Reference Number: EICRCOUNTYBRIDGE001

ORIGINAL

ELECTRICAL INSTALLATION CONDITION REPORT

(REQUIREMENTS FOR ELECTRICAL INSTALLATIONS - BS7671 (IET WIRING REGULATIONS))

1 Details of the Client

Details of the Client:

COUNTY BRIDGE CLUB
ST OSWALD RD
LEICESER
LE3 6RJ

Reason for producing the report:

Conformation of compliance with BS7671

2 Details of the Installation

Occupier and Address:

COUNTY BRIDGE CLUB
ST OSWALD RD
LEICESER
LE3 6RJ

Description of premises: Commercial

Estimated age of wiring system(years): 12

Evidence of additions / alterations: No

If yes, estimate age: (years)

Installation records available: No

Date of last inspection: NA

3 Extent and Limitations of Inspection and Testing

Extent of installation covered by this report:

ALL FIXED WIRING AND BONDING

Agreed and operational limitations on inspection and testing (include reasons and person agreed with):

NONE

The inspection and testing detailed in this report and accompanying schedules has been carried out in accordance with BS7671:2008 (IET Wiring Regulations) as amended to No.3 - January 2015 . Cables concealed within trunking and conduits, under floors, in roof spaces, and generally within the fabric of the building or underground, have not been inspected unless specifically agreed between the client and inspector prior to the inspection. An inspection should be made within an accessible roof space housing other electrical equipment.

4 Summary of the Condition of the Installation

See page 2 for a summary of the general condition of the installation in terms of electrical safety.

Overall assessment of the installation in terms of it's suitability for continued use*: satisfactory

*An unsatisfactory assessment indicates that dangerous (Code C1) and/or potentially dangerous (Code C2) conditions have been identified.

5 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 the observations and attached schedules, provides an accurate assessment of the condition of the electrical installation taking into account the stated extent and limitations listed above.

Inspected and Tested by:

Name: A SOUTH

Position: ENGINEER

Date: 24/06/2019

Signature: .....

Report reviewed and authorised for Issue by:

Name: A SOUTH

Position: ENGINEER

Date: 24/06/2019

Signature: .....

ORIGINAL

Reference Number: EICRCOUNTYBRIDGE001

Details of the Contractor Responsible for the Inspection and Testing 6

Company and Address including postcode:

COMPASS ELECTRICS
THE HOLLIES
8 MAIN ST
KIRBY MUXLOE
LE92AL

Telephone Number: 01162 393331
CPS Provider: STROMA
CPS Registration No: STRI17932

Recommendations 7

Where the overall assessment of the suitability of the installation for continued use on page 1 is stated as 'UNSATISFACTORY', I/We recommend that any observations classified as 'Code 1 - Danger Present' or 'Code 2 - Potentially dangerous' are acted upon as a matter of urgency. Investigation without delay is recommended for observations identified as 'Code FI - Further Investigation Required'. Observations classified as 'Code 3 - Improvement recommended' should be given due consideration.

General condition of the installation in terms of electrical safety:

GOOD

Subject to the necessary remedial action being taken, I/we recommend that the installation is further inspected and tested after an interval not exceeding: 5 YEARS

Supply Characteristics & Earthing Arrangements 8

System Earthing Arrangement: TN-C-S
Other Sources of Supply (to be detailed on attached schedules):
Supply Polarity: ✓

Supply Protective Device

BS(EN): 88-2
Type: HRC
Rating: 160 A
Breaking capacity: 1 kA

No. & Type of Live Conductors: a.c. 3 phase - 4 wire
Nominal Voltage(1) U_0: 230 V U: V
Nominal Frequency, f(1): 50 Hz
External Loop Impedance, Z_e(2): .0.14 Ω
Prospective Fault Current, I_{pf}(2): 1.8 kA

(1) By Enquiry
(2) By Enquiry or by measurement

Particulars of the Installation 9

Maximum Demand (Load): 120 A
Fault Protection: ADS

Means of Earthing

Distributors Facility: ✓
Installation Earth Electrode:

Electrode Details (if applicable)

Type:
Location:
Resistance to Earth: Ω

Main Switch or Circuit-breaker

Location: DB1
BS(EN): 60947
Type:
Current Rating: 200 A
No. of poles: 3
Voltage Rating: 400 V
RCD Operating current: mA
RCD Rated time delay: ms
RCD Operating time at $I_{\Delta n}$: ms

Main Protective Conductors

Earthing Conductor:
Material: Copper Csa: 25 mm² Continuity & Connection: ✓

Main Protective Bonding Conductor:
Material: Copper Csa: 10 mm² Continuity & Connection: ✓

Other Bonded Services:
Water: ✓ Oil:
Gas: ✓ Steel: ✓
Other:

ORIGINAL

Reference Number:
EICRCOUNTYBRIDGE001

Observations

Referring to the attached schedules of inspection and test results, and subject to the limitations specified on page 1 of this report under 'Extent and Limitations of Inspection and Testing':

No remedial action is required: ✓ The following observations are made: *N/A*

Observation No:	Observation(s):	Classification Code:
1	*No RCD protection in place for cables buried in walls less than 50mm from surface*	*C3*

Code **C1** Indicates that danger is present. Immediate remedial action required.
Code **C2** Indicates that an item is potentially dangerous. Urgent remedial action required.
Code **C3** Indicates that improvement is recommended.
Code **FI** Indicates that further inspection is required without delay.

