

WEBSTER THOMAS ELECTRICAL LTD

Electrical Contracting Engineers

UNIT 7, CASTLE VIEW BUSINESS ESTATE, GAS HOUSE ROAD, ROCHESTER, KENT. ME11PB Tel: 01634 818074

This report is not valid if the serial 106181 number has been defaced or altered

IPR18

ELECTRICAL INSTALLATION CONDITION REPORT

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

DETAILS OF THE CONTRACTOR	ATION		
DETAILS OF THE CONTRACTOR	DETAILS OF THE CLIENT	DETAILS OF THE	INSTALLATION
Registration No: 026620 Branch No:	Contractor Reference Number (CRN):	Occupier:	
Trading Title: WEBSTER THOMAS ELECTRICAL LTD	Name: St Dunstans OPCo Ltd	Address:	
Address: UNIT 7, CASTLE VIEW BUSINESS ESTATE, GAS HOUSE ROAD ,	Address: 20 St Dunstans Hill, London		
ROCHESTER, KENT			
Postcode: ME1 1PH Tel No: 01634 818074	Postcode: EC3R 8HL Tel No:	Postcode:	Tel No:
PART 2 : PURPOSE OF THE REPORT			
Purpose for which this report is required:			(see additional page No. <u>N/A</u>)
CLIENT REQUEST 5 YEAR CONDITION REPORT			
Date(s) when inspection and testing was carried out: (20/01/2019 - 12/01/2019) Records available: (Yes	Previous inspection report availa	ble: (Yes) Previous report date: (03/09/2015.)
PART 3 : SUMMARY OF THE CONDITION OF THE INSTALLATIO	N		
General condition of the installation (in terms of electrical safety):			(see additional page No. <u>N/A</u>)
GOOD CONDITION			
Estimated age of electrical installation: (5) years Evidence	e of additions or alterations: (<u>Yes</u>)	Overall assessment of the installation is:	Satisfactory
PART 4 : DECLARATION			
INSPECTION AND TESTING			
I, being the person responsible for the inspection and testing of the electrica	I installation, particulars of which are described i	n PART 7, having exercised reasonable skill and o	care when carrying out the inspection and testing of the
existing installation, hereby CERTIFY that the information in this report, includir stated extent of the installation and the limitations on the inspection and testin		dules, provides an accurate assessment of the con	dition of the electrical installation taking into account the
		Date: 12/0	11/2019
I REVIEWED BY THE REGISTERED QUALIFIED SUPERVISUR FUR	THE APPROVED CONTRACTOR	2	
Name (capitals): OWEN THOMAS	Signature:	Date: 07/0	13/2019
	5		
PART 4 : DECLARATION INSPECTION AND TESTING I, being the person responsible for the inspection and testing of the electrica	Il installation, particulars of which are described in ng the observations (page 2) and the attached scher g. Signature:	dules, provides an accurate assessment of the com	care when carrying out the inspection and testing of the Idition of the electrical installation taking into account the

© Copyright Certsure LLP (July 2018)



Electrical Contracting Engineers

UNIT 7, CASTLE VIEW BUSINESS ESTATE, GAS HOUSE ROAD, ROCHESTER, KENT. ME11PB Tel: $01634\;818074$

This report is not valid if the serial number has been defaced or altered **106181**

IPR18

ELECTRICAL INSTALLATION CONDITION REPORT

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

PART 5 : NEXT INSPECTION		
	years*	
Give reason for recommendation: INSTALLATION IS OVERAL GOOD CONDITION		(see additional page No. <u>N/A</u>)
PART 6 : OBSERVATIONS AND RECOMMENDATIONS FOR ACTIONS TO BE TAKEN		
CODES: One of the following Codes, as appropriate, has been allocated to each of the observations made below to indicate to the person(s) responsible for the electrical installation the degree of urgency for remedial action CODE C1 'Danger Present' Risk of injury. Immediate remedial action required CODE C2 'Potentially Dangerous' Urgent remedial action required CODE C3		CODE FI 'Further Investigation Required'
Referring to the Schedule of Items Inspected (see PART 10), the attached Schedule of Circuit Details and Test Results (see PART 12), and subject to any agreed limitations listed in PART 7: There are no items adversely affecting electrical safety , OR The following observations and recommendations for action are made:		
Item No Observation(s)	Code	Location Reference
Absence of RCD protection for a socket-outlet that is unlikely to supply portable or mobile equipment for use outdoors, does not serve a location containing a bath or shower, and the use of which is otherwise not considered by the inspector to result in potential danger. (Note: Code C2 would apply if the circuit supplied a socket-outlet in a	C3	COMMS ROOM
2 Absence of RCD protection for cables installed at a depth of less than 50 mm from a surface of a wall or partition where the cables do not incorporate an earthed metallic covering, are not enclosed in earthed metalwork, or are not mechanically protected against penetration by nails and the like	C3	VARIOUS LOCATIONS
Additional pages? (N/A) State page numbers: (N/A) Immediate action required for items: (١
Urgent remedial action required for items: () Further investigation required for items: (
*The proposed date for the next inspection should take into consideration any legislative or licensing requirements and the frequency and quality of maintenance that the installation can reasonably be expected to receive	ivo durina ite ir	tondad lifa

*The proposed date for the next inspection should take into consideration any legislative or licensing requirements and the frequency and quality of maintenance that the installation can reasonably be expected to receive during its intended The period should be agreed between relevant parties.

Page 2 of 29



Electrical Contracting Engineers

UNIT 7, CASTLE VIEW BUSINESS ESTATE, GAS HOUSE ROAD, ROCHESTER, KENT. ME11PB Tel: 01634 818074

This report is not valid if the serial number has been defaced or altered **106181**

IPR18

ELECTRICAL INSTALLATION CONDITION REPORT

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

PART 7 : DETAILS AND LIMITATIONS	OF THE INSPECTION AND TES	STING							
The inspection and testing has been carried ou generally within the fabric of the building or un Details of the installation covered by this repo	derground, have not been visually insp						rs, in inaccess	ible roof spaces	and
LAND LORD AREA'S								(see additio	onal page No. <u>N/A</u>)
Agreed limitations including the reasons, if an CIRCUITS UNABLED TO TRACE COMMS COMMANDO SOCKETS COULD NOT E NO ACCESS TO PRIMARY PROTECTIVE DEVICE	BE DEAD TESTED DUE TO SYSTEM NOT	OT ALOWED) TO BE TURNED OFF, LIVE 1	FEST ONLY.		Agreed with	(print name):	(see additio	onal page No. <u>N/A</u>)
Extent of sampling: 20% OF THE CIRCUIT ACCI Operational limitations including the reasons:	ESSORIES TESTED UNLESS A DEDICAT								onal page No. <u>N/A)</u> onal page No. <u>N/A</u>)
PART 8 : SUPPLY CHARACTERISTICS	AND EARTHING ARRANGEME	ENTS							
System type and earthing arrangements TN-C-S: TN-S: Other (state): Supply protective device (BS (EN) 88 Fuse HRC) Type: (gG	Π:	AC DC	pe of live conductors 1-phase, 2-wire: 3-phase, 3-wire: 2-wire: 3-phase, 3-wire: 6 supply polarity: of supply: (as detailed on attack)		: 🗹) (LIM)	Nature of supply parameters Nominal line voltage, $U^{(1)}$: Nominal line voltage to Earth, Nominal frequency, $f^{(1)}$: Prospective fault current, $f_{pf}^{(1)}$ External loop impedance, Z_{θ}	l)* <u>.</u>	(400) V (230) V (50) Hz (3.9) kA (0.13) Ω	⁽¹⁾ By enquiry, measurement, or by calculation
PART 9 : PARTICULARS OF INSTALLA	TION REFERRED TO IN THIS CE	ERTIFICA	ATE						
Means of EarthingDistributor's facility:(\scalar)Installation earth electrode:()	Main protective conductors Earthing conductor: (material <u>Copper</u> csa <u>300</u>)0mm²)	Main protective bonding c Water installation pipes: Gas installation pipes: Structural steel:	connections () () ()	Main switch / Type: Location: No. of poles:	Switch-fuse / Circuit-breaker / (BS (EN) <u>BS EN 60947-2</u> (ting of device:)) ()A
Where an earth electrode is used insert Type - rod(s), tape, etc: () Location: ()	Connection / continuity verified: Main protective bonding conductors:	s:	Oil installation pipes: Lightning protection: Other <i>(state)</i> :	() (~)	Current rating	·······	Voltage rati	0	(<u>600</u>) V
Electrode resistance to Earth: () Ω	(material <u>Copper</u> csa <u>50</u> Connection / continuity verified:)mm²) 🗹				idual operating current, / _{&n} : erating time: () ms	Rated time	delay:	() mA () ms

*Where the installation is supplied by more than one source, the higher or highest values of prospective fault current, Ipf, and external earth fault loop impedance, Ze, must be recorded.

