

S KENNEDY ELECTRICIAN

ELECTRICAL INSTALLATION
CONDITION REPORT(REQUIREMENTS FOR ELECTRICAL INSTALLATIONS
— BS 7671 (IET WIRING REGULATIONS))

EICR 0402

SECTION A. DETAILS OF THE CLIENT / PERSON ORDERING THE REPORT

Name: MATIC MEDIA
Address: 9 HAGMILL RD EAST SHAWHEAD IND. EST.

SECTION B. REASON FOR PRODUCING THIS REPORT

Reason: ROUTINE INSPECTION
Date(s) on which inspection and testing was carried out: 19.3.2022

SECTION C. DETAILS OF THE INSTALLATION WHICH IS THE SUBJECT OF THIS REPORT

Occupier: MATIC MEDIA
Address:Description of premises (Tick as appropriate): Domestic ☐ Commercial ☒ Industrial ☐ Other ☐Estimated age of the wiring system: +20 years. Evidence of additions or alterations Yes ☒ No ☐ Not apparent ☐If "Yes" estimate age: +1yr years. Installation records available? (Regulation 621.1) Yes ☒ No ☐ Date of last inspection: 15.4.17 *

SECTION D. EXTENT AND LIMITATIONS OF INSPECTION AND TESTING

Extent of the electrical installation covered by this report: ELECTRICAL INSPECTION ONLY

Agreed limitations including the reasons (Regulation 634.2):

Agreed with (name): NILOperational limitations including the reasons: NIL

The inspection and testing detailed in this report and accompanying schedules have been carried out in accordance with BS 7671:2008 (IET Wiring Regulations), as amended to It should be noted that 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.

SECTION E. SUMMARY OF THE CONDITION OF THE INSTALLATION

General condition of the installation (in terms of electrical safety): REASONABLE FOR AGE

Overall assessment of the installation in terms of its suitability for continued use

SATISFACTORY / ~~UNSATISFACTORY~~ * (Delete as appropriate)

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

SECTION F. RECOMMENDATIONS

Where the overall assessment of the suitability of the installation for continued use above is stated as UNSATISFACTORY, I/we recommend that any observations classified as 'Danger present' (code C1) or 'Potentially dangerous' (code C2) are acted upon as a matter of urgency. Investigation without delay is recommended for observations identified as 'Further investigation required' (code FI). Observations classified as 'Improvement recommended' (code C3) should be given due consideration.

Subject to the necessary remedial action being taken, I/we recommend that the installation is further inspected and tested by (date)

SECTION G. 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 the attached schedules, provides an accurate assessment of the condition of the electrical installation taking into account the stated extent and limitations in Section D of this report.

Inspected and tested by:

Name (Capitals) SKENNEDY
Signature [Signature]
For/on behalf of SKENNEDY ELECTRICIAN
Position SOLE TRADER
Address 17 HAGMILL RD EAST SHAWHEAD
Date 19.3.22 ML6 2JF

Report authorised for issue by:

Name (Capitals) ROBERT M'COMBE
Signature [Signature]
For/on behalf of
Position
Address
Date 19.3.22

SECTION H. SCHEDULE(S) schedule(s) of inspection and schedule(s) of test results are attached.

The attached schedule(s) are part of this document and this report is valid only when they are attached to it.

This report and associated schedules are based on the models given in Appendix 6 of BS 7671 - IET Wiring Regulations.

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MAIN OFFICE SUITE

CONDITION REPORT INSPECTION SCHEDULE

EICR 0402

OUTCOMES	Acceptable condition	✓	Unacceptable condition	State C1 or C2	Improvement recommended	State C3	Further investigation	FI	Not verified	NV	Limitation	LIM	Not applicable	N/A
ITEM No.	DESCRIPTION										OUTCOME			
											Use codes above. Provide additional comment where appropriate. C1,C2,C3 and FI coded items to be recorded in Section K of the Condition Report			
1.0	DISTRIBUTOR'S / SUPPLY INTAKE EQUIPMENT													
1.1	Condition of service cable										✓			
1.2	Condition of service head										✓			
1.3	Condition of distributor's earthing arrangement										✓			
1.4	Condition of meter tails – Distributor/Consumer										✓			
1.5	Condition of metering equipment										✓			
1.6	Condition of isolator (where present)										N/A			
2.0	PRESENCE OF ADEQUATE ARRANGEMENTS FOR OTHER SOURCES SUCH AS MICROGENERATORS (551.6; 551.7)													
3.0	EARTHING / BONDING ARRANGEMENTS (411.3; Chapter 54)													
3.1	Presence and condition of distributor's earthing arrangement (542.1.2.1; 542.1.2.2)										✓			
3.2	Presence and condition of earth electrode connection where applicable (542.1.2.3)										N/A			
3.3	Provision of earthing / bonding labels at all appropriate locations (514.13.1)										✓			
3.4	Confirmation of earthing conductor size (542.3; 543.1.1)										✓			
3.5	Accessibility and condition of earthing conductor at main earthing terminal (MET) (543.3.2)										✓			
3.6	Confirmation of main protective bonding conductor sizes (544.1)										✓			
3.7	Condition and accessibility of main protective bonding conductor connections (543.3.2; 544.1.2)										✓			
3.8	Accessibility and condition of other protective bonding connections (543.3.2)										LIM			
4.0	CONSUMER UNIT(S) / DISTRIBUTION BOARD(S)													
4.1	Adequacy of working space / accessibility to consumer unit / distribution board (132.12; 513.1)										✓			
4.2	Security of fixing (134.1.1)										✓			
4.3	Condition of enclosure(s) in terms of IP rating etc (416.2)										✓			
4.4	Condition of enclosure(s) in terms of fire rating etc (421.1.201; 526.5)										✓			
4.5	Enclosure not damaged/deteriorated so as to impair safety (621.2(iii))										✓			
4.6	Presence of main linked switch (as required by 537.1.4)										✓			
4.7	Operation of main switch (functional check) (612.13.2)										✓			
4.8	Manual operation of circuit-breakers and RCDs to prove disconnection (612.13.2)										✓			
4.9	Correct identification of circuit details and protective devices (514.8.1; 514.9.1)										✓			
4.10	Presence of RCD quarterly test notice at or near consumer unit / distribution board (514.12.2)										N/A			
4.11	Presence of non-standard (mixed) cable colour warning notice at or near consumer unit / distribution board (514.14)										✓			
4.12	Presence of alternative supply warning notice at or near consumer unit / distribution board (514.15)										N/A			
4.13	Presence of other required labelling (please specify) (Section 514)										N/A			
4.14	Examination of protective device(s) and base(s); correct type and rating (no signs of unacceptable thermal damage, arcing or overheating) (421.1.3)										✓			
4.15	Single-pole switching or protective devices in line conductors only (132.14.1; 530.3.2)										✓			
4.16	Protection against mechanical damage where cables enter consumer unit / distribution board (522.8.1; 522.8.11)										✓			
4.17	Protection against electromagnetic effects where cables enter consumer unit / distribution board / enclosures (521.5.1)										✓			
4.18	RCD(s) provided for fault protection - includes RCBOs (411.4.9; 411.5.2; 531.2)										N/A			
4.19	RCD(s) provided for additional protection - includes RCBOs (411.3.3; 415.1)										N/A			
4.20	Confirmation of indication that SPD is functional (534.2.8)										✓			
4.21	Confirmation that ALL conductor connections, including connections to busbars, are correctly located in terminals and are tight and secure (526.1)										✓			
4.22	Adequate arrangements where a generating set operates as a switched alternative to the public supply (551.6)										N/A			
4.23	Adequate arrangements where a generating set operates in parallel with the public supply (551.7)										N/A			