Reference Number:
EICRCOUNTYBRIDGE001

ORIGINAL

Inspection Schedule (1)

✓ : Acceptable condition. C1 or C2 : Unacceptable condition. C3 : Improvement recommended.
N/V : Not verified. LIM : Limitation. N/A : Not applicable. FI : Further investigation

	Comments	Outcome
1 - DISTRIBUTOR'S / SUPPLY INTAKE EQUIPMENT		
Condition of service cable		✓
Condtion of service head		✓
Distributor's earthing arrangements		✓
Meter tails - Distributor/Consumer		✓
Metering equipment		✓
Isolator		✓
2 - PRESENCE OF ADEQUATE ARRANGEMENTS FOR PARALLEL OR SWITCHED ALTERNATIVE SOURCES		
Adequate arrangements where a generating set operates as a switched alternative to the public supply		N/A
Adequate arrangements where a generating set operates in parallel with the public supply		N/A
3 - AUTOMATIC DISCONNECTION OF SUPPLY		
Main Earthing / Bonding arrangements:		
Presence of distributor's earthing arrangement or earth electrode arrangement •		✓
Adequacy of earthing conductor size •		✓
Adequacy of earthing conductor connections •		✓
Accessibility of earthing conductor connections •		✓
Adequacy of main protective bonding conductor sizes •		✓
Adequacy and location of main protective bonding conductor connections •		✓
Accessibility of all protective bonding connections •		✓
Provision of earthing / bonding labels at all appropriate locations •		✓
FELV		N/A
4 - OTHER METHODS OF PROTECTION (Where the methods listed below are employed details should be provided on separate sheets)		
Non-conducting location		N/A
Earth-free local equipotential bonding		N/A
Electrical separation		N/A
Double insulation		✓
Reinforced insulation		✓
5 - DISTRIBUTION EQUIPMENT		
Adequacy of Working space / accessibility to equipment		✓
Security of fixing		✓
Condition of insulation of live parts		✓
Adequacy / security of barriers		N/A
Condition of enclosure(s) in terms of IP rating etc		✓
Condition of enclosure(s) in terms of fire rating etc		✓

ORIGINAL

Reference Number: *EICRCOUNTYBRIDGE001*

Inspection Schedule (2)

5 - DISTRIBUTION EQUIPMENT (Continued)	Comments	Outcome
Enclosure not damaged / deteriorated so as to impair safety		✓
Presence and effectiveness of obstacles		✓
Placing out of reach		N/A
Presence of main switch(es), linked where required		✓
Operation of main switch(es) (functional check)		✓
Manual operation of circuit-breakers and RCD(s) to prove disconnection		✓
Confirmation that integral test button / switch causes RCD(s) to trip when operated (functional check)		✓
RCD(s) provided for fault protection - includes RCBOs		✓
RCD(s) provided for additional protection where required - includes RCBOs		✓
Presence of RCD quarterly test notice at or near equipment where required		✓
Presence of diagrams, charts or schedules at or near equipment where required		✓
Presence of non-standard (mixed) cable colour warning notice at or near equipment where required		✓
Presence of alternative supply warning notice at or near equipment where required		✓
Presence of next inspection recommended label		✓
Presence of other required labelling (Please specify)		✓
Examination of protective device(s) and base(s); correct type and rating (no signs of unacceptable thermal damage, arcing and overheating)		✓
Single-pole switching or protective devices in line conductors only		✓
Protection against mechanical damage where cables enter equipment		✓
Protection against electromagnetic effects where cables enter ferromagnetic enclosures		✓
6 - DISTRIBUTION CIRCUITS		
Identification of conductors		✓
Cables correctly supported throughout their run		✓
Condition of insulation of live parts		✓
Non-sheathed cables protected by enclosure in conduit, duct or trunking		✓
Suitability of containment systems for continued use (including flexible conduit)		
Cables correctly terminated in enclosures		✓
Confirmation that ALL conductor connections, including to busbars, are correctly located in terminals and are tight and secure		✓
Examination of cables for signs of unacceptable thermal and mechanical damage / deterioration		✓
Adequacy of cables for current-carrying capacity with regard for the type and nature of installation		✓
Adequacy of protective devices; type and rated current for fault protection		✓

Reference Number: *EICRCOUNTYBRIDGE001*

Inspection Schedule (3)

6 - DISTRIBUTION CIRCUITS (Continued)	Comments	Outcome
Presence and adequacy of circuit protective conductors		✓
Coordination between conductors and overload protective device		✓
Cable installation methods / practices with regard to the type and nature of installation and external influences		✓
Where exposed to direct sunlight, cable of a suitable type		✓
Cables concealed under floors, above ceilings, in walls / partitions less than 50mm from a surface, and in partitions containing metal parts:		
Cables installed in prescribed zones (see *Extent and limitations*) •		✓
Incorporating earthed armour or sheath, or run within earthed wiring system, or otherwise protected against mechanical damage by nails, screws and the like (see *Extent and limitations*) •		✓
Provision of fire barriers, sealing arrangements and protection against thermal effects		✓
Band II Cables segregated / separated from band I cables		✓
Cables segregated / separated from non-electrical services		✓
Condition of circuit accessories		✓
Suitability of circuit accessories for external influences		✓
Single-pole switching or protective devices in line conductors only		✓
Adequacy of connections, including cpcs, within accessories and to fixed and stationary equipment - identify / record numbers and locations of items inspected		✓
Presence, operation and correct location of appropriate devices for isolation and switching		✓
General condition of wiring systems		✓
Temperature rating of cable insulation		✓
7 - FINAL CIRCUITS		
Identification of conductors		✓
Cables correctly supported throughout their run		✓
Condition of insulation of live parts		✓
Non-sheathed cables protected by enclosure in conduit, ducting or trunking		✓
Suitability of containment systems for continued use (including flexible conduit)		✓
Adequacy of cables for current-carrying capacity with regard for the type and nature of installation		✓
Adequacy of protective devices; type and rated current for fault protection		✓
Presence and adequacy of circuit protective conductors		✓
Co-ordination between conductors and overload protective devices		✓
Wiring system(s) appropriate for the type and nature of the installation and external influences		✓

Reference Number: *EICRCOUNTYBRIDGE001*

Inspection Schedule (4)

7 - FINAL CIRCUITS (Continued)

	Comments	Outcome
Cables concealed under floors, above ceilings, in walls / partitions		
installed in prescribed zones (see *Extent and limitations*) •		✓
incorporating earthed armour or sheath, or run within earthed wiring system, or otherwise protected against mechanical damage from nails, screws and the like (see *Extent and limitations*) or •		✓
Provision of additional protection by 30mA RCD		
*for circuits used to supply mobile equipment not exceeding 32A rating for use outdoors •		✓
*for all socket outlets of rating 20A or less unless exempt •		N/A
*for cables concealed in walls at a depth of less that 50mm •		N/A
*for cables concealed in walls/partitions containing metal parts, regardless of depth •		✓
Provision of fire barriers, sealing arrangements and protection against thermal effects		✓
Band II cables segregated / separated from band I cables		✓
Cables segregated / separated from non-electrical services		✓
Termination of cables at enclosures - identify / record numbers and locations of items inspected		
Connections under no undue strain •		✓
No basic insulation of a conductor visible outside enclosure •		✓
Connections of live conductors adequately enclosed •		✓
Adequately connected at point of entry to enclosure (glands, bushes etc) •		✓
Condition of accessories including socket-outlets, switches and joint boxes		✓
Suitability of accessories for external influences		✓
Single pole switching or protective devices in line conductors only		✓