All fields must be completed. Enter either, as appropriate: ' y' if Acceptable condition; 'N/A' if Not applicable;

'LIM' if a Limitation exists; or Code appropriately - CODE 'C1', 'C2', 'C3' or 'FI' (codes to be recorded in PART 6, with additional comments (where appropriate) on attached

numbered sheets)



Electrical Contracting Engineers

UNIT 7, CASTLE VIEW BUSINESS ESTATE, GAS HOUSE ROAD, ROCHESTER, KENT. ME11PB Tel: 01634 818074

This report is not valid if the serial number has been defaced or altered

ELECTRICAL INSTALLATION CONDITION REPORT

106181

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

PART 10 : SCHEDULE OF ITEMS INSPECTED

1. External condition of electrical intake equipment (visual inspection on	4. Other methods of protection (N/A) 5.24 Single-pole switching or protective devices in line conductors only: (\checkmark
(If inadequacies are identified with the intake equipment, it is recommended the pers ordering the report informs the appropriate authority.)	Details should be provided on separate sheets: Page No. (5.25 Protection against mechanical damage where cables
1.1 Service cable: (LIM) 1.2 Service head: (LII 1.3 Earthing arrangement: (LIM) 1.4 Meter tails: (LII	5. Distribution equipment 5.1 Adequacy of working space / accessibility of equipment: (✓	5.26 Protection against electromagnetic effects where cables
1.5 Metering equipment: (LIM) 1.6 Isolator (where present): (LI	5.2 Security of fixing: (<	6. Distribution / final circuits
2. Presence of adequate arrangements for parallel or switched alternative sources 2.1 Adequate arrangements where a generating set operates	5.4 Adequacy / security of barriers: (N/A 5.5 Condition of enclosure(s) in terms of IP rating: (' 6.1 Identification of conductors: (\ ' 6.2 Cables correctly supported throughout their length: (\ ' 6.3 Condition of insulation of live parts: (\
as a switched alternative to the public supply: (LII 2.2 Adequate arrangements where generating set operates in parallel with the public supply: (LII	5.6 Condition of enclosure(s) in terms of fire rating: (✓ 5.7 Enclosure not damaged / deteriorated so as to impair safety: (✓ 5.8 Presence and effectiveness of obstacles: (N/A) 6.4 Non-sheathed cables protected by enclosures in conduit, ducting or trunking:
2.3 Presence of alternative / additional supply arrangement warning notice(s) at or near equipment, where required:	5.9 Presence of main switch(es), linked where required: (✓ 5.10 Operation of main switch(es) (functional check): (✓	 (including flexible conduit): 6.6 Cables correctly terminated in enclosures
 3. Automatic disconnection of supply 3.1 Main earthing and bonding arrangements a) Presence and condition of distributor's earthing arrangement: (5.11 Correct identification of circuit protective devices:(5.12 Adequacy of protective devices for prospective fault current:(6.7 Indication of SPD(s) continued functionality confirmed: (N/A
b) Presence and condition of earth electrode arrangement, if present: (N/ c) Adequacy of earthing conductor size: (~	5.13 RCD(s) provided for fault protection – includes RCBOs: (N/A 5.14 RCD(s) provided for additional protection – includes RCBOs: (✓ 5.15 RCD(s) provided for protection against fire – includes RCBOs: (N/A) connections to busbars are correctly located in terminals
 d) Adequacy of earthing conductor connections: e) Accessibility of earthing conductor connections: (5.16 Manual operation of circuit-breakers and RCDs to prove disconnection: 	 6.10 Examination of cables for signs of unacceptable thermal and mechanical damage / deterioration: 6.11 Adequacy of cables for current-carrying capacity with regard
f) Adequacy of main protective bonding conductor size(s): (🗸 g) Adequacy of main protective bonding conductor connections: (🗸	5.17 Confirmation that integral test button/switch causes RCD(s) to trip when operated (functional check)	to the type and nature of installation: (< 6.12 Adequacy of protective devices; type and rated current for
h) Accessibility of main protective bonding connections: (v	 5.18 Presence of RCD six-monthly retest notice at or near equipment, where required: 5.19 Presence of diagrams, charts or schedules at or near equipment, 	fault protection:
i) Accessibility and condition of other protective bonding connections: (~ j) Provision of earthing / bonding labels at all	5.20 Presence of non-standard (mixed) cable colour warning notices	protective devices:
appropriate locations: (~ 3.2 FELV	at or near equipment, where required: (N/A 5.21 Presence of next inspection recommendation label: (✓	and nature of installation and external influences:
a) Source providing at least simple separation: (N/ b) Plugs, socket-outlets and the like not interchangeable	5.22All other required labelling provided:(5.23Compatibility of protective device(s), base(s) and	6.16 Cables where exposed to direct sunlight, of a suitable type or adequately protected against solar radiation:
with those of other systems within the premises: (\checkmark	other components:) 6.17 Cables adequately protected against damage and abrasion: (\checkmark

All fields must be completed. Enter either, as appropriate: ' I Acceptable condition; 'N/A' if Not applicable; 'LIM' if a Limitation exists;

or Code appropriately - CODE 'C1', 'C2', 'C3' or 'FI' (codes to be recorded in PART 6, with additional comments (where appropriate) on attached

numbered sheets)

Page 4 of 29



WEBSTER THOMAS ELECTRICAL LTD

Electrical Contracting Engineers

UNIT 7, CASTLE VIEW BUSINESS ESTATE, GAS HOUSE ROAD, ROCHESTER, KENT. ME11PB Tel: 01634 818074

ELECTRICAL INSTALLATION CONDITION REPORT

106181

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

PART 10 : SCHEDULE OF ITEMS INSPECTED

6.18 Provision of additional protection by an RCD not exceeding 30 mA		^{6.26} Single-pole switching or protective devices in		8. Current-using equipment (permanently connected)
a) For all socket-outlets with a rated current not exceeding 32 A,		line conductors only:	(~)	8.1 Condition of equipment in terms of IP rating: (\checkmark)
unless exempt:	C3)	Adequacy of connections, including cpcs, within accessories		8.2 Equipment does not constitute a fire hazard: (\checkmark)
b) Supplies for mobile equipment with a rated current not		and to fixed and stationary equipment:	(🗸)	8.3 Enclosure not damaged / deteriorated so as to impair safety: (\checkmark)
exceeding 52 A for use outdoors.	N/A)	7. Isolation and switching 7.1 Isolators		8.4 Suitability for the environment and external influences: (\checkmark)
c) For cables concealed in walls / partitions at a depth of less than 50 mm:	C3)	a) Presence and condition of appropriate devices:	(~)	8.5 Security of fixing: (\checkmark)
		b) Acceptable location (local / remote):		8.6 Cable entry holes in ceiling above luminaires, sized or sealed
d) For cables concealed in walls / partitions containing metal parts regardless of depth: (C3)	· · · ·		so as to restrict the spread of fire: (N/A)
e) Circuits supplying luminaires within domestic		c) Capable of being secured in the OFF position:	(~)	List number and location of luminaires inspected on a separate page: Page No. ()
(Nousehold) premises:	N/A)	d) Correct operation verified:	(~)	on a separate page: Page No. () 8.7 Recessed luminaires (e.g. downlighters)
Note: Older installations designed prior to BS 7671: 2018 may not have been provided	ed	e) Clearly identified by position and / or durable markings:	(~)	
with RCDs for additional protection.		f) Warning label posted in situations where live parts cannot	(N/A)	a) Correct type of lamps fitted: (\checkmark)
6.19 Provision of fire barriers, sealing arrangements and protection		be isolated by the operation of a single device:	(N/A)	b) Installed to minimise build-up of heat: (\checkmark)
		7.2 Switching off for mechanical maintenance	()	c) No signs of overheating to surrounding building fabric: (\checkmark)
	~)	a) Presence and condition of appropriate devices:	(~)	d) No signs of overheating to conductors / terminations: (🗸)
	~)	b) Acceptable location:	(~)	9. List all special installations or locations covered by this report:
6.22 Termination of cables at enclosures (indicate extent of sampling in PART 7 of report)		c) Capable of being secured in the OFF position:	(~)	
	~)	d) Correct operation verified:	(~)	
	~ '	e) Clearly identified by position and / or durable marking(s):	(~)	
b) No basic insulation of a conductor, visible outside an enclosure:	~)	7.3 Emergency switching off / stopping		()
	~)	a) Presence and condition of appropriate devices:	(N/A)	Indicate if the relevant requirements of Part 7 are satisfied and append results
d) Adequacy of connection at point of entry to enclosure:	v)	b) Readily accessible for operation where danger might occur:	(N/A)	of inspection on a separate numbered page.
	\mathbf{v}	c) Correct operation verified:	(N/A)	SCHEDULE OF ITEMS INSPECTED BY
6.24 Condition of accessories including socket-outlets, switches		7.4 Functional switching		Name (capitals): GARY_BARDRICK
and joint boxes satisfactory:	~)	a) Presence and condition of appropriate devices:	(~)	
	~)	b) Correct operation (functionality) verified:	(~)	Signature: C Date: <u>12/01/2019</u>