CONDITION REPORT INSPECTION SCHEDULE

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OUTCOMES	Acceptable condition	✓	Unacceptable condition	State C1 or C2	Improvement recommended	State C3	Further investigation	FI	Not verified	NV	Limitation	LIM	Not applicable	N/A
ITEM No.	DESCRIPTION										OUTCOME			
											Use codes above. Provide additional comment where appropriate. C1,C2,C3 and FI coded items to be recorded in Section K of the Condition Report			
1.0	DISTRIBUTOR'S / SUPPLY INTAKE EQUIPMENT													
1.1	Condition of service cable										✓			
1.2	Condition of service head										✓			
1.3	Condition of distributor's earthing arrangement										✓			
1.4	Condition of meter tails – Distributor/Consumer										✓			
1.5	Condition of metering equipment										✓			
1.6	Condition of isolator (where present)										N/A			
2.0	PRESENCE OF ADEQUATE ARRANGEMENTS FOR OTHER SOURCES SUCH AS MICROGENERATORS (551.6; 551.7)													
3.0	EARTHING / BONDING ARRANGEMENTS (411.3; Chapter 54)													
3.1	Presence and condition of distributor's earthing arrangement (542.1.2.1; 542.1.2.2)										✓			
3.2	Presence and condition of earth electrode connection where applicable (542.1.2.3)										N/A			
3.3	Provision of earthing / bonding labels at all appropriate locations (514.13.1)										✓			
3.4	Confirmation of earthing conductor size (542.3; 543.1.1)										✓			
3.5	Accessibility and condition of earthing conductor at main earthing terminal (MET) (543.3.2)										✓			
3.6	Confirmation of main protective bonding conductor sizes (544.1)										✓			
3.7	Condition and accessibility of main protective bonding conductor connections (543.3.2; 544.1.2)										✓			
3.8	Accessibility and condition of other protective bonding connections (543.3.2)										LIM			
4.0	CONSUMER UNIT(S) / DISTRIBUTION BOARD(S)													
4.1	Adequacy of working space / accessibility to consumer unit / distribution board (132.12; 513.1)										✓			
4.2	Security of fixing (134.1.1)										✓			
4.3	Condition of enclosure(s) in terms of IP rating etc (416.2)										✓			
4.4	Condition of enclosure(s) in terms of fire rating etc (421.1.201; 526.5)										✓			
4.5	Enclosure not damaged/deteriorated so as to impair safety (621.2(iii))										✓			
4.6	Presence of main linked switch (as required by 537.1.4)										✓			
4.7	Operation of main switch (functional check) (612.13.2)										✓			
4.8	Manual operation of circuit-breakers and RCDs to prove disconnection (612.13.2)										✓			
4.9	Correct identification of circuit details and protective devices (514.8.1; 514.9.1)										✓			
4.10	Presence of RCD quarterly test notice at or near consumer unit / distribution board (514.12.2)										N/A			
4.11	Presence of non-standard (mixed) cable colour warning notice at or near consumer unit / distribution board (514.14)										✓			
4.12	Presence of alternative supply warning notice at or near consumer unit / distribution board (514.15)										N/A			
4.13	Presence of other required labelling (please specify) (Section 514)										N/A			
4.14	Examination of protective device(s) and base(s); correct type and rating (no signs of unacceptable thermal damage, arcing or overheating) (421.1.3)										✓			
4.15	Single-pole switching or protective devices in line conductors only (132.14.1; 530.3.2)										✓			
4.16	Protection against mechanical damage where cables enter consumer unit / distribution board (522.8.1; 522.8.11)										✓			
4.17	Protection against electromagnetic effects where cables enter consumer unit / distribution board / enclosures (521.5.1)										✓			
4.18	RCD(s) provided for fault protection - includes RCBOs (411.4.9; 411.5.2; 531.2)										N/A			
4.19	RCD(s) provided for additional protection - includes RCBOs (411.3.3; 415.1)										N/A			
4.20	Confirmation of indication that SPD is functional (534.2.8)										✓			
4.21	Confirmation that ALL conductor connections, including connections to busbars, are correctly located in terminals and are tight and secure (526.1)										✓			
4.22	Adequate arrangements where a generating set operates as a switched alternative to the public supply (551.6)										N/A			
4.23	Adequate arrangements where a generating set operates in parallel with the public supply (551.7)										N/A			