8 - ISOLATION AND SWITCHING

*Note: Older installations designed prior to BS7671:2008 may not have been provided with RCDs for additional protection

Isolators		
Presence and condition of appropriate devices •		✓
Acceptable location - state if local or remote from equipment in question •		✓
Capable of being secured in the OFF position •		✓
Correct operation verified •		✓
Clearly identified by position and / or durable marking •		✓
Warning label posted in situations where live parts cannot be isolated by the operation of a single device •		✓
Switching off for mechanical maintenance		
Presence and condition of appropriate devices •		✓
Acceptable location - state if local or remote from equipment in question •		✓
Capable of being secured in the OFF position •		✓
Correct operation verified •		✓
Clearly identified by position and / or durable marking •		✓

ORIGINAL

Reference Number: *EICRCOUNTYBRIDGE001*

Inspection Schedule (5)

8 - ISOLATION AND SWITCHING (Continued)

	Comments	Outcome
Emergency switching / stopping		
Presence and condition of appropriate devices •		✓
Readily accessible for operation where danger might occur •		✓
Correct operation verified •		✓
Clearly identified by position and / or durable marking •		✓
Functional Switching		
Presence and condition of appropriate devices •		✓
Correct operation verified •		✓

9 - CURRENT-USING EQUIPMENT (PERMANENTLY CONNECTED)

Condition of equipment in terms of IP rating etc		✓
Equipment does not constitute a fire hazard		✓
Enclosure not damaged / deteriorated so as to impair safety		✓
Suitability for the environment and external influences		✓
Security of fixing		✓
Cable entry holes in ceiling above luminaires, sized or sealed so as to restrict the spread of fire: List number and location of luminaires inspected (separate page)		✓
Recessed luminaires (downlighters)		
Correct type of lamps fitted •		✓
Installed to minimise build-up of heat by use of 'fire rated' fittings, insulation displacement box or similar •		✓
No signs of overheating to surrounding building fabric •		✓
No signs of overheating to conductors / terminations •		✓

10 - LOCATION(S) CONTAINING A BATH OR SHOWER

Additional protection for all low voltage (LV) circuits by RCD not exceeding 30mA		✓
Where used as a protective measure, requirements for SELV or PELV met		✓
Shaver sockets comply with BS EN 61558-2-5 formerly BS3535		*N/A*
Presence of supplementary bonding conductors, unless not required by BS7671:2008		✓
Low voltage (e.g. 230 volt) socket-outlets sited at least 3m from zone 1		✓
Suitability of equipment for external influences from installed location in terms of IP rating		✓
Suitability of equipment for installation in a particular zone		✓
Suitability of current-using equipment for particular position within the location		✓

11 - SPECIAL INSTALLATIONS OR LOCATIONS If any special installations or locations are present, list the particular inspections applied on a separate sheet.

Inspected by:

Name: *A SOUTH* Date: *24/06/2019*

Position: *ENGINEER* Signature: .....

ORIGINAL

Circuit Details

Reference Number: EICRCOUNTYBRIDGE001

DB Reference: DB1 **DB Location:** MAIN INTAKE ROOM

Distribution Board Comments:

Supplied from: DNO | Overcurrent Device: 60947 - | RCD Operating Current: N/A mA

Board Manufacturer: MEM SHIED 2 | Device Rating: 200 A | RCD time delay: ms | RCD Operating time at $I_{\Delta n}$: N/A ms

*Codes for Installation methods

A. In conduit in thermally insulated wall
B. In conduit on a wall or in trunking
C. Clipped direct
D. Direct buried or in ducting or conduit in ground
E & F. In free air or on cable tray or ladder touching
G. In free air on cable tray or ladder spaced

Twin & Earth cable only:
100. Above plasterboard ceiling, insulation <100mm
101. Above plasterboard ceiling, insulation >100mm
102. Insulated stud wall, touching inner wall
103. Insulated stud wall, not touching inner wall

Circuit Number	Circuit Description	Circuit Category		Number of points served	Disconnection Time (s)	Device BS (EN)	Device Type	Device Rating (A)	Device Breaking Capacity (kA)	RCD Operating Current (mA)	Maximum Permitted Zs (Ω)	Type of Wiring	Installation Method*	Live csa (mm²)	Cpc csa (mm²)
1L1	SOCKETS THIS ROOM	Ring Circuit		0.4	61009	B	32	1	30	1.3656	A	B	2.5	1.5
L2	SUB MAIN (DB5)	Radial Circuit		5	60898	C	63	1	N/A	0.3468	G	C	16	16
L3	SUB MAIN (DB3)	Radial Circuit		5	60898	C	63	1	N/A	0.3468	G	C	16	16
2L1	SUB MAIN (DB2)	Radial Circuit		5	60898	C	63	1	N/A	0.3468	G	C	16	16
L2	"													
L3	"													
3L1	SUB MAIN (DB4)	Radial Circuit		5	60898	C	63	1	N/A	0.3468	G	C	16	16
L2	SPUR FIRE ALARM	Radial Circuit		0.4	60898	B	16	1	N/A	2.7312	O	B	2.5	1.5
L3	BOILER CONTROL PANEL	Radial Circuit		5	60898	C	63	1	N/A	0.3468	G	C	16	16
4L1	SPUR DISABLED ALARM	Radial Circuit		0.4	60898	B	10	1	N/A	4.37	A	B	2.5	1.5
L2	REAR CANOPY	Radial Circuit		0.4	60898	C	16	1	N/A	1.3656	A	B	2.5	1.5
L3	SPARE													
5L1	SPURS ROLLER SHUTTERS	Radial Circuit		0.4	60898	B	32	1	N/A	1.3656	A	B	2.5	1.5
L2	SPARE													
L3	SPARE													
6L1	SOCKETS ENTRANCE, STAFFROOM AND CLEANERS	Ring Circuit		0.4	60898	B	32	1	N/A	1.3656	A	B	2.5	1.5
L2	SPARE													
L3	SPARE													
7L1	SOCKETS OFFICE	Ring Circuit		0.4	60898	B	32	1	N/A	1.3656	A	B	2.5	1.5
L2	SPARE													
L3	SPARE													
8L1	LIGHTS THIS ROOM	Radial Circuit		0.4	60898	B	10	1	N/A	4.37	A	B	2.5	1.5
L2	SPARE													
L3	SPARE													