PART 11 : SCHEDULES AND ADDITIONAL PAGES

Schedule of Inspections			Schedule of Circuit I Test Results for the i			Additional pages, inclus sheets for additional so	-	Special installations of <i>(indicated in item 9. ab</i>		Continuation sheets	
Page No(s): (4 & 5			Page No(s):	(6)	Page No(s):	()	Page No(s):	()	Page No(s):	(<u>N/A</u>)
				The pa	ges identified are	an essential part of this repo	rt (see Regulation 653.2).				

All fields must be completed. Enter either, as appropriate: ' y if Acceptable condition; 'N/A' if Not applicable; 'LIM' if a Limitation exists;

or Code appropriately - CODE 'C1', 'C2', 'C3' or 'FI' (codes to be recorded in PART 6, with additional comments (where appropriate) on attached numbered sheets)



Electrical Contracting Engineers

UNIT 7, CASTLE VIEW BUSINESS ESTATE, GAS HOUSE ROAD, ROCHESTER, KENT. ME11PB Tel: 01634 818074

This report is not valid if the serial number has been defaced or altered **106181**

IPR18

ELECTRICAL INSTALLATION CONDITION REPORT

PART	12 : SCHED	ULE OF CIRCUIT D	ETAILS	AND TE	ST RE	SULTS	C	lircuits/equipmen	nt vuln	erable	to dam	age wł	ien testii	ng:											
CODES	For Type of wiring	(A) Thermoplastic insulated / sheathed cables	(B) Therm	oplastic cables in ic conduit		nermoplastic cable on-metallic conduit	tsin (D) Thermoplastic cables in metallic trunking	(E) Th	hermoplas on-metallic	tic cables in c trunking	י (F) דו	nermoplastic	/ SWA cables	s (G)Therm	osetting / SV	/A cables (H) Mineral-ir	nsulated cal	bles (O)	other - state	AWA			
Circuit number	Ci	cuit description	Type of wiring (see Codes)	Reference Method (BS 7671) Number of points served		cuit		Protective			y	Operating a current, IAn D	Maximum permitted Zs for installed protective device*		Circuit final circuits sured end to		All ci (complet	e at least	Insula	ation resis		Polarity Max. measured earth Sfault loop impedance, Zs	RCD operating time	Tes butto	
			Type c (see (Reference (BS)	Live (mm²)	(mm²) (s)		BS (EN)	Type	(V) Rating	(Short-circuit (Scapacity	Obe (mA)	(Ω)	(Line) r1	(Neutral) rn	(cpc) r2	(R1+R2)	R ₂	Live / Live (MΩ)	Live / Earth (MΩ)	Test voltage DC (V)		(ms)	RCD A	AFDD
TP&N I	NCCB 1		0	E 1	300	300 5	LIM		LIM	LIM	LIM		LIM				LIM		LIM	LIM	LIM	✓ 0.07			
														Positi	ion: APE		ELECTRICIA	Ν							
		OARD (DB) DETAI in every case)	LJ	3 designatio cation of DE										ARY BA						12/01/2					
TO B	E COMPLET	ED ONLY IF THE D	B IS NO	OT CONN	ECTE	D DIRECT	LY TO	THE ORIGIN	OF TI	HE IN	STAL	LATIO	N				TES (ente	T INST r serial i	RUME number	NTS against	each ir	strument us			
Supply	to DB is from:	() Nom	ninal vo	oltage:	()V	No.	of phase	es: ()	Mult	i-functio				Continuity:	1		
Overc	urrent protecti	on device for the distri	bution ci	rcuit Type	: (BS El	N) F	Rating:	()A					·	17148 lation re:	sistance	e:) (Earth fault lo	on imned	ance:)
Assoc	iated RCD (if a	ny) Type: (BS EN					.) No	o. of poles: ()	⊠∆n	() m.	A Oper	ating tim	ie: () ms	() ()
Chara	cteristics at th	s DB Confirmation o	f supply	polarity: ()	Phase sec	luence	confirmed (wher	e appr			Zs	; ()Ω	77 () kA	Eartl (1 electro	de resi	stance:) (RCD:)
		e model forms shown in A			51500		~		0			rom BS	7671, state	e source:	()		Рале	6 of	29
	d by Certsure LLF House, Houghto	Certsure LLP n Hall Park, Houghton Reg	•		ELECSA	A brands	©	Copyright Certsure	LLP (J	uly 2018	5)												1 490		



Electrical Contracting Engineers

UNIT 7, CASTLE VIEW BUSINESS ESTATE, GAS HOUSE ROAD, ROCHESTER, KENT. ME11PB Tel: 01634 818074

This report is not valid if the serial number has been defaced or altered **106181**

IPR18

ELECTRICAL INSTALLATION CONDITION REPORT

PAR	T 12 : SCHEDULE OF CIRCUIT DE	TAILS AND TE	ST RESULTS	Circuits/equipme	ent vulnerab	le to dam	age when	esting:											
CODES	S For Type of wiring (A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables metallic trunking	in (E) Thermop	lastic cables ir allic trunking	ⁿ (F) Thermo	plastic / SWA cable	s (G)Therm	osetting / SV	/A cables	(H) Mineral-i	insulated ca	ibles (O)) other - state	9 AWA			
her	Circuit description	ing es) ethod 1) s served	Circuit conductor csa	Protecti	ive device		RCD mitted	*eo	Circuit	impedano	. ,	ircuits	Insul	ation resi	istance	ed earth dance, Zs	RCD operating time	Tes butto	
Circuit number		Type of wiring (see Codes) Reference Method (BS 7671) Number of points served	roundroto cesa Fine (BS 7671) Fine (BS 76721)	BS (EN)	Type	ۍ ۲	Operating current, ΙΔη Maximum permitted Zs for installed	brotective de (mea	(Neutral)		(complet one c	te at least olumn)	Live / Live	Live / Earth	Test voltage DC	Polarity Max. measured earth B ^a ult loop impedance, Zs		RCD A	AFDD
TP&N	MCCB 2	0 F 1	(mm ²) (mm ²) (s) 300 300 5 I	-IM	LIM LIM		(mA) (! LIV	<u>Ω) r₁</u>	rn	ľ2	(R₁+R₂) LIM	R₂	(MΩ) LIM	(MΩ) LIM	(∨) LIM	(<u>①)</u> (①)	(ms)		_
	FRIBUTION BOARD (DB) DETAII e completed in every case)	.S DB designation Location of D	on: MCCB 2 SUPPLY B:	······	TESTED B		ne (capitals nature: 🧹		RDRICK					ion: <u>AP</u> F : 12/01/2		ELECTRICI	AN		
	BE COMPLETED ONLY IF THE DE			TO THE ORIGIN	N OF THE I			_				T INST							
	ly to DB is from: (No. of phas	es: ()	ente		number			n <mark>strument u</mark> Continuity:	sed)		
	current protection device for the distrib	ution circuit Type) Ratin)A	F	•		(1012	217148) ()
	ciated RCD (if any) Type: (BS EN			No. of poles: (n ()perating tin	ne: ()ms	Insu (lation re	sistanc	e:) (Earth fault l	oop imped	ance:)
	acteristics at this DB Confirmation of)Ω) kA	Eart	h electro	ode resi	stance:) (RCD:)
Publishe	ort is based on the model forms shown in Ap ed by Certsure LLP Certsure LLP c k House, Houghton Hall Park, Houghton Regi	perates the NICEIC &		*Wł © Copyright Certsu	here figure is r ıre LLP (July 20		rom BS 7671,	state source:	()		Page	7 of 2	29



Electrical Contracting Engineers

UNIT 7, CASTLE VIEW BUSINESS ESTATE, GAS HOUSE ROAD, ROCHESTER, KENT. ME11PB Tel: 01634 818074

This report is not valid if the serial number has been defaced or altered **106181**