CONDITION REPORT INSPECTION SCHEDULE (CONTINUED)

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OUTCOMES	Acceptable condition	✓	Unacceptable condition	State C1 or C2	Improvement recommended	State C3	Further investigation	FI	Not verified	NV	Limitation	LIM	Not applicable	N/A
ITEM No.	DESCRIPTION													OUTCOME Use codes above. Provide additional comment where appropriate. C1,C2,C3 and FI coded items to be recorded in Section K of the Condition Report
5.0	DISTRIBUTION / FINAL CIRCUITS													
5.1	Identification of conductors (514.3.1)													MIXED ✓
5.2	Cables correctly supported throughout their run (522.8.5)													LIM
5.3	Condition of insulation of live parts (416.1)													✓
5.4	Non-sheathed cables protected by enclosure in conduit, ducting or trunking (521.10.1)													
	a) To include the integrity of conduit and trunking systems (metallic and plastic)													LIM
5.5	Adequacy of cables for current-carrying capacity with regard for the type and nature of installation (Section 523)													✓
5.6	Coordination between conductors and overload protective devices (433.1; 533.2.1)													✓
5.7	Adequacy of protective devices: type and rated current for fault protection (411.3)													✓
5.8	Presence and adequacy of circuit protective conductors (411.3.1.1; 543.1)													✓
5.9	Wiring system(s) appropriate for the type and nature of the installation and external influences (Section 522)													✓
5.10	Concealed cables installed in prescribed zones (see Section D. Extent and limitations) (522.6.202)													LIM
5.11	Cables concealed under floors, above ceilings or in walls/partitions, adequately protected against damage (see Section D. Extent and limitations) (522.6.201; 522.6.204)													LIM
5.12	Provision of additional protection by RCD not exceeding 30 mA													
	a) for all socket-outlets of rating 20 A or less, unless an exception is permitted (411.3.3)													N/A
	b) for supply to mobile equipment not exceeding 32 A rating for use outdoors (411.3.3)													N/A
	c) for cables concealed in walls at a depth of less than 50 mm (522.6.202; 522.6.203)													N/A
	d) for cables concealed in walls/partitions containing metal parts regardless of depth (522.6.203)													N/A
5.13	Provision of fire barriers, sealing arrangements and protection against thermal effects (Section 527)													LIM
5.14	Band II cables segregated / separated from Band I cables (528.1)													N/A
5.15	Cables segregated / separated from communications cabling (528.2)													N/A
5.16	Cables segregated / separated from non-electrical services (528.3)													N/A
5.17	Termination of cables at enclosures - indicate extent of sampling in Section D of the report (Section 526)													
	a) Connections soundly made and under no undue strain (526.6)													✓
	b) No basic insulation of a conductor visible outside enclosure (526.8)													✓
	c) Connections of live conductors adequately enclosed (526.5)													✓
	d) Adequately connected at point of entry to enclosure (glands, bushes etc.) (522.8.5)													✓
5.18	Condition of accessories including socket-outlets, switches and joint boxes (621.2 (iii))													✓
5.19	Suitability of accessories for external influences (512.2)													✓
5.20	Adequacy of working space / accessibility to equipment (132.12; 513.1)													✓
5.21	Single-pole switching or protective devices in line conductors only (132.14.1; 530.3.2)													✓
6.0	LOCATION(S) CONTAINING A BATH OR SHOWER													
6.1	Additional protection for all low voltage (LV) circuits by RCD not exceeding 30 mA (701.411.3.3)													N/A
6.2	Where used as a protective measure, requirements for SELV or PELV met (701.414.4.5)													N/A
6.3	Shaver sockets comply with BS EN 61558-2-5 formerly BS 3535 (701.512.3)													N/A
6.4	Presence of supplementary bonding conductors, unless not required by BS 7671:2008 (701.415.2)													LIM
6.5	Low voltage (e.g. 230 volt) socket-outlets sited at least 3 m from zone 1 (701.512.3)													N/A
6.6	Suitability of equipment for external influences for installed location in terms of IP rating (701.512.2)													✓
6.7	Suitability of accessories and control gear etc. for a particular zone (701.512.3)													N/A
6.8	Suitability of current-using equipment for particular position within the location (701.55)													N/A
7.0	OTHER PART 7 SPECIAL INSTALLATIONS OR LOCATIONS													
7.1	List all other special installations or locations present, if any. (Record separately the results of particular inspections applied.)													

Inspected by: NAME (CAPITALS) S. Kennedy

Signature

[Signature]

Date

19.3.22

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MAN OFFICE SUITE CIRCUIT CHART AND SCHEDULE OF TEST RESULTS (18 CIRCUITS)

EICR 0402

Distribution Board Reference No.

