applicable)



25

Insulation resistance

N/A

Other

N/A

Continuity

N/A

Other

N/A

[illegible]

Signature

Name

D. Dowsett

Position

Qualified Manager

Date of testing