IPR18

ELECTRICAL INSTALLATION CONDITION REPORT

PAR	T 12 : SCHEDU	LE OF CIRCUIT D	ETAIL	S ANI) TES	ST RE	SULTS		Circuits/equipmer	nt vuln	erable	to dama	age wl	nen testir	ng:											
CODES	S For Type of wiring	A) Thermoplastic insulated / sheathed cables	(B) Ther	moplastic c allic conduit	ables in	(C) Th	ermoplastic cable n-metallic condui	tsin (D) Thermoplastic cables in metallic trunking	(E) TI	hermoplast on-metallic	tic cables in trunking	(F) ⊺	hermoplastic /	/ SWA cables	(G) ^{Thermo}	osetting / SV	/A cables	(H) Mineral-	insulated ca	ables (O) other - state	AWA			
ber	Circu	t description	(s	ethod)	s served	Circ conduc			Protective	e device)		RCD	nitted led vice*	Ping f		mpedano	. ,	ircuits	Insu	lation res	istance	d earth ance, Zs	RCD operating time	Tes buttor	
Circuit number			Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Live	Max. disconnection		BS (EN)	Type		 Short-circuit capacity 	Coperating current, I∆	Maximum permitted Zs for installed protective device*	(meas	inal circuits ured end to (Neutral)	end) (cpc)	(comple one c	rcuits te at least olumn) R2	Live / Live	Earth	Test voltage DC	Polarity Max. measured earth Ôfault loop impedance, Zs	ume	RCD A	\FDD
TP&N	МССВ 3		0	E	1		(mm ²) (s) 300 5	LIM		LIM	(A) LIM	LIM	(mA)	(Ω) LIM	ľ1	rn	ľ2	(R₁+R₂) LIM	H2	(MΩ) LIM	(MΩ) LIM	(∨) LIM	(<u>Ω</u>)	(ms)		
	FRIBUTION BO e completed i	ARD (DB) DETAI 1 every case)	LU				B 3 SUPPL N SUB-STA			ESTE	DBY			itals): <u>G</u> A	~	RDRICK					tion: <u>AP</u> :: <u>12/01/</u>		ELECTRIC	IAN		
TO E	BE COMPLETE	ONLY IF THE D	B IS N	IOT CO)NNI	ECTEI) DIRECT	LYT	O THE ORIGIN	OF T	HE IN	STALI	LATIC	N					T INST			t each i	nstrument	(hasu		
Suppl	ly to DB is from:() Nor	ninal v	oltage:	()V	No.	of phase	s: ()	Mul	ti-functio		ayanis		Continuity			
Overo	current protection	device for the distri	bution c	circuit	Туре:	(BS El	۱) I	Rating:	() A (·	217148 Ilation re	esistanc	e:) (Earth fault	loop imped	ance:)
Asso	ciated RCD (if any	Type: (BS EN						<u>)</u> N	lo. of poles: ()	₫∆n	() m	A Opera	ating tim	e: () ms	(h electro) (RCD:)
Chara	acteristics at this	DB Confirmation o	of supply	/ polarit	y: (Ye	<u>es</u>)	Phase sec	quenc	e confirmed (wher	re appi	ropriate	e): 🔲	Zs	ς (<u></u>)Ω	77 () kA				istance:) (ncD.)
		odel forms shown in A								0			om BS	7671, state	, e source:	()		Page	8 of 2	29
	ed by Certsure LLP k House, Houghton H	Certsure LLP Iall Park, Houghton Reg				ELECSA	brands	(© Copyright Certsure	e llp (J	uly 2018	5)														



WEBSTER THOMAS ELECTRICAL LTD

Electrical Contracting Engineers

unit 7, castle view business estate, gas house road, rochester, kent. Me11PB Tel: 01634 818074

This report is not valid if the serial number has been defaced or altered **106181**

IPR18

ELECTRICAL INSTALLATION CONDITION REPORT

PAR	T 12 : SCHEDULE OF CIRCUIT DET	S	Circuits/equipme	ent vulne	ərable	e to dam	nage w	hen testi	ng:																	
CODE	S For Type of wiring (A) Thermoplastic insulated / (E sheathed cables	3) Therr meta	noplastic Ilic condui	cables in it	(C) 1	l'hermoplasti non-metallic	c cables in conduit	n (D) Thermoplastic cables metallic trunking	in (E) Th	iermopla on-metall	stic cables i lic trunking	ⁱⁿ (F)	Thermoplastic	: / SWA cables	G)Therm	osetting / SV	VA cables	(H) Mineral-i	nsulated ca	ables (O) other - state	3				
ber	Circuit description	ing s)	ethod)	s served		ircuit ictor csa	action 71)	Protecti	ive device			RCD	mitted lled vice*	Ping f	Circuit	impedano	. ,	ircuits	Insul	lation resi	istance		d earth ance, Zs	RCD operating time		est tons
Circuit number		Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served			Max. disconnection time (BS 7671)	BS (EN)	Type	Rating	Short-circuit capacity	Operating current, 12	Maximum permitted Zs for installed protective device*	(meas	ured end t	o end)	(comple	te at least olumn)	Live / Live	Live / Earth	Test voltage DC	Polarity	Max. measured earth		DOD	AFDD
			1	Nur	Live (mm ²		∠ (s)			(A)	ഗ (kA)	(mA)	≥ — (Ω)	(Line) r1	(Neutral) rn	(cpc) r₂	(R₁+R₂)	R₂	(MΩ)	(MΩ)	(V)		Ωj ⊆	(ms)	RCD	AFUU
1TP	HEATER 1 - RECEPTION	G	В	1	25	SWA 5		60947-2 MCCB		63	50	N/A	0.36				0.09		>200	>200	500	\checkmark	0.18			
2TP		G	В	1	120	35 5		60947-2 MCCB		250	50		0.146				0.01		>200		500		0.10			
3TP	DBMECH/2 - ROOF	G	В	1	120	35 E		60947-2 MCCB		250	50		0.53				0.02		>200		500	\checkmark	0.11			
4TP	DB/MECH/3 - ROOF	G	В	1	120	35 5		60947-2 MCCB		250	50	N/A	0.53				0.02		>200	>200	500	\checkmark	0.11			
5TP	SURGE PROTECTION	D	В	1	16	5	i i	60947-2 MCCB		80	50	N/A	0.28													
6TP	SPARE																									
7TP	SPARE																									
8TP	SPARE																			<u> </u>			<u> </u>			
9TP	LIFT 1 SECONDARY	0	В	1	10	SWA 5		60947-2 MCCB		32	50		0.42				0.20		>200	>200	500		0.28	ļ'		
10TP	RECEPTION HEATER 2	G	В	1	25	SWA 5	i I	60947-2 MCCB		63	50		0.36				0.08		>200	>200	500	\checkmark	0.19	ļ'		\square
11TP	SPARE									\vdash												\vdash	<u> </u>	ļ'		\square
(to l	DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case) DB designation: MCCB 1 Location of DB: SWITCH ROOM -EAST TESTED BY Signature: Name (capitals): GARY BARDRICK Signature: Position: APPROVED ELECTRICIAN Date: 12/01/2019																									
TO	BE COMPLETED ONLY IF THE DB											LATI						T INST er serial			st each ir	nstru	ment us	ed)		
Supp	ly to DB is from: (UKPN SUB-STATION) No	ominal vo	oltage	: (<u>3</u>)V	No.	of phase	s: (<u>400</u>)		ti-functio	on:	-		Cont	tinuity:			
Over	current protection device for the distribut	ion c	ircuit	Type	(BS E	N) F	Rating	ı: (<u>600</u>)A	L L					217148 Ilation re	sistanc	.e.) (Farth	n fault le	oop imped	ance.)
Asso	ciated RCD (if any) Type: (BS EN)	No. of poles: ()	/ 1 \.	, () n	nA Oper	ating tim	e: () ms) (()
Char	acteristics at this DB Confirmation of s	upply	polari	ty: (Ye	es)	Phase	e seque	ence confirmed (whe	ere appr	opria	te): 🔽] 2	_{7.s} (0.07)Ω	っ の (<u>5.22</u>) kA		h electro	de resi	istance:) (RCD: ()
	port is based on the model forms shown in Appe ed by Certsure LLP Certsure LLP ope				ELECS	A brands		*Wł © Copyright Certsu	0			rom BS	7671, stat	e source:	(SCHNEI	DER ELEC	TRIC (DE	TERMINE	D BY SET	ITINGS C	<u>)N_</u>)			Page	9 of	29