CABINET, STAIRBREAKER

Location and Type MAIN OFFICE

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

Z_s at DB I_d at DB KA

Phase sequence confirmed (where appropriate) ☐

Supply polarity confirmed ☐

CIRCUIT DETAILS

TEST RESULTS

100A D.P. MCB		No.	Circuit Description	No. of Points	Wiring Details				Overcurrent Device Breaking Capacity	Continuity				Insulation Resistance (lowest values measured)	Polarity	Z _s	RCD Protection			Functional testing	Remarks
Type (see code below)	Ref. Meth-od †				CSA		Type	Amps		R ₁ +R ₂ or R ₂	Ring Final Circuit	MΩ	Z _s				Time (ms)		Functional testing		
					mm ²	CPC											Live	Time (ms)			
Board 1																					
(A)			2.5	1.5	B	16															
(A)			2.5	1.5	B	16															
Board 2																					
(A)			2.5	1.5	B	16															
(A)			2.5	1.5	B	16															
Board 3																					
(A)			2.5	1.5	B	16															
(A)			2.5	1.5	B	16															

† Insert Reference Method (see Table A42 from BS 7671 Appendix 4)

*30mA RCDs only

TEST INSTRUMENTS USED

Cable Trailers											
Manufacturer	Type	Serial No	Date Accuracy Verified	Manufacturer	Type	Serial No.	Date Accuracy Verified	Manufacturer	Type	Serial No.	Date Accuracy Verified
MEGGER	MT1720	101221012	10/2/22								

Tested by NAME (CAPITALS)

Signature

Date

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MAIN OFFICE SUITE

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CIRCUIT CHART AND SCHEDULE OF TEST RESULTS (18 CIRCUITS)

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

Distribution Board Reference No. **Section 13WAY**

Phase sequence confirmed (where appropriate)

N/A

Z_0 at DB 0.14 Ω
 I_n at DB 1.64 kA
 Supply polarity confirmed ☐

CIRCUIT DETAILS

Isolator on LEFT Circuit from LEFT No.		No. of Points (see code below)	Wiring Details		Overcurrent Device Breaking Capacity	Continuity			Insulation Resistance (Lowest values measured)		Polarity	Z _s	RCD Protection			Functional testing	Remarks	
Type (see code below)	Ref. Method		csa	mm ²		R ₁ +R ₂ or R ₂	Ring Final Circuit	MΩ	I _{Δn}	Time (ms)								
											Live	CPC	Type	Amps	Ω	Ω		Ω
1	PAINT ROOM DRIVE	A	2.5	1.5	B	16												
2	TOP OFFICE RAMP		2.5	1.5		82												
3	LAMPS TOILET W/H		2.5	1.5		16												
4	LAMPS TOILET W/H		2.5	1.5		16												
5	A/D 2004		2.5	1.5		16												
6	S/S NO 2		2.5	1.5		16												
7	ROOFLIGHTS W/SHO		2.5	1.5		6												
8	TOILET LIGHTS		1.0	1.5		6												
9	OFFICE LIGHTS		1.0	1.5		6												
10	TOP OFFICE LIGHTS		1.0	1.5		6												
11			1.0	1.5		16												
12	PAINT ROOM LIGHTS		1.0	1.5		16												
13	BOLLEA		6	2.5		32												

† Insert Reference Method (see Table 4A2 from BS 7671 Appendix 4)

*30mA RCDs only

TEST INSTRUMENTS USED

Code for Wiring Type	A	B	C	D	E	F	G	H	O (Other - please specify)
PVC/PVC									
PVC in Metal Conduit									
PVC in Plastic Conduit									
PVC in Metal Trunking									
PVC in Plastic Trunking									
PVC/SWA									
XLPE/SWA									
Mineral Insulated									

Manufacturer	Type	Serial No.	Accuracy Verified	Manufacturer	Type	Serial No.	Date Accuracy Verified	Manufacturer	Type	Serial No.	Date Accuracy Verified
Megger	MFT170	10122102	10/2/22	Calibrator							

Tested by: NAME (CAPITALS) **S Kennedy** Signature **S Kennedy** Date **19.3.22** Page 5 of 5

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CIRCUIT CHART AND SCHEDULE OF TEST RESULTS (18 CIRCUITS)

Distribution Board Reference No. **WYNKIER**
Location and Type **MAN OFFICE**

Details of circuits and/or installed equipment vulnerable to damage when testing
250/415V
Phase sequence confirmed (where appropriate) **N/A**

Z_s at DB **0.17** Ω
 I_{ph} at DB **1.32** kA
Supply polarity confirmed ☒

CIRCUIT DETAILS

No.	Circuit Description	No. of Points	Wiring Details			Overcurrent Device Breaking Capacity	Continuity			Insulation Resistance (Lowest values measured)	Po-larity	Z _s	RCD Protection			Functional testing	Remarks																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
			Type (see code below)	Ref. Meth-od +	CSA		R1+R2 or R2	Ring Final Circuit	Resistance (Lowest values measured)				Polarity	Z _s	Time (ms)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
															mm ²			CPC	Type	Amps	R ₁ +R ₂	R ₂	L-L	N-N	CPC-CPC	L-L	L-E	(V)	Ω	mA	100%	*500%	(V)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
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1 Insert Reference Method (see Table 4A2 from BS 7671 Appendix 4)

30mA RCDs only

TEST INSTRUMENTS USED

Code for Wiring Type	A	B	C	D	E	F	G	H	O (Other - please specify)
PVC/PVC									
PVC in Metal Conduit									
PVC in Plastic Conduit									
PVC in Metal Trunking									
PVC in Plastic Trunking									
PVC/SWA									
XLPE/SWA									
Mineral Insulated									