Codes for type of wiring: A PVC/PVC Cables; B PVC Cables in metallic conduit; C PVC Cables in non-metallic conduit; D PVC Cables in metallic trunking; E PVC Cables in non-metallic trunking; F PVC/SWA Cables; G XLPE/SWA Cables; H Mineral Insulated cables

ORIGINAL

Test Results

Reference Number: EICRCOUNTYBRIDGE001

DB Reference: DB1 **DB Location:** MAIN INTAKE ROOM

Tested by:		Test instrument serial numbers:			
Name:	A SOUTH	Continuity:	M-1 800464	Earth electrode resistance:	
Signature:		RCD:	M-1 800464	Earth fault loop impedance:	M-1 800464
Date:	24/06/2019	Other:		Insulation resistance:	M-1 800464

Details of circuits and/or installed equipment vulnerable to damage when testing

Distribution Board Characteristics

Zs: .14 Ω Nominal Voltage: 400 V Polarity: ✓

I_{pf}: 1.7 kA No. of phases: 3 Phase rotation: ✓

Test Results

Circuit Number	Ring final circuit continuity (Ω) R_1 (line)	R_n (neutral)	R_2 (cpc)	Continuity (Ω) R_1+R_2	R_2	Insulation Resistance (MΩ) Live-Live	Live-Neutral	Live-Earth	Neutral-Earth	Polarity	Measured Zs (Ω)	RCD (ms) @ $I_{\Delta n}$	@ $5I_{\Delta n}$	Test Button Operation	Circuit Comments
1L1	.63	.64	.81	.39		>200	>200	>200	>200	✓	.53	38	29	✓	
L2				.06		>200	>200	>200	>200	✓	.20				
L3				.06		>200	>200	>200	>200	✓	.20				
2L1				.10		>200	>200	>200	>200	✓	.24				
L2				.10		>200	>200	>200	>200	✓	.24				
L3				.10		>200	>200	>200	>200	✓	.24				
3L1				.07		>200	>200	>200	>200	✓	.21				
L2				.25		>200	>200	>200	>200	✓	.39				
L3				.07		>200	>200	>200	>200	✓	.21				
4L1				.39		>200	>200	>200	>200	✓	.53				
L2				.44		>200	>200	>200	>200	✓	.58				
L3															
5L1	.86	.86	.99	.45		>200	>200	>200	>200	✓	.61				
L2															
L3															
6L1	1.21	1.22	1.40	.13		>200	>200	>200	>200	✓	.37				
L2															
L3															
7L1	.14	.14	.22	.05		>200	>200	>200	>200	✓	.19				
L2															
L3															
8L1				.61		>200	>200	>200	>200	✓	.75				
L2															
L3															

ORIGINAL

Circuit Details

Reference Number: EICRCOUNTYBRIDGE001

DB Reference: DB 1 CONT **DB Location:** MAIN INTAKE ROOM

Distribution Board Comments:

Supplied from: DNO | Overcurrent Device: 60947 - | RCD Operating Current: N/A mA

Board Manufacturer: MEM | Device Rating: 200 A | RCD time delay: ms | RCD Operating time at $I_{\Delta n}$: N/A ms

*Codes for Installation methods

A. In conduit in thermally insulated wall
B. In conduit on a wall or in trunking
C. Clipped direct
D. Direct buried or in ducting or conduit in ground
E & F. In free air or on cable tray or ladder touching
G. In free air on cable tray or ladder spaced

Twin & Earth cable only:
100. Above plasterboard ceiling, insulation <100mm
101. Above plasterboard ceiling, insulation >100mm
102. Insulated stud wall, touching inner wall
103. Insulated stud wall, not touching inner wall

Circuit Number	Circuit Description	Circuit Category		Number of points served	Disconnection Time (s)	Device BS (EN)	Device Type	Device Rating (A)	Device Breaking Capacity (kA)	RCD Operating Current (mA)	Maximum Permitted Zs (Ω)	Type of Wiring	Installation Method*	Live csa (mm²)	Cpc csa (mm²)
9L1	LIGHTS WC`S	Radial Circuit		0.4	60898	B	10	1	N/A	4.37	A	B	1.5	1	
L2	SPARE														
L3	SPARE														
10L1	LIGHTS STAFF AND OFFICE	Radial Circuit		0.4	60898	B	10	1	N/A	4.37	A	B	1.5	1	
L2	SPARE														
L3	SPARE														
11L1	LIGHTS DISABLED WC	Radial Circuit		0.4	60898	B	10	1	N/A	4.37	A	B	1.5	1	
L2	"														
L3	"														
12L1	SPUR INTRUDER ALARM	Radial Circuit		0.4	60898	B	16	1	N/A	2.7312	A	B	2.5	1.5	
L2	"														
L3	"														
13L1	SPUR TV AMP	Radial Circuit		0.4	60898	B	16	1	N/A	2.7312	A	B	1.5	1	
L2	"														
L3	"														
14L1	SOCKETS BESIDE DB	Radial Circuit		0.4	60898	C	32	1	N/A	0.6828	A	B	2.5	1.5	
L2	SPARE														
L3	"														
15L1	"														
L2	"														
L3	"														
16L1	"														
L2	"														
L3	"														

Codes for type of wiring: A PVC/PVC Cables | B PVC Cables in metallic conduit | C PVC Cables in non-metallic conduit | D PVC Cables in metallic trunking | E PVC Cables in non-metallic trunking | F PVC/SWA Cables | G XLPE/SWA Cables | H Mineral Insulated cables