WEBSTER THOMAS ELECTRICAL LTD

Electrical Contracting Engineers

UNIT 7, CASTLE VIEW BUSINESS ESTATE, GAS HOUSE ROAD, ROCHESTER, KENT. ME11PB Tel: 01634 818074

This report is not valid if the serial number has been defaced or altered **106181**

IPR18

ELECTRICAL INSTALLATION CONDITION REPORT

PAR	T 12 : SCHEDULE OF CIRCUIT DET	S	Circuits/equipme	nt vulne	erable	to dam	age w	hen testi	ng:																	
CODE	5 For Type of wiring (A) Thermoplastic insulated / (E sheathed cables	3) Therm metall	noplastic ca lic conduit	ibles in		ermoplast n-metallic	ic cables in conduit	(D) Thermoplastic cables in metallic trunking	(E) Th	ermoplas n-metallio	tic cables i c trunking	n (F) 1	hermoplastic	/ SWA cables	(G) ^{Therm}	osetting / SV	VA cables (H) Mineral-i	nsulated cal	bles (O)	other - state	FP60	DO SWA			
Ē	Circuit description	₿.	thod	served		cuit tor csa	ction	Protectiv	e device			RCD				impedanc			Insula	ation resi	stance		l earth ince, Zs	RCD operating	Te butte	
Circuit number		Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served			Max. disconnection time (BS 7671)	BS (EN)	Type	Rating	Short-circuit capacity	Operating current, I∆n	Maximum permitted Zs for installed protective device*	(measu	inal circuits ured end to	o end)	All cir (complete one co	e at least	Live / Live	Live / Earth	Test voltage DC	Polarity	Max. measured earth ult loop impedance, Zs	time	202	4500
			Ľ.	Nun (Live (mm²)	cpc (mm²)	(s)			(A)	の (kA)	(mA)	Σ <u></u>	(Line) r1	(Neutral) rn	(cpc) r₂	(R₁+R₂)	R₂	(MΩ)	(MΩ)	(V)		D Ωfault	(ms)	RCD	AFDD
1TP	LIFT NO 1 PRIMARY SUPPLY	-	В			SWA		60947-2 MCCB		32	50	N/A	0.46				0.19		>200	>200	500	\checkmark	0.28			
2TP	LIFT NO 2 (UNTRACABLE)		В			SWA		60947-2 MCCB		32	50	N/A	0.46				LIM			LIM	LIM		LIM			
3TP	LIFT NO 3 (UNTRACABLE)	-	В			SWA		60947-2 MCCB		32	50	N/A	0.46				LIM			LIM	LIM		LIM			
	DB/W/LT/B, DB/W/SP/B		В			16		60947-2 MCCB		100	50	N/A	0.23				0.01			>200	500		0.09			
5TP	DB ANNEX 1	G	В	12	25	16	56	60947-2 MCCB		100	50	N/A	0.23				0.01		>200	>200	500	\checkmark	0.09			
	SPARE																									
	DB/LT/ROOF, DB/SP/ROOF	G	В	13		SWA		60947-2 MCCB		100	50	N/A	0.23				0.02		>200	>200	500		0.11			
8TP	DB/LT/LG, DB/SP/LG	G	В	13		SWA		60947-2 MCCB		100	50	N/A	0.23				0.01		>200	>200	500	\checkmark	0.11			
9TP	SURGE PROTECTION	D	В	I 16 SWA 5 60947-2 MCCB 80 50 N/A 0.28																						
	SPARE																									
11TP	SPARE																									
12TP	SPARE																									
13TP	SPARE																									
14TP	SPARE																									
15TP	SPARE																									
16TP	SPARE																									
17TP	RISING BUSBAR WEST RISER	G	В	1 2	40	50	56	60947-2 MCCB		570	50		0.12				0.01		>200	>200	>200	\checkmark	0.09			
18TP	SPARE																					· ·				
	RIBUTION BOARD (DB) DETAILS e completed in every case)	,	3 desig cation				00M - V	NEST T	ESTE	D BY	Nar Sign	ne (cap nature:	oitals): <u>G</u>	ARY BAR	RDRICK					ion: <u>APF</u> <u>12/01/</u> 2	PROVED 2019	ELEC	TRICIA	N		
TOI	BE COMPLETED ONLY IF THE DB	IS NO	OT CO	NNE	CTEI	D DIR	ECTLY	(TO THE ORIGIN	OF TH	IE IN	STAL	LATIO	ON					FINST			t each iı		montuo	od)		
Supp	ly to DB is from: (UKPN SUB-STATION) Nor	ninal vo	ltage:	(400) V	No.	of phase:	s: (3)		i-functio		ayanıs			inuity:	cu/		ĺ
Over	current protection device for the distribut) A					(<u>1012</u>) (·····)
	ciated RCD (if any) Type: (BS EN											 ۱	A 0	otina tin-	o: /	- م	1 1	ation re	sistanc	e:) (Earth	i fault lo	op impeda	ance:	Ŋ
ASS0	cialeu nud (ii aliy) - Type: (BS EN)	140. 01 poles: ()	<u>/</u> 3∆.n	۱) m	A Uper	ating time	e. () ms		n electro	de resi	stance:		RCD:				
Char	acteristics at this DB Confirmation of s	upply	polarit	y: (Yes)	Phas	e seque	ence confirmed (whe	re appr	opriat	e): 🔽		s (<u>0.09</u>)Ω 🚑	7 (4.44) kA) ()
	ort is based on the model forms shown in Appe ed by Certsure LLP Certsure LLP op				LECSA	brands	3	*Whe © Copyright Certsur	0			rom BS	7671, stat	e source:	(SCHNEII	DER ELEC	TRIC (DET	ERMINE) BY SET	TINGS 0	<u>(N</u>)			Page	10 of	29



SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

WEBSTER THOMAS ELECTRICAL LTD Electrical Contracting Engineers

UNIT 7, CASTLE VIEW BUSINESS ESTATE, GAS HOUSE ROAD, ROCHESTER, KENT. ME11PB Tel: 01634 818074 This continuation sheet is not valid if the serial number is not the same as the corresponding report.

IPR18

CONTINUATION SHEET: ELECTRICAL INSTALLATION CONDITION REPORT

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

												-		•												
CO	DES For Type of wiring (A) Thermoplastic insulated / sheathed cables	(B) Ther	rmoplastic allic condu	cables in iit	(C) T	hermoplastic cal on-metallic cond	es in (D) Thermoplastic ca it metallic trunking	^{ables in} (E)) Ther non-	rmoplastic -metallic t	c cables in trunking	י (F) י	l fhermoplastic	/ SWA cables	(G) Therm	nosetting / S\	VA cables (H) Mineral-i	insulated cal	bles (O)	other - state	, Ebe	00 SWA			
e	Circuit description	٥	poq	served		ctor csa	Prot	tective dev	vice			RCD				impedan	. ,		Insula	ation resis	stance		earth nce, Zs	RCD operating	Tes butto	
Circuit number		Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served		Max. disconnection	ume (bs. /o/ BS (EN)		Type	Rating	Short-circuit capacity	Operating current, I∆n	Maximum permitted Zs for installed protective device*		inal circuit ured end to		(complet	rcuits te at least olumn)	Live / Live	Live / Earth	Test voltage	Polarity	Max. measured earth D ^f ault loop impedance, Zs	time		
U U		⊢ [–]	Ref	qur	Live	cpc Xa				£	Shoi		Max Zi pro	(Line)	(Neutral)	(cpc)			LIVE	Latur	DC		Max ult k		RCD	AFDD
				Ϊ	(mm ²)	(mm²) (s)			(A)	(kA)	(mA)		(Line) r1	rn	(CDC) ľ2	(R₁+R₂)	R₂	(MΩ)	(MΩ)	(V)		 (Ω)	(ms)		
16TP																			\square			\vdash				
17TP		G	В	1	240	50 5	60947-2 MCCB		5	570	50		0.12				0.01		>200	>200	>200	\checkmark	0.09			
18TP	P SPARE																									
DISTRIBUTION BOARD (DB) DETAILS DB designation: MCCB 2 TESTED BY Name (capitals): GARY BARDRICK Position: APPROVED ELECTRICIA													Ν													
) be completed in every case)			-			1 - WEST							~						: 12/01/2						
TO Su Ov As: Ch	TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION Supply to DB is from: (UKPN SUB-STATION														(ente Mult (1012 Insu (T INST er serial i functio 217148 lation re h electro	number on: esistance	ENTS r against e: stance:	t each ir) () () (Conti	inuity: n fault Ic	ed) op imped	ance:)		
Publi	report is based on the model forms shown in A ished by Certsure LLP Certsure LLF wick House, Houghton Hall Park, Houghton Re	operates	s the NI	CEIC &		A brands	© Copyright Cer		•			511 00									/			Page 11	of	29