Manufacturer **Wegor** Type **MF71720** Serial No. **10122102** Date Accuracy Verified **10/2/22**
Manufacturer **Calibrate** Type **MF71720** Serial No. **10122102** Date Accuracy Verified **10/2/22**
Tested by NAME (CAPITAL S) **Skeneady** Signature **SKT** Date **19-3-22** Page 5 of

SECTION I. SUPPLY CHARACTERISTICS AND EARTHING ARRANGEMENTS

Earthing arrangements	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/Uo ⁽¹⁾ 440/240 V	BS (EN): 1361
TN-S <input type="checkbox"/>	1-phase, 2-wire <input type="checkbox"/> 2-wire <input type="checkbox"/>	Nominal Frequency, f ⁽¹⁾ 50 Hz	Type: 115
TN-C-S <input checked="" type="checkbox"/>	2-phase, 3-wire <input type="checkbox"/> 3-wire <input type="checkbox"/>	Prospective fault current, Ipf ⁽²⁾ 1.32 kA	Rated current: 100 A
TT <input type="checkbox"/>	3-phase, 3-wire <input type="checkbox"/> Other <input type="checkbox"/>	External loop impedance, Ze ⁽²⁾ 0.17 Ω	SEAL NOT BROKEN
IT <input type="checkbox"/>	3-phase, 4-wire <input checked="" type="checkbox"/>	(Note: (1) by enquiry, (2) by enquiry or by measurement)	
	Confirmation of supply polarity <input checked="" type="checkbox"/>		

Other sources of supply ☐ (as detailed on attached schedule)

SECTION J. PARTICULARS OF INSTALLATION REFERRED TO IN THE REPORT

Means of Earthing	Details of Installation Earth Electrode (where applicable)		
Distributor's facility <input checked="" type="checkbox"/>	Type (e.g. rod(s), tape etc) N/A	Location N/A	Electrode resistance to earth N/A Ω
Installation earth electrode <input type="checkbox"/>			

Main Protective Conductors

Earthing conductor: material Copper csa 16 mm² Continuity/connection verified ☐

Main protective bonding conductors (to extraneous conductive parts): material N/A csa N/A mm² Continuity/connection verified ☐

To water installation pipes ☒ To gas installation pipes ☐ To oil installation pipes ☒ To structural steel ☐

To lightning protection ☒ To other ☐ Specify: N/A

Main Switch / Switch-Fuse / Circuit-Breaker / RCD

Location Main office Suite

Current rating 100 A If RCD main switch

Fuse/device rating or setting 240/415 A Rated residual operating current (I_{Δn}) N/A mA

BS (EN) 6480 13 Rated time delay N/A ms

No. of poles 3 Voltage rating 240/415 V Measured operating time (at I_{Δn}) N/A ms

SECTION K. OBSERVATIONS

Referring to the attached Schedules of Inspection and Test Results, and subject to the limitations specified at Section D, Extent and Limitations of the Inspection and Testing: ☐ No remedial action is required ☒ The following observations are made:

Inspection Schedule Item No. or 'Test'	OBSERVATIONS	Classification Code C1, C2, C3 or FI (see below)
Note 1.	Continual upgrade/improvement of printing machines and equipment as they are moved around.	
<p>One of the adjacent Codes, as appropriate, has been allocated to each of the observations made above to indicate to the person(s) responsible for the installation the degree of urgency for remedial action.</p> <p>Danger present. Risk of injury. Immediate action required. C1</p> <p>Potentially dangerous – urgent remedial action required. C2</p> <p>Improvement recommended. C3</p> <p>Further investigation required without delay. FI</p>		

☐ Additional observations are recorded on the following number of continuation sheet(s)

S. KENNEDY / ELECTRICIAN

ELECTRICAL INSTALLATION CONDITION REPORT

(REQUIREMENTS FOR ELECTRICAL INSTALLATIONS
— BS 7671 (IET WIRING REGULATIONS))

EICR 403

SECTION A. DETAILS OF THE CLIENT / PERSON ORDERING THE REPORT

Name: MATIL MEDIA
Address: 9 HAGMILL RD; EAST SHAWHEAD IND. EST

SECTION B. REASON FOR PRODUCING THIS REPORT

Reason: ROUTINE MAINTENANCE
Date(s) on which inspection and testing was carried out: 19.3.22

SECTION C. DETAILS OF THE INSTALLATION WHICH IS THE SUBJECT OF THIS REPORT

Occupier: MATIL MEDIA
Address: AS ABOVE
Description of premises (Tick as appropriate): Domestic ☐ Commercial ☒ Industrial ☐ Other ☐
Estimated age of the wiring system: +20 years. Evidence of additions or alterations Yes ☒ No ☐ Not apparent ☐
If "Yes" estimate age: +1 years. Installation records available? (Regulation 621.1) Yes ☒ No ☐ Date of last inspection: 15/4/17

SECTION D. EXTENT AND LIMITATIONS OF INSPECTION AND TESTING

Extent of the electrical installation covered by this report: ELECTRICAL TESTING ONLY
Agreed limitations including the reasons (Regulation 634.2):

Agreed with (name): NIL
Operational limitations including the reasons: NIL

The inspection and testing detailed in this report and accompanying schedules have been carried out in accordance with BS 7671:2008 (IET Wiring Regulations), as amended to It should be noted that 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.