ORIGINAL

Test Results

Reference Number: EICRCOUNTYBRIDGE001

DB Reference: DB 1 CONT **DB Location:** MAIN INTAKE ROOM

Tested by:		Test instrument serial numbers:			
Name:	A SOUTH	Continuity:	M-1 800464	Earth electrode resistance:	
Signature:		RCD:	M-1 800464	Earth fault loop impedance:	M-1 800464
Date:	24/06/2019	Other:		Insulation resistance:	M-1 800464

Details of circuits and/or installed equipment vulnerable to damage when testing

Distribution Board Characteristics

Zs: .14 Ω Nominal Voltage: 400 V Polarity: ✓

I_{pf}: 1.7 kA No. of phases: 3 Phase rotation: ✓

Test Results: Circuit Number	Ring final circuit continuity (Ω): R_1 (line)	R_n (neutral)	R_2 (cpc)	Continuity (Ω): $R_1 + R_2$	R_2	Insulation Resistance (MΩ): Live-Live	Live-Neutral	Live-Earth	Neutral-Earth	Polarity	Measured Zs (Ω)	RCD (ms): @ $I_{\Delta n}$	@ $5I_{\Delta n}$	Test Button Operation	Circuit Comments
9L1				.70			>200	>200	>200	✓	.84				
L2															
L3															
10L1				.58			>200	>200	>200	✓	.72				
L2															
L3															
11L1				.04			>200	>200	>200	✓	.18				
L2															
L3															
12L1				.07			>200	>200	>200	✓	.21				
L2															
L3															
13L1				.04			>200	>200	>200	✓	.18				
L2															
L3															
14L1				.03			>200	>200	>200	✓	.17				
L2															
L3															
15L1															
L2															
L3															
16L1															
L2															
L3															

ORIGINAL

Reference Number: EICRCOUNTYBRIDGE001

Circuit Details

DB Reference: DB 2 **DB Location:** MAIN KITCHEN

Distribution Board Comments:

Supplied from: DB1 C2 TP | Overcurrent Device: 60898 C | RCD Operating Current: N/A mA

Board Manufacturer: MEM | Device Rating: 63 A | RCD time delay: ms | RCD Operating time at $I_{\Delta n}$: N/A ms

*Codes for Installation methods

A. In conduit in thermally insulated wall
B. In conduit on a wall or in trunking
C. Clipped direct
D. Direct buried or in ducting or conduit in ground
E & F. In free air or on cable tray or ladder touching
G. In free air on cable tray or ladder spaced

Twin & Earth cable only:
100. Above plasterboard ceiling, insulation <100mm
101. Above plasterboard ceiling, insulation >100mm
102. Insulated stud wall, touching inner wall
103. Insulated stud wall, not touching inner wall

Circuit Number	Circuit Description	Circuit Category		Number of points served	Disconnection Time (s)	Device BS (EN)	Device Type	Device Rating (A)	Device Breaking Capacity (kA)	RCD Operating Current (mA)	Maximum Permitted Zs (Ω)	Type of Wiring	Installation Method*	Live csa (mm²)	Cpc csa (mm²)
1L1	SOCKETS HIGH LEVEL (CONTACTOR)	Ring Circuit		0.4	60898	B	32	1	N/A	1.3656	A	B	2.5	1.5	
L2	CONTACTOR SUPPLY	Radial Circuit		0.4	60898	B	10	1	N/A	4.37	A	B	2.5	1.5	
L3	LIGHTS KITCHEN	Radial Circuit		0.4	60898	B	10	1	N/A	4.37	A	B	1.5	1	
2L1	SOCKETS KITCHEN	Radial Circuit		0.4	60898	B	32	1	N/A	1.3656	A	B	2.5	1.5	
L2	EXTRACTOR FAN	Radial Circuit		0.4	60898	B	10	1	N/A	4.37	A	B	1.5	1	
L3	EXTRACTOR FAN WCS	Radial Circuit		0.4	60898	B	20	1	N/A	2.185	A	B	4	1.5	
3L1	DISHWASHER (CONTACTOR)	Radial Circuit		0.4	60898	B	20	1	N/A	2.185	G	B	4	4	
L2	"														
L3	"														
4L1	SPARE														
L2	"														
L3	"														
5L1	"														
L2	"														
L3	"														
6L1	"														
L2	"														
L3	"														

Codes for type of wiring: A PVC/PVC Cables; B PVC Cables in metallic conduit; C PVC Cables in non-metallic conduit; D PVC Cables in metallic trunking; E PVC Cables in non-metallic trunking; F PVC/SWA Cables; G XLPE/SWA Cables; H Mineral Insulated cables

ORIGINAL

Test Results

Reference Number: EICRCOUNTYBRIDGE001

DB Reference: DB 2 **DB Location:** MAIN KITCHEN

Tested by:		Test instrument serial numbers:			
Name:	A SOUTH	Continuity:	M-1 800464	Earth electrode resistance:	
Signature:		RCD:	M-1 800464	Earth fault loop impedance:	M-1 800464
Date:	24/06/2019	Other:		Insulation resistance:	M-1 800464

Details of circuits and/or installed equipment vulnerable to damage when testing

Distribution Board Characteristics

Zs: .24 Ω Nominal Voltage: 400 V Polarity: ✓

I_{pf}: 1.05 kA No. of phases: 3 Phase rotation: ✓

Test Results: Circuit Number	Ring final circuit continuity (Ω): R_1 (line)	R_n (neutral)	R_2 (cpc)	$R_1 + R_2$	R_2	Continuity (Ω): Live-Live	Insulation Resistance (MΩ): Live-Neutral	Live-Earth	Neutral-Earth	Polarity	Measured Zs (Ω)	RCD (ms): @ $I_{\Delta n}$	@ $5I_{\Delta n}$	Test Button Operation	Circuit Comments
1L1	.29	.28	.42	.07		>200	>200	>200	>200	✓	.31				
L2				.04		>200	>200	>200	>200	✓	.28				
L3				.38		>200	>200	>200	>200	✓	.62				
2L1	.21	.21	.32	.08		>200	>200	>200	>200	✓	.32				
L2				.15		>200	>200	>200	>200	✓	.39				
L3				.12		>200	>200	>200	>200	✓	.36				
3L1				.05		>200	>200	>200	>200	✓	.29				
L2															
L3															
4L1															
L2															
L3															
5L1															
L2															
L3															
6L1															
L2															
L3															