Circuits/equipment vulnerable to damage when testing:



Electrical Contracting Engineers

UNIT 7, CASTLE VIEW BUSINESS ESTATE, GAS HOUSE ROAD, ROCHESTER, KENT. ME11PB Tel: 01634 818074

This report is not valid if the serial number has been defaced or altered **106181**

IPR18

ELECTRICAL INSTALLATION CONDITION REPORT

PAF	T 12 : SCHEDULE OF CIRCUIT DET	AILS	S ANI	D TES	ST RE	SULT	'S	Circuits/equipment	t vulne	erable	to dam	age wł	nen testi	ng:												
CODE	S For Type of wiring (A) Thermoplastic insulated / (E sheathed cables	3) Therm metall	noplastic c lic conduit	cables in t	(C) T	hermoplas on-metallio	tic cables in c conduit	(D) Thermoplastic cables in metallic trunking	(E) Th	ermoplast n-metallic	ic cables in trunking	י (F)⊺	hermoplastic	/ SWA cables	(G) ^{Thermo}	setting / SW	/A cables (H) Mineral-i	nsulated ca	bles (O)	other - state	•				
er	Circuit description	BL (a	thod	served		cuit ctor csa	ction 71)	Protective	device			RCD	nitted ed ice*			mpedanc	. ,		Insul	ation resi	stance		l earth ance, Zs	RCD operating	Te butt	
Circuit number		Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served			Max. disconnection time (BS 7671)	BS (EN)	Type	Rating	Short-circuit capacity	Operating current, I∆n	Maximum permitted Zs for installed protective device*	(measure	al circuits ed end to	end)	All cir (complete one co	e at least	Live / Live	Live / Earth	Test voltage DC	Polarity	Max. measured earth ult loop impedance, Zs	time		
			œ	Nun	Live (mm ²)	cpc (mm²)	≥ (s)			(A)	ත (kA)	(mA)	Σ <u></u>	(Line) (N r1	Neutral) rn	(cpc) r ₂	(R₁+R₂)	R₂	(MΩ)	(MΩ)	(V)		May D ^f ault I	(ms)	RCD	AFDD
1TP	SPARE																									
2L1	SPARE																									
2L2	SPARE																									
2L3	FIRE ALARM PANELS	0	В	2	4	4		60947-2 MCCB		32	50		0.46				0.22		>200	>200	500		0.31			
3TP	DW/W/COMMS/LG	G	В		25			60947-2 MCCB		100	50		0.23				0.06		>200		500	\checkmark	0.11			
4TP	DB/E/LT/B,DB/E/SP/B	G	F			SWA	5	60947-2 MCCB		100	50		0.23				0.01		>200	>200	500		0.13			
5TP	AHU-BASEMENT	G	F	1	35	16	5	60947-2 MCCB		100	50		0.23				0.01		>200	>200	500	\checkmark	0.09			
6TP	STP SURGE PROTECTION D B 1 16 5 60947-2 MCCB 80 80 0.28 Image: Constraint of the state of the s																									
7TP	YPARE SPARE Image: Constraint of the second																									
8TP	7TP SPARE Image: SPARE <td></td> <td></td>																									
9TP	TP SPARE I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I <td></td>																									
10TP	TP SPARE I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I <td></td>																									
11TP	IP SPARE I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I <td></td>																									
12TP	TP SPARE Image: Spare state s																									
(to	TRIBUTION BOARD (DB) DETAILS be completed in every case)	Lo	cation		: <u>SW</u>	ITCH R	00M E/	AST			Sign	ature:	20	ARY BARD	DRICK				Date:	12/01/2	PROVED 2019	ELEC	CTRICIA	N		
	BE COMPLETED ONLY IF THE DB	IS NO	OT CO	ONNI	ECTE	D DIR	ECTL	Y TO THE ORIGIN () Nomi				LATIC		of phases:	(400)	ente (ente	T INST r serial i i-functio	number		t each ir		ment us inuity:	ed)		
Over	current protection device for the distribut	tion ci	ircuit	Type:	(BS F	N 6094	17-2			Rating:)A					(<u>1012</u>	17148) ()
	-			. 1 8 9 1	,20 L		······		, · 、				A 0	- 4' 4'		\		ation re	sistanc	e:) (Earth	n fault lo	op imped	ance:	١
	ciated RCD (if any) Type: (BS EN JS TY)	No. of poles: ()	_	(ating time:)ms	Eartl	n electro	de resi	stance:		RCD:				'
Chai	acteristics at this DB Confirmation of s	upply	polarit	ty: (<u>Ye</u>	<u>s</u>)	Phas	se seque)Ω <i>pf</i>) kA	·) ()
Publisł	port is based on the model forms shown in Appe ed by Certsure LLP Certsure LLP op ck House, Houghton Hall Park, Houghton Regis,	erates	the NIC	CEIC &	ELECS	A brand	s	*Wher © Copyright Certsure	0			om BS	7671, stat	e source: (S	SCHNEID	ER ELEC	IRIC (DET	ERMINE) BY SET	TINGS 0	<u>N_</u>)			Page	12 of	29



Electrical Contracting Engineers

unit 7, castle view business estate, gas house road, rochester, kent. Me11PB Tel: 01634 818074

This report is not valid if the serial number has been defaced or altered **106181**

IPR18

ELECTRICAL INSTALLATION CONDITION REPORT

PAR	T 12 : SCHEDULE OF CIRCUIT DET	AILS	S ANI	D TES	ST RE	SUL	rs	C	ircuits/equipmer	nt vulno	erable	to dam	age wl	nen testi	ng:												
CODE	S For Type of wiring (A) Thermoplastic insulated / (E sheathed cables	3) Thern metal	noplastic c Ilic conduit	cables in t	(C) T	nermoplas on-metalli	stic cables i c conduit	in (D)	Thermoplastic cables in metallic trunking	(E) Th	nermoplast on-metallic	ic cables in trunking	n (F) ⊺	hermoplastic	/ SWA cables	(G)Therr	nosetting / SV	VA cables (H) Mineral-i	nsulated ca	bles (O)	other - state	9				
Der	Circuit description	bu (s	thod (served		cuit ctor csa	ction 71)		Protective	e device			RCD	nitted led vice*			impedan	. ,		Insul	ation resi	stance		d earth ance, Zs	RCD operating time		est tons
Circuit number		Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served			Max. disconnection time (BS 7671)		BS (EN)	Type	Rating	Short-circuit capacity	Operating current, I∆n	Maximum permitted Zs for installed protective device*		inal circuit ured end t		(complet	rcuits e at least olumn)	Live / Live	Live / Earth	Test voltage DC	Polarity	Max. measured earth $\widehat{\mathcal{O}}$ fault loop impedance, Zs	ume		
			ш	Num	Live (mm²)	cpc (mm²)	(s)				(A)	් (kA)	(mA)		(Line) r1	(Neutral) rn	(срс) Г2	(R₁+R₂)	R₂	(MΩ)	(MΩ)	(V)		Ωjanlt Ω	(ms)	RCD	AFDD
1TP	A/C UNIT 1	G	В	1	10	10	0.4	60898	MCB	С	32	10		0.68				0.05		>200	>200	500	\checkmark	0.11			
2TP	A/C UNIT 2	G	В	1	10		0.4		MCB	С	32	10		0.68				0.05		>200		500		0.11			
	A/C UNIT 3	G	В	1	10	10	0.4	60898	MCB	C	32	10		0.68				0.06		>200	>200	500	\checkmark	0.12			
4TP	SPARE																										
5TP	SPARE																										
6TP																											
	TP SPARE I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I <thi< th=""> I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I <thi< th=""> <thi< th=""> <thi< th=""> <thi< th=""></thi<></thi<></thi<></thi<></thi<>																										
	TP SPARE I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I </td <td></td>																										
7TP SPARE Image: space of the space																											
	YTP SPARE Image: Spare state Image: Spare Image: Sp															0.11											
11TP	TTP SPARE I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I <thi< th=""> I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I<!--</td--><td></td><td></td></thi<>																										
	A/C UNIT 7	G	В	1	10	10	0.4	60898	MCB	С	32	10		0.68				0.10		>200	>200	500		0.14			
	SPARE																										
14TP	SPARE																										
	SPARE																										
16TP	KWH METER	G	В	1	1	10	0.4	60898	MCB	В	2	10		21.85													
	FRIBUTION BOARD (DB) DETAILS be completed in every case)	,	B desig	-					R STORE	ESTE	D BY			itals): <u>G</u>		RDRICK				Date:	12/01/2	PROVED	ELEC	CTRICIA	N		
	BE COMPLETED ONLY IF THE DB	IS N	от со	ONN												10		ente (ente	T INST r serial	number	ENTS agains				ed)		
Supp	ly to DB is from: (MCCB 1) Norr	ninal vo	oltage:	(400)V	No.	of phase	s: (<u>3</u>)		ti-functio	on:		\ <i>\</i>	Cont	inuity:			,
	current protection device for the distribut										Rating:)A					·	17148 lation re	sistanc	e:) (Earth	n fault lo	op imped	ance:)
	ciated RCD (if any) Type: (BS EN acteristics at this DB Confirmation of s								. of poles: (<u></u>		_) ms) kA	Eart	h electro	ode resi	stance:) ()	RCD	:)
		арріў	Polali	Ly. 110	/	1 1143	se sequ)Ω [/
Publish	port is based on the model forms shown in Appe ed by Certsure LLP Certsure LLP op It House, Houghton Hall Park, Houghton Regis,	erates	the NIC	CEIC &	ELECS	A brand	ls	©	*Whe Copyright Certsure				rom BS	7671, stat	e source:	()			Page	13 of	29