SECTION E. SUMMARY OF THE CONDITION OF THE INSTALLATION

General condition of the installation (in terms of electrical safety): REASONABLE

Overall assessment of the installation in terms of its suitability for continued use

SATISFACTORY / ~~UNSATISFACTORY~~ (Delete as appropriate)

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

SECTION F. RECOMMENDATIONS

Where the overall assessment of the suitability of the installation for continued use above is stated as ~~UNSATISFACTORY~~, I/we recommend that any observations classified as 'Danger present' (code C1) or 'Potentially dangerous' (code C2) are acted upon as a matter of urgency. Investigation without delay is recommended for observations identified as 'Further investigation required' (code FI). Observations classified as 'Improvement recommended' (code C3) should be given due consideration. Subject to the necessary remedial action being taken, I/we recommend that the installation is further inspected and tested by 2027 (date)

SECTION G. 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 the attached schedules, provides an accurate assessment of the condition of the electrical installation taking into account the stated extent and limitations in Section D of this report.

Inspected and tested by:

Name (Capitals): S. KENNEDY
Signature: [Signature]
For/on behalf of: S. KENNEDY ELECTRICIAN
Position: SOLE TRADER
Address: 17 Meadowhead Rd PLAIN
Date: 19-3-22 ML6 7JF

Report authorised for issue by:

Name (Capitals): ROBERT M'CAMBE
Signature: [Signature]
For/on behalf of: [Signature]
Position: [Signature]
Address: [Signature]
Date: 19-3-22

SECTION H. SCHEDULE(S)

The attached schedule(s) are part of this document and this report is valid only when they are attached to it.

This report and associated schedules are based on the models given in Appendix 6 of BS 7671 - IET Wiring Regulations.

Page 1 of

DESPATCH OFFICES

Earthing arrangements		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, $U/U_o^{(1)}$	250/415 V
TN-S	<input type="checkbox"/>	1-phase, 2-wire	<input type="checkbox"/>	2-wire	<input type="checkbox"/>	Nominal Frequency, $f^{(1)}$	50 Hz
TN-C-S	<input checked="" type="checkbox"/>	2-phase, 3-wire	<input type="checkbox"/>	3-wire	<input type="checkbox"/>	Prospective fault current, $I_p^{(2)}$	1.59 kA
TT	<input type="checkbox"/>	3-phase, 3-wire	<input type="checkbox"/>	Other	<input type="checkbox"/>	External loop impedance, $Z_e^{(2)}$	0.15
IT	<input type="checkbox"/>	3-phase, 4-wire	<input checked="" type="checkbox"/>			Rated current:	100 A
		Confirmation of supply polarity		<input checked="" type="checkbox"/>	(Note: (1) by enquiry, (2) by enquiry or by measurement)		
Other sources of supply		<div> <div>NA</div> <div>(as detailed on attached schedule)</div> </div> <div> <div>SEALLED NOT</div> <div>BROKEN</div> </div>					

Means of Earthing		Details of Installation Earth Electrode (where applicable)	
Distributor's facility	<input checked="" type="checkbox"/>	Type (e.g. rod(s), tape etc)	Location
Installation earth electrode	<input type="checkbox"/>		Electrode resistance to earth
		N/A	N/A
Main Protective Conductors			
Earthing conductor:	material	csa	mm ²
	Copper	16	
Main protective bonding conductors (to extraneous conductive parts):	material	csa	mm ²
	Copper	6	
To water installation pipes	<input checked="" type="checkbox"/>	To gas installation pipes	<input checked="" type="checkbox"/>
To oil installation pipes	<input type="checkbox"/>	To structural steel	<input type="checkbox"/>
To lightning protection	<input type="checkbox"/>	To other	Specify:
Main Switch / Switch-Fuse / Circuit-Breaker / RCD			
Location	DISPATCH OFFICE	Current rating	250/415 A
BS (EN)	5480-13	Fuse/device rating or setting	12.5 A
No. of poles	2	Voltage rating	400 V
		If RCD main switch	
		Rated residual operating current (I _{Δn})	N/A mA
		Rated time delay	ms
		Measured operating time (at I _{Δn})	N/A ms

SECTION K. OBSERVATIONS

Referring to the attached Schedules of Inspection and Test Results, and subject to the limitations specified at Section D, Extent and Limitations of the Inspection and Testing: ☐ No remedial action is required ☒ The following observations are made:

[illegible]

☐ Additional observations are recorded on the following number of continuation sheet(s)