ORIGINAL

Circuit Details

Reference Number: EICRCOUNTYBRIDGE001

DB Reference: DB 3 **DB Location:** SMALL KITCHEN

Distribution Board Comments:

Supplied from: DB1 1/L3 | Overcurrent Device: 60898 C | RCD Operating Current: N/A mA

Board Manufacturer: MEM | Device Rating: 63 A | RCD time delay: ms | RCD Operating time at $I_{\Delta n}$: N/A ms

*Codes for Installation methods

A. In conduit in thermally insulated wall
B. In conduit on a wall or in trunking
C. Clipped direct
D. Direct buried or in ducting or conduit in ground
E & F. In free air or on cable tray or ladder touching
G. In free air on cable tray or ladder spaced

Twin & Earth cable only:
100. Above plasterboard ceiling, insulation <100mm
101. Above plasterboard ceiling, insulation >100mm
102. Insulated stud wall, touching inner wall
103. Insulated stud wall, not touching inner wall

Circuit Number	Circuit Description	Circuit Category		Number of points served	Disconnection Time (s)	Device BS (EN)	Device Type	Device Rating (A)	Device Breaking Capacity (kA)	RCD Operating Current (mA)	Maximum Permitted Zs (Ω)	Type of Wiring	Installation Method*	Live csa (mm²)	Cpc csa (mm²)
1	SOCKETS TOURNAMENT ROOM	Ring Circuit		0.4	61009	C	32	1	30	0.6828	A	B	2.5	1.5
2	SOCKETS TOURNAMENT FOYER	Ring Circuit		0.4	61009	C	32	1	30	0.6828	A	B	2.5	1.5
3	SOCKETS	Radial Circuit		0.4	60898	B	32	1	N/A	1.3656	A	B	4	1.5
4	EXTRACT FANS, KITCHEN AND WC`S	Radial Circuit		0.4	60898	B	20	1	N/A	2.185	A	B	4	1.5
5	SPUR ROLLER SHUTTERS	Radial Circuit		0.4	60898	B	16	1	N/A	2.7312	A	B	2.5	1.5
6	CABLE REMOVED UNUSED													
7	LIGHTS	Radial Circuit		0.4	60898	B	10	1	N/A	4.37	A	B	2.5	1.5
8	LIGHTS	Radial Circuit		0.4	60898	B	10	1	N/A	4.37	A	B	1.5	1
9	LIGHTS	Radial Circuit		0.4	60898	B	10	1	N/A	4.37	A	B	1.5	1
10	SPUR ROLLER SHUTTERS	Radial Circuit		0.4	60898	B	10	1	N/A	4.37	A	B	1.5	1
11	SPARE													
12	SPARE													
13	SOCKET TUMBLE DRYER AND FRIDGE	Radial Circuit		0.4	60898	B	20	1	N/A	2.185	A	B	2.5	1.5

Codes for type of wiring: A PVC/PVC Cables; B PVC Cables in metallic conduit; C PVC Cables in non-metallic conduit; D PVC Cables in metallic trunking; E PVC Cables in non-metallic trunking; F PVC/SWA Cables; G XLPE/SWA Cables; H Mineral Insulated cables

ORIGINAL

Test Results

Reference Number: EICRCOUNTYBRIDGE001

DB Reference: DB 3 **DB Location:** SMALL KITCHEN

Tested by:		Test instrument serial numbers:			
Name:	A SOUTH	Continuity:	M-1 800464	Earth electrode resistance:	
Signature:		RCD:	M-1 800464	Earth fault loop impedance:	M-1 800464
Date:	24/06/2019	Other:		Insulation resistance:	M-1 800464

Details of circuits and/or installed equipment vulnerable to damage when testing

Distribution Board Characteristics

Zs: .20 Ω Nominal Voltage: 230 V Polarity: ✓

I_{pf}: 1.2 kA No. of phases: 1 Phase rotation:

Test Results

Circuit Number	Ring final circuit continuity (Ω) R_1 (line)	R_n (neutral)	R_2 (cpc)	Continuity (Ω) $R_1 + R_2$	R_2	Insulation Resistance (MΩ) Live-Live	Live-Neutral	Live-Earth	Neutral-Earth	Polarity	Measured Zs (Ω)	RCD (ms) @ $I_{\Delta n}$	@ 5$I_{\Delta n}$	Test Button Operation	Circuit Comments
1	.32	.32	.48	.19		>200	>200	>200	✓	.39					
2	.28	.29	.42	.35		>200	>200	>200	✓	.55					
3				.15		>200	>200	>200	✓	.35					
4				.18		>200	>200	>200	✓	.38					
5				.16		>200	>200	>200	✓	.36					
6															
7				.52		>200	>200	>200	✓	.72					
8				.56		>200	>200	>200	✓	.76					
9				.68		>200	>200	>200	✓	.88					
10				.66		>200	>200	>200	✓	.86					
11															
12															
13				.18		>200	>200	>200	✓	.38					

ORIGINAL

Circuit Details

Reference Number: EICRCOUNTYBRIDGE001

DB Reference: DB 5 **DB Location:** SMALL KITCHEN

Distribution Board Comments:
SHORTING BAR FITTED ACROSS PHASES TO MAKE 3 PHASE BOARD A SINGLE PHASE

Supplied from: DB1 L/2 | Overcurrent Device: 60898 C | RCD Operating Current: N/A mA

Board Manufacturer: MEM | Device Rating: 63 A | RCD time delay: ms | RCD Operating time at $I_{\Delta n}$: N/A ms

*Codes for Installation methods

A. In conduit in thermally insulated wall
B. In conduit on a wall or in trunking
C. Clipped direct
D. Direct buried or in ducting or conduit in ground
E & F. In free air or on cable tray or ladder touching
G. In free air on cable tray or ladder spaced