WEBSTER THOMAS ELECTRICAL LTD

Electrical Contracting Engineers

UNIT 7, CASTLE VIEW BUSINESS ESTATE, GAS HOUSE ROAD, ROCHESTER, KENT. ME11PB Tel: 01634 818074

This report is not valid if the serial number has been defaced or altered **106181**

IPR18

ELECTRICAL INSTALLATION CONDITION REPORT

PAR	T 12 : SCHEDULE OF CIRCUIT DET	TAILS	S ANE) TEST	r RE	SULT	S	Circuits/equipment	tvulne	erable t	o dama	age wł	nen testi	ng:												
CODE	S For Type of wiring (A) Thermoplastic insulated / (E	3) Therm	noplastic c lic conduit	ables in ((C) Th	nermoplasti on-metallic	tic cables in conduit	(D) Thermoplastic cables in metallic trunking	(E) Th	ermoplastic n-metallic t	: cables in runking	(F) T	hermoplastic	/ SWA cables	(G)Thermo	osetting / SV	VA cables (H) Mineral-ir	nsulated cab	oles (O)	other - state	3				
mber	Circuit description			its served	Cire	cuit ctor csa		Protective				RCD ଜୁସ୍	rmitted alled evice*		inal circuits		All cir		Insula	ation resi	stance	~	ed earth dance, Zs	RCD operating time	Te butto	
Circuit number		Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served			Max. disconnection time (BS 7671)	BS (EN)	Type	Rating	Short-circuit capacity	Operating current, I∆n	Maximum permitted Zs for installed protective device*	,	ured end to	,	(complete one co		Live / Live	Live / Earth	Test voltage DC	Polarity	Max. measured earth Bault loop impedance, Zs		RCD	AFDD
				()	Live mm²)		(s)			(A)	(kA)	(mA)	(Ω)	(Line) rı	(Neutral) rn	(срс) г2	(R₁+R₂)	R₂	(MΩ)	(MΩ)	(V)			(ms)	NOD	
1TP	CONDENSER UNIT CU/01	G	E			4.0 E		0898 MCCB	С	-	10		0.55				0.06			>200	500		0.13			
2TP	CONDENSER UNIT CU/01	G	E			4.0 E		0898 MCCB	С		10		0.55				0.06			>200	500		0.13			
	CONDENSER UNIT CU/02	G	E			4.0 E		0898 MCCB	С		10		0.55				0.05				500		0.14			
4TP	CONDENSER UNIT CU/02	G	E			4.0 E		0898 MCCB	С		10		0.55				0.06				500		0.14			
5TP	CONDENSER UNIT CU/03	G	E			4.0 E		0898 MCCB	С		10		0.55				0.08				500		0.14			
6TP	CONDENSER UNIT CU/03	G	E			4.0 E		0898 MCCB	С	-	10		0.55				0.07			>200	500	•	0.13			
7TP	CONDENSER UNIT CU/04	G	E			4.0 E		0898 MCCB	С	-	10		0.55				0.07				500		0.13			
9L2 HEATER WC D B 1 4 4 0.4 60898 MCCB C 20 10 1.09 D.07 >200 >200 500 🗸 0.20																										
9L1 HEATER DIS WC D B 1 4 0.4 60898 MCCB C 20 1.09 0.07 >200 >200 500 ✓ 0.20 9L2 HEATER WC D B 1 4 0.4 60898 MCCB C 20 10 1.09 0.07 >200 >200 500 ✓ 0.20																										
9L1 HEATER DIS WC D B 1 4 0.4 60898 MCCB C 20 10 1.09 D D D D D D A 0.4 60898 MCCB C 20 10 1.09 D D D D D D A 0.4 60898 MCCB C 20 10 1.09 D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D <t< td=""><td></td><td></td></t<>																										
9L1 HEATER DIS WC D B 1 4 0.4 60898 MCCB C 20 1.09 0.07 >200 >200 500 ✓ 0.20 500 ✓ 0.20 500 ✓ 0.20 500 ✓ 0.20 500 ✓ 0.20 500 ✓ 0.20 500 ✓ 0.20 500 ✓ 0.20 500 ✓ 0.20 500 ✓ 0.20 500 ✓ 0.20 500 ✓ 0.20 500 ✓ 0.20 500 ✓ 0.20 500 ✓ 0.20 500 ✓ 0.20 500 ✓ 0.20 500 ✓ 0.20 500 ✓ 0.20 500 ✓ 0.20 500 ✓ 0.20 500 ✓ 0.20 500 ✓ 0.20 500 ✓ 0.20 500 ✓ 0.20 500 ✓ 0.20 500 ✓ 0.20 500 ✓ 0.20 500 ✓ 0.20 500 ✓ 0.20 500 ✓ 0.20 0.2																										
	W/HEATER WC	D	В	14				0898 MCCB	С		10		1.09				0.06				500		0.18			
10L2	AERIAL BOOSTER	G	В	14		4 (0898 MCCB	С	20	10		1.09				0.12			>200	500		0.24			
		D	В	24			-	0898 MCCB	С	20	10		1.09				0.08			>200	500		0.20			
11L1	SERVERY EXTRACT FAN (UNTRACEBLE)	D	В	12.		2.5 0	-	0898 MCCB	С	20	10		1.09				LIM			LIM	LIM		LIM			
11L2	WC EXTRACT FAN (UNTRACEBLE)	D	В	12.	.5	2.5 0	0.4 60	0898 MCCB	С	20	10		1.09				LIM		LIM	LIM	LIM	\checkmark	LIM			
11L3	WH + INSECT KILLER	D	В	22.	.5	2.5 0	-	0898 MCCB	С	20	10		1.09				0.06		>200	>200	500	\checkmark	0.17			
12TP	PREP ROOM OVEN	G	E	14		4 (0.4 60	0898 MCCB	C	20	10		1.09													
	PREP ROOM AC	G	E	14		4 (0.4 60	0898 MCCB	С	20	10		1.09				0.03		>200	>200	500	\checkmark	0.16			
13L2	SPARE																									
510		DE	A dosir	nation:		MECH/	' ?	TE	STE	n RV	Nam	olcan	itals): G/	ARV RAP	RUBICK				Positi	on APP		FLFC	TRICIA	N		
	TRIBUTION BOARD (DB) DETAILS be completed in every case)	,		of DB:			-							~						12/01/2						
<u> </u>	· · · ·		0 T 64														TEC	FINST		NTC						—
101	BE COMPLETED ONLY IF THE DB	IS N		JNNE	; I EI) DIK	ECILY	TO THE ORIGIN C)F II	1E INS	SIAL	LAIIU	JN					r serial r			t each ii	nstrur	ment us	ed)		
Supp	ly to DB is from: (MCCB 1) Nomi	nal vo	ltage:	(400) V	No.	of phase	s: (<u>3</u>)	Mult	i-functio		ugunio			inuity:	uu,		,
	current protection device for the distribut									lating:) A					·	17148 ation res	sistance	 D:) (Earth	ı fault lo	op impeda	ance:)
	ciated RCD (if any) Type: (BS EN												A Oper	ating tim	e: () ms		electro	de resis	stance:) (RCD:)
Char	acteristics at this DB Confirmation of s	upply	polarit	y: (Yes)	Phas	e seque	nce confirmed (where	e appr	opriate): 🔽	Zs	s (<u>0.11</u>)Ω _	7 (<u>2.77</u>) kA	() (·)
This rev	port is based on the model forms shown in Appe	endix 6	of BS 7	671				*Wher	e figur	e is not t	aken fr		7671, state	,)				ſ	=
	ed by Certsure LLP Certsure LLP ope				ECSA	A brands	s	© Copyright Certsure I	LLP (J	uly 2018)														Page	14 of	29



SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

WEBSTER THOMAS ELECTRICAL LTD

Electrical Contracting Engineers UNIT 7, CASTLE VIEW BUSINESS ESTATE, GAS HOUSE ROAD, ROCHESTER, KENT. ME11PB Tel: 01634 818074

This continuation sheet is not valid if the serial number is 106181 not the same as the corresponding report.