CONDITION REPORT INSPECTION SCHEDULE

EICR 0403

OUTCOMES	Acceptable condition	✓	Unacceptable condition	State C1 or C2	Improvement recommended	State C3	Further investigation	FI	Not verified	NV	Limitation	LIM	Not applicable	N/A
ITEM No.	DESCRIPTION										OUTCOME			
											Use codes above. Provide additional comment where appropriate. C1,C2,C3 and FI coded items to be recorded in Section K of the Condition Report			
1.0	DISTRIBUTOR'S / SUPPLY INTAKE EQUIPMENT													
1.1	Condition of service cable										✓			
1.2	Condition of service head										✓			
1.3	Condition of distributor's earthing arrangement										✓			
1.4	Condition of meter tails – Distributor/Consumer										✓			
1.5	Condition of metering equipment										✓			
1.6	Condition of isolator (where present)										N/A			
2.0	PRESENCE OF ADEQUATE ARRANGEMENTS FOR OTHER SOURCES SUCH AS MICROGENERATORS (551.6; 551.7)													
3.0	EARTHING / BONDING ARRANGEMENTS (411.3; Chapter 54)													
3.1	Presence and condition of distributor's earthing arrangement (542.1.2.1; 542.1.2.2)										✓			
3.2	Presence and condition of earth electrode connection where applicable (542.1.2.3)										N/A			
3.3	Provision of earthing / bonding labels at all appropriate locations (514.13.1)										LIM.			
3.4	Confirmation of earthing conductor size (542.3; 543.1.1)										✓			
3.5	Accessibility and condition of earthing conductor at main earthing terminal (MET) (543.3.2)										✓			
3.6	Confirmation of main protective bonding conductor sizes (544.1)										✓			
3.7	Condition and accessibility of main protective bonding conductor connections (543.3.2; 544.1.2)										✓			
3.8	Accessibility and condition of other protective bonding connections (543.3.2)										LIM.			
4.0	CONSUMER UNIT(S) / DISTRIBUTION BOARD(S)													
4.1	Adequacy of working space / accessibility to consumer unit / distribution board (132.12; 513.1)										✓			
4.2	Security of fixing (134.1.1)										✓			
4.3	Condition of enclosure(s) in terms of IP rating etc (416.2)										✓			
4.4	Condition of enclosure(s) in terms of fire rating etc (421.1.201; 526.5)										✓			
4.5	Enclosure not damaged/deteriorated so as to impair safety (621.2(iii))										✓			
4.6	Presence of main linked switch (as required by 537.1.4)										✓			
4.7	Operation of main switch (functional check) (612.13.2)										✓			
4.8	Manual operation of circuit-breakers and RCDs to prove disconnection (612.13.2)										✓			
4.9	Correct identification of circuit details and protective devices (514.8.1; 514.9.1)										✓			
4.10	Presence of RCD quarterly test notice at or near consumer unit / distribution board (514.12.2)										✓			
4.11	Presence of non-standard (mixed) cable colour warning notice at or near consumer unit / distribution board (514.14)										✓			
4.12	Presence of alternative supply warning notice at or near consumer unit / distribution board (514.15)										N/A			
4.13	Presence of other required labelling (please specify) (Section 514)										N/A			
4.14	Examination of protective device(s) and base(s); correct type and rating (no signs of unacceptable thermal damage, arcing or overheating) (421.1.3)										✓			
4.15	Single-pole switching or protective devices in line conductors only (132.14.1; 530.3.2)										✓			
4.16	Protection against mechanical damage where cables enter consumer unit / distribution board (522.8.1; 522.8.11)										✓			
4.17	Protection against electromagnetic effects where cables enter consumer unit / distribution board / enclosures (521.5.1)										✓			
4.18	RCD(s) provided for fault protection - includes RCBOs (411.4.9; 411.5.2; 531.2)										N/A			
4.19	RCD(s) provided for additional protection - includes RCBOs (411.3.3; 415.1)										N/A			
4.20	Confirmation of indication that SPD is functional (534.2.8)										✓			
4.21	Confirmation that ALL conductor connections, including connections to busbars, are correctly located in terminals and are tight and secure (526.1)										✓			
4.22	Adequate arrangements where a generating set operates as a switched alternative to the public supply (551.6)										N/A			
4.23	Adequate arrangements where a generating set operates in parallel with the public supply (551.7)										N/A			

CONDITION REPORT INSPECTION SCHEDULE (CONTINUED)

EICR 0403.

OUTCOMES	Acceptable condition	✓	Unacceptable condition	State C1 or C2	Improvement recommended	State C3	Further investigation	FI	Not verified	NV	Limitation	LIM	Not applicable	N/A
ITEM No.	DESCRIPTION										OUTCOME Use codes above. Provide additional comment where appropriate. C1,C2,C3 and FI coded items to be recorded in Section K of the Condition Report			
5.0	DISTRIBUTION / FINAL CIRCUITS													
5.1	Identification of conductors (514.3.1)										MIXED - colours ✓			
5.2	Cables correctly supported throughout their run (522.8.5)										Lim ✓			
5.3	Condition of insulation of live parts (416.1)										✓			
5.4	Non-sheathed cables protected by enclosure in conduit, ducting or trunking (521.10.1)													
	a) To include the integrity of conduit and trunking systems (metallic and plastic)										Lim			
5.5	Adequacy of cables for current-carrying capacity with regard for the type and nature of installation (Section 523)										✓			
5.6	Coordination between conductors and overload protective devices (433.1; 533.2.1)										✓			
5.7	Adequacy of protective devices: type and rated current for fault protection (411.3)										✓			
5.8	Presence and adequacy of circuit protective conductors (411.3.1.1; 543.1)										✓			
5.9	Wiring system(s) appropriate for the type and nature of the installation and external influences (Section 522)										✓			
5.10	Concealed cables installed in prescribed zones (see Section D. Extent and limitations) (522.6.202)										Lim			
5.11	Cables concealed under floors, above ceilings or in walls/partitions, adequately protected against damage (see Section D. Extent and limitations) (522.6.201; 522.6.204)										Lim			
5.12	Provision of additional protection by RCD not exceeding 30 mA													
	a) for all socket-outlets of rating 20 A or less, unless an exception is permitted (411.3.3)													
	b) for supply to mobile equipment not exceeding 32 A rating for use outdoors (411.3.3)													
	c) for cables concealed in walls at a depth of less than 50 mm (522.6.202; 522.6.203)										N/A			
	d) for cables concealed in walls/partitions containing metal parts regardless of depth (522.6.203)													
5.13	Provision of fire barriers, sealing arrangements and protection against thermal effects (Section 527)										Lim.			
5.14	Band II cables segregated / separated from Band I cables (528.1)										N/A			
5.15	Cables segregated / separated from communications cabling (528.2)										N/A			
5.16	Cables segregated / separated from non-electrical services (528.3)										N/A			
5.17	Termination of cables at enclosures - indicate extent of sampling in Section D of the report (Section 526)													
	a) Connections soundly made and under no undue strain (526.6)										✓			
	b) No basic insulation of a conductor visible outside enclosure (526.8)										✓			
	c) Connections of live conductors adequately enclosed (526.5)										✓			
	d) Adequately connected at point of entry to enclosure (glands, bushes etc.) (522.8.5)										✓			
5.18	Condition of accessories including socket-outlets, switches and joint boxes (621.2 (iii))										✓			
5.19	Suitability of accessories for external influences (512.2)										✓			
5.20	Adequacy of working space / accessibility to equipment (132.12; 513.1)										✓			
5.21	Single-pole switching or protective devices in line conductors only (132.14.1; 530.3.2)										✓			
6.0	LOCATION(S) CONTAINING A BATH OR SHOWER										N/C only			
6.1	Additional protection for all low voltage (LV) circuits by RCD not exceeding 30 mA (701.411.3.3)										N/A			
6.2	Where used as a protective measure, requirements for SELV or PELV met (701.414.4.5)										N/A			
6.3	Shaver sockets comply with BS EN 61558-2-5 formerly BS 3535 (701.512.3)										N/A			
6.4	Presence of supplementary bonding conductors, unless not required by BS 7671:2008 (701.415.2)										Lim.			
6.5	Low voltage (e.g. 230 volt) socket-outlets sited at least 3 m from zone 1 (701.512.3)										N/A			
6.6	Suitability of equipment for external influences for installed location in terms of IP rating (701.512.2)										N/A			
6.7	Suitability of accessories and control gear etc. for a particular zone (701.512.3)										N/A			
6.8	Suitability of current-using equipment for particular position within the location (701.55)										N/A			
7.0	OTHER PART 7 SPECIAL INSTALLATIONS OR LOCATIONS													
7.1	List all other special installations or locations present, if any. (Record separately the results of particular inspections applied.)													