Twin & Earth cable only:
100. Above plasterboard ceiling, insulation <100mm
101. Above plasterboard ceiling, insulation >100mm
102. Insulated stud wall, touching inner wall
103. Insulated stud wall, not touching inner wall

Circuit Number	Circuit Description	Circuit Category		Number of points served	Disconnection Time (s)	Device BS (EN)	Device Type	Device Rating (A)	Device Breaking Capacity (kA)	RCD Operating Current (mA)	Maximum Permitted Zs (Ω)	Type of Wiring	Installation Method*	Live csa (mm²)	Cpc csa (mm²)
1L2	SPUR OVER DOOR HEATER LOBBY	Radial Circuit		0.4	60898	B	32	1	N/A	1.3656	A	B	4	1.5	
2L2	SOCKETS LOBBY	Ring Circuit		0.4	60898	B	32	1	N/A	1.3656	A	B	2.5	1.5	
3L2	SOCKETS COMMITTEE ROOM	Ring Circuit		0.4	60898	B	32	1	N/A	1.3656	A	B	2.5	1.5	
4L2	SPARE			0.4	60898	B	32	1	N/A	1.3656					
5L2	SPARE			0.4	60898	C	32	1	N/A	0.6828					
6L2	SOCKETS MAIN ROOM ALCOVE	Ring Circuit		0.4	60898	C	32	1	N/A	0.6828	A	B	2.5	1.5	
7L2	SOCKETS SMALL KITCHEN	Ring Circuit		0.4	60898	B	32	1	N/A	1.3656	A	B	2.5	1.5	
8L2	EXTRACT FANS WC	Radial Circuit		0.4	60898	B	16	1	N/A	2.7312	A	B	1.5	1	
9L2	SPARE														
10L2	LIGHTS ENTRANCE LOBBY	Radial Circuit		0.4	60898	B	10	1	N/A	4.37	A	B	1.5	1	
11L2	LIGHT BOYS AND GIRLS WC`S	Radial Circuit		0.4	60898	B	10	1	N/A	4.37	A	B	1.5	1	
12L2	LIGHTS	Radial Circuit		0.4	60898	B	10	1	N/A	4.37	A	B	1.5	1	
13L2	LIGHTS	Radial Circuit		0.4	60898	B	10	1	N/A	4.37	A	B	1.5	1	
14L2	SPUR ROLLER SHUTTERS	Radial Circuit		0.4	60898	B	20	1	N/A	2.185	A	B	2.5	1.5	
15L2	SPARE			0.4	60898	B	20	1	N/A	2.185					
16L2	SPURS CCTV	Radial Circuit		0.4	60898	B	20	1	N/A	2.185	A	B	2.5	1.5	
17L2	SPURS CCTV	Radial Circuit		0.4	60898	B	20	1	N/A	2.185	A	B	2.5	1.5	
18L2	SPARE														
19L2	SPARE														
20L2	SPARE														
21L2	SPARE														
22L2	SPARE														

Codes for type of wiring: A PVC/PVC Cables; B PVC Cables in metallic conduit; C PVC Cables in non-metallic conduit; D PVC Cables in metallic trunking; E PVC Cables in non-metallic trunking; F PVC/SWA Cables; G XLPE/SWA Cables; H Mineral Insulated cables

ORIGINAL

Test Results

Reference Number: EICRCOUNTYBRIDGE001

DB Reference: DB 5 **DB Location:** SMALL KITCHEN

Tested by:		Test instrument serial numbers:			
Name:	A SOUTH	Continuity:	M-1 800464	Earth electrode resistance:	
Signature:		RCD:	M-1 800464	Earth fault loop impedance:	M-1 800464
Date:	24/06/2019	Other:		Insulation resistance:	M-1 800464

Details of circuits and/or installed equipment vulnerable to damage when testing

Distribution Board Characteristics

Zs: .20 Ω Nominal Voltage: 230 V Polarity: ✓

I_{pf}: 2.24 kA No. of phases: 1 Phase rotation:

Test Results: Circuit Number	Ring final circuit continuity (Ω): R_1 (line)	R_n (neutral)	R_2 (cpc)	Continuity (Ω): $R_1 + R_2$	R_2	Insulation Resistance (MΩ): Live-Live	Live-Neutral	Live-Earth	Neutral-Earth	Polarity	Measured Zs (Ω)	RCD (ms): @ $I_{\Delta n}$	@ $5I_{\Delta n}$	Test Button Operation	Circuit Comments
1L2				.10		>200	>200	>200	✓	.30					
2L2	.45	.45	.63	.15		>200	>200	>200	✓						
3L2	.37	.37	.53	.34		>200	>200	>200	✓	.44	.38	.27	✓		
4L2															
5L2															
6L2	.35	.36	.45	.57		>200	>200	>200	✓	.77	39	26	✓		
7L2	.30	.29	.38	.07		>200	>200	>200	✓	.27					
8L2						>200	>200	>200	✓	.32					
9L2															
10L2				.68		>200	>200	>200	✓	.88					
11L2				.65		>200	>200	>200	✓	.85					
12L2				.50		>200	>200	>200	✓	.70					
13L2				.69		>200	>200	>200	✓	.89					
14L2				.32		>200	>200	>200	✓	.52					
15L2															
16L2				.18		>200	>200	>200	✓	.38					
17L2				.14		>200	>200	>200	✓	.34					
18L2															
19L2															
20L2															
21L2															
22L2															

ORIGINAL

Circuit Details

Reference Number: EICRCOUNTYBRIDGE001

DB Reference: DB 4 **DB Location:** MAIN KITCHEN

Distribution Board Comments:

Supplied from: DB1 3L1 | Overcurrent Device: 60898 C | RCD Operating Current: N/A mA

Board Manufacturer: MEM | Device Rating: 63 A | RCD time delay: ms | RCD Operating time at $I_{\Delta n}$: N/A ms

*Codes for Installation methods

A. In conduit in thermally insulated wall
B. In conduit on a wall or in trunking
C. Clipped direct
D. Direct buried or in ducting or conduit in ground
E & F. In free air or on cable tray or ladder touching
G. In free air on cable tray or ladder spaced

Twin & Earth cable only:
100. Above plasterboard ceiling, insulation <100mm
101. Above plasterboard ceiling, insulation >100mm
102. Insulated stud wall, touching inner wall
103. Insulated stud wall, not touching inner wall

Circuit Number	Circuit Description	Circuit Category		Number of points served	Disconnection Time (s)	Device BS (EN)	Device Type	Device Rating (A)	Device Breaking Capacity (kA)	RCD Operating Current (mA)	Maximum Permitted Zs (Ω)	Type of Wiring	Installation Method*	Live csa (mm²)	Cpc csa (mm²)	
1	EXT LIGHTS FRONT ON WALL	Radial Circuit		0.4	60898	B	10	1	N/A	4.37	A	B	1.5	1		
2	EXT LIGHTS FRONT ON WALL	Radial Circuit		0.4	60898	B	10	1	N/A	4.37	A	B	1.5	1		
3	EXT LIGHTS REAR ON WALL	Radial Circuit		0.4	60898	B	10	1	N/A	4.37	A	B	1.5	1		
4	EXT LIGHTS COLUMNS ON WALL	Radial Circuit		0.4	60898	B	10	1	N/A	4.37	A	B	4	1.5		
5	EXT LIGHT COLUMNS SIDE	Radial Circuit		0.4	60898	B	10	1	N/A	4.37	A	B	4	1.5		
6	TIMER CONTACTOR	Radial Circuit		0.4	60898	B	10	1	N/A	4.37	A	B	1.5	1		
7	EXT LIGHTS REAR	Radial Circuit		0.4	60898	B	10	1	N/A	4.37	A	B	2.5	1.5		
8	EXT LIGHTS FRONT	Radial Circuit		0.4	60898	B	10	1	N/A	4.37	A	B	2.5	1.5		
9	EXT LIGHTS MAIN	Radial Circuit		0.4	60898	B	10	1	N/A	4.37	A	B	2.5	1.5		
10	SPARE															
11	"															
12	"															
13	"															

Codes for type of wiring: A PVC/PVC Cables; B PVC Cables in metallic conduit; C PVC Cables in non-metallic conduit; D PVC Cables in metallic trunking; E PVC Cables in non-metallic trunking; F PVC/SWA Cables; G XLPE/SWA Cables; H Mineral Insulated cables

ORIGINAL

Test Results

Reference Number: EICRCOUNTYBRIDGE001

DB Reference: DB 4 **DB Location:** MAIN KITCHEN

Tested by:		Test instrument serial numbers:			
Name:	A SOUTH	Continuity:	M-1 800464	Earth electrode resistance:	
Signature:		RCD:	M-1 800464	Earth fault loop impedance:	M-1 800464
Date:	24/06/2019	Other:		Insulation resistance:	M-1 800464

Details of circuits and/or installed equipment vulnerable to damage when testing

Distribution Board Characteristics

Zs: .18 Ω Nominal Voltage: 230 V Polarity: ✓

I_{pf}: 1.6 kA No. of phases: 1 Phase rotation:

Test Results: Circuit Number	Ring final circuit continuity (Ω): R_1 (line)	R_n (neutral)	R_2 (cpc)	Continuity (Ω): $R_1 + R_2$	R_2	Insulation Resistance (MΩ): Live-Live	Live-Neutral	Live-Earth	Neutral-Earth	Polarity	Measured Zs (Ω)	RCD (ms): @ $I_{\Delta n}$	@ $5I_{\Delta n}$	Test Button Operation	Circuit Comments
1				.92			>200	>200	>200	✓	1.10				
2				1.06			>200	>200	>200	✓	1.24				
3				.78			>200	>200	>200	✓	.92				
4				.79			>200	>200	>200	✓	.99				
5				.42			>200	>200	>200	✓	.66				
6				.05			>200	>200	>200	✓	.24				
7				.64			>200	>200	>200	✓	.82				
8				.61			>200	>200	>200	✓	.89				
9				.60			>200	>200	>200	✓	.78				
10															
11															
12															
13															

ELECTRICAL INSTALLATION CONDITION REPORT
GUIDANCE FOR RECIPIENTS

This Report is an important and valuable document which should be retained for future reference.

The purpose of this Condition Report is to confirm, so far as reasonably practicable, whether or not the electrical installation is in a satisfactory condition for continued service (see Section 4). The Report should identify any damage, deterioration, defects and/or conditions which may give rise to danger.

The person ordering the Report should have received the "original" Report and the inspector should have retained a duplicate.

The "original" Report should be retained in a safe place and be made available to any person inspecting or undertaking work on the electrical installation in the future. If the property is vacated, this Report will provide the new owner /occupier with details of the condition of the electrical installation at the time the Report was issued.

Where the installation incorporates a residual current device (RCD) there should be a notice at or near the device stating that it should be tested quarterly. For safety reasons it is important that this instruction is followed.

Section 3 (Extent and Limitations) should identify fully the extent of the installation covered by this Report and any limitations on the inspection and testing. The inspector should have agreed these aspects with the person ordering the Report and with other interested parties (licensing authority, insurance company, mortgage provider and the like) before the inspection was carried out.

Some operational limitations such as inability to gain access to parts of the installation or an item of equipment may have been encountered during the inspection. The inspector should have noted these in section 3 - Extent and Limitations on page 1.

For items classified in the observations as C1 ("Danger present"), the safety of those using the installation is at risk, and it is recommended that a skilled person competent in electrical installation work undertakes the necessary remedial work immediately.

For items classified in the observations as C2 ("Potentially dangerous"), the safety of those using the installation may be at risk and it is recommended that a skilled person competent in electrical installation work undertakes the necessary remedial work as a matter of urgency.

Where it has been stated that an observation requires further investigation the inspection has revealed an apparent deficiency which may result in a Code 1 or Code 2, and could not, due to the extent or limitations of the inspection, be fully identified. Such observations should be investigated without delay. A further examination of the installation will be necessary, to determine the nature and extent of the apparent deficiency (see Section 7 - Recommendations).

For safety reasons, the electrical installation should be re-inspected at appropriate intervals by a skilled person or persons, competent in such work. The recommended date by which the next inspection is due is stated on page 2 of the Report under 'Recommendations' and on a label at or near to the consumer unit / distribution board.