Inspected by: NAME (CAPITALS)

S. KENNEDY

Signature

[Signature]

Date

19.3.22

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Details or circuits and/or installed equipment vulnerable to
 12-11-11-17 (damage when testing)

Z_s at DB1st at DB

0.15
1.59

 $\therefore \Omega$
 $\therefore kA$

Distribution Board Reference No.
Location and Type

Reference No. SHIELD CHINT BREAKER
DISPATCH OFFICE
Phase sequence correct

Phase sequence confirmed (where appropriate)

44

Supply polarity confirmed

5

CIRCUIT DETAILS

[illegible]

Manufacturer	Type	Serial No	Date Accuracy Verified	Manufacturer	Type	Serial No.	Date Accuracy Verified	Manufacturer	Type	Serial No.	Date Accuracy Verified
Weller	W17	1720612210/2	10-2-22								

Tested by: NAME (CAPITALS)

Signature

Data

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CIRCUIT CHART AND SCHEDULE OF TEST RESULTS (18 CIRCUITS)

Distribution Board Reference No. Wylex NH1404
Location and Type: DISPATCH OFFICEDetails of circuits and/or installed equipment vulnerable to damage when testing
Phase sequence confirmed (where appropriate)Z_s at DB 0.22 Ω
I_n at DB 1.004 kA
Supply polarity confirmed ☒

CIRCUIT DETAILS

TEST RESULTS

No.	Circuit Description	No. of Points (see code below)	Wiring Details		Overcurrent Device Breaking Capacity	Continuity		Insulation Resistance (lowest values measured)		Po- larity	Z _s	RCD Protection		Func- tional testing	Remarks
			Type	Ref. Melt- ing point		R ₁ +R ₂ or R ₂	Ring Final Circuit								
			mm ²	CPC		Ω	Ω	MΩ	Ω			I _{Δn}	Time (ms)		
1	OFFER/KIT RING		2.5	1.5	3	32	1.81	42.26	0.17	36	450	✓	N/A		
2	SOCKET UP/DOWN		2.5	1.5	3	32	0.98	69.39	0.33	30	450	✓	N/A		
3	TOILET WATER HT		2.5	1.5	16	16					450	✓	N/A		
4	TOILET DRY		2.5	1.5	16	16					450	✓	N/A		
5	TOILET + OFFICE LIGHT		1.5	1.5	6	6					450	✓	N/A		
6	ROOF LIGHTS		1.5	1.5	6	6					450	✓	N/A		
7	ROOF LIGHTS		1.5	1.5	6	6					450	✓	N/A		
8	ROOF LIGHTS		1.5	1.5	6	6					450	✓	N/A		
9	ROOF LIGHTS		1.5	1.5	6	6					450	✓	N/A		
10	ROOF LIGHTS		1.5	1.5	6	6					450	✓	N/A		
11	ROOF LIGHTS		1.5	1.5	6	6					450	✓	N/A		
12	ROOF LIGHTS		1.5	1.5	6	6					450	✓	N/A		
13	ROOF LIGHTS		1.5	1.5	6	6					450	✓	N/A		
14	ROOF LIGHTS		1.5	1.5	6	6					450	✓	N/A		

† Insert Reference Method (see Table A42 from BS 7671 Appendix 4)

*30mA RCDs only

Code for Wiring Type	A	B	C	D	E	F	G	H	O (Other - please specify)
	PVC/PVC	PVC in Metal Conduit	PVC in Plastic Conduit	PVC in Metal Trunking	PVC in Plastic Trunking	PVC/SWA	XLPE/SWA	Mineral Insulated	

TEST INSTRUMENTS USED

Manufacturer	Type	Serial No.	Date Accuracy Verified	Manufacturer	Type	Serial No.	Date Accuracy Verified	Manufacturer	Type	Serial No.	Date Accuracy Verified
Calverley	WIT172080122102	10.2.22									

Tactel h/w NAME / CAPITAL

Signature

Date 19.3.22

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