IPR18

CONTINUATION SHEET: ELECTRICAL INSTALLATION CONDITION REPORT

SCH	EDULE OF CIRCUIT DETAILS AN	ID TES	ST RE	SULI	rs			Circuits/equipmer	nt vulr	nerabl	e to dan	nage w	hen testi	ng:												
CODE	S For Type of wiring (A) Thermoplastic insulated / sheathed cables	(B) Therm	noplastic c Ilic conduit	cables in t	(C) T	hermopla on-metall	stic cables i ic conduit	in (D) Thermoplastic cables in metallic trunking	(E)	Thermopla non-metal	astic cables llic trunking	ⁱⁿ (F)	l hermoplastic	/ SWA cables	s (G) Therr	nosetting / S	WA cables	H) Mineral-i	insulated ca	ibles (O) other - stat	je				
er	Circuit description	BC (a	thod	served		rcuit ctor csa	ction 71)	Protective	e devic	e		RCD				impedan	. ,		Insul	lation resi	stance		l earth ance, Zs	RCD operating	Te butto	
Circuit number		Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served			Max. disconnection time (BS 7671)	BS (EN)	Tvbe	Rating	Short-circuit capacity	Operating current, IΔn	Maximum permitted Zs for installed protective device*		final circuit sured end t		(complet	rcuits te at least olumn)	Live / Live	Live / Earth	Test voltage DC	Polarity	Max. measured earth $\widehat{\mathcal{D}}$ fault loop impedance, Zs	time	 	
		ľ	Å	Numt	Live	cpc (mm²)	-	<u>۵</u>		(A)		(mA)		(Line)	(Neutral) rn	(срс) Г2	(R1+R2)	R₂	(MΩ)	(MΩ)	(V)		Ma	(ms)	RCD	AFDE
13L3	SPARE				(11111)	((5)			(^)		(11/~)	(52)	- 11		12	(111112)	112	(10152)	(11122)	(V)	1	(52)	(115)		
14L3	HEATED GANTRY	G	В	1	4	4	0.4	61009 RCD/RCBO	С	20	10	30	1.09													
15TP	COMBI OVEN	G	В	1	4	4		60898 MCCB	С	20	10		1.09				0.01		>200	>200	500	~	0.15			
16TP	KWH METER	D	В	1	1.5		0.4	60898 MCCB	С	2	10		10.93									\checkmark				
(to l	TRIBUTION BOARD (DB) DETAII be completed in every case)	Lo	B desig	n of DE	B: <u>ROC</u>)F					Sigi	nature:		ARY BAI	RDRICK				Date	: <u>12/01/</u>	PROVED 2019) ELE(CTRICIA	<u>N</u>		
Supp Over Asso	BE COMPLETED ONLY IF THE DE Ily to DB is from: (MCCB 1 current protection device for the distrib ciated RCD (if any) Type: (BS EN acteristics at this DB Confirmation of	oution c	ircuit	Туре:	: (BS E	N <u>609</u>	47-2)) Non No. of poles: (ninal v))	voltage Rating / <u>/</u> 10	e: (<u>400</u> g: (<u>250</u> 7 () V) A) m	No. A Oper	of phase rating tim))ms)kA	(ente Mul (1012 Insu (T INST er serial ti-functio 217148 Ilation re h electro	number on: esistanc	r agains :e:)	Cont (tinuity: h fault le	sed) oop imped	ance:)))
Publish	oort is based on the model forms shown in Ap ed by Certsure LLP Certsure LLP c sk House, Houghton Hall Park, Houghton Regi	operates	the NIC	CEIC &	ELECS	A branc	ls	*Whe © Copyright Certsure				rom BS	7671, stat	e source:	()			Page 15	5 of	29



Electrical Contracting Engineers

UNIT 7, CASTLE VIEW BUSINESS ESTATE, GAS HOUSE ROAD, ROCHESTER, KENT. ME11PB Tel: 01634 818074

This report is not valid if the serial number has been defaced or altered **106181**

IPR18

ELECTRICAL INSTALLATION CONDITION REPORT

PAR	T 12 : SCHEDULE OF CIRCUIT DET	FAILS	S ANE) TES	T RE	SULT	r s	Circuits/equipmen	nt vulne	erable	to dam	iage w	hen testi	ng:												
CODES	For Type of wiring (A) Thermoplastic insulated / (For Type of wiring sheathed cables	3) Therm metall	noplastic c lic conduit	ables in		nermoplas on-metallio	tic cables in c conduit	(D) Thermoplastic cables in metallic trunking	(E) Th	iermoplas on-metallic	tic cables i trunking	□ (F) [·]	'hermoplastic	/ SWA cables	(G)Therm	iosetting / SV	VA cables (-) Mineral-i	nsulated ca	bles (O	other - state)				
<u>م</u>	Circuit description		por	served		cuit ctor csa	tion 1)	Protective	e device			RCD	L		Circuit	impedan	ces (Ω)		Insul	ation resi	stance		earth nce, Zs	RCD operating	Tes butto	
Circuit number		Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served			Max. disconnection time (BS 7671)	BS (EN)	Type	Rating	Short-circuit capacity	Operating current, I∆n	Maximum permitted Zs for installed protective device*		nal circuit ured end t		All cir (complete one co	e at least	Live / Live	Live / Earth	Test voltage DC	Polarity	Max. measured earth ult loop impedance, Zs	time .		
			ž	Num	Live (mm²)	cpc (mm²)	ĭ≊ [⊥] (s)	ш		(A)	ເkA)	(mA)	Ω)	(Line) r1	(Neutral) rn	(cpc) r ₂	(R1+R₂)	R₂	(MΩ)	(MΩ)	(V)		Ωjault Ω	(ms)	RCD	AFDD
1TP	CONDENSER UNIT CU/00	G	F	1	6	4	5	60898 MCCB	С	40	10	N/A	0.55	(0.06				>200	>200	500		0.12			
2TP	CONDENSER UNIT CU/00	G	F	1	6	4	5	60898 MCCB	С	40	10	N/A	0.55	(D.06				>200	>200	500	\checkmark	0.13			
3TP	CONDENSER UNIT CU/05-01	G	F	1	6	4	5	60898 MCCB	С	40	10	N/A	0.55	(0.07				>200	>200	500	\checkmark	0.13			
4TP	CONDENSER UNIT CU/05-01	G	F	1	6	4	5	60898 MCCB	С	40	10	N/A	0.55		D.06				>200	>200	500	\checkmark	0.13			
5TP	CONDENSER UNIT CU/06	G	F	1	6	4	5	60898 MCCB	С	40	10	N/A	0.55		0.07				>200	>200	500	\checkmark	0.14			
6TP	STP CONDENSER UNIT CU/06 G F 1 6 4 5 60898 MCCB C 40 10 N/A 0.55 0.07 >200 500 ✓ 0.14																									
7TP	STP CONDENSER UNIT CU/06 G F 1 6 4 5 60898 MCCB C 40 10 N/A 0.55 0.07 >200 >200 >00 √ 0.14																									
	STP CONDENSER UNIT CU/06 G F 1 6 4 5 60898 MCCB C 40 10 N/A 0.55 0.07 >200 >200 500 ✓ 0.14 7 CONDENSER UNIT CU/LG G F 1 6 4 5 60898 MCCB C 40 10 N/A 0.55 0.07 >200 >200 500 ✓ 0.15 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 <td< td=""><td></td></td<>																									
9L1	7TP CONDENSER UNIT CU/LG G F 1 6 4 5 60898 MCCB C 40 10 N/A 0.55 0.07 >200 >200 500 ✓ 0.15 0 3TP CONDENSER UNIT CU/LG G F 1 6 4 5 60898 MCCB C 40 10 N/A 0.55 0.06 >200 >200 500 ✓ 0.15 0 0 0 0 0 0.06 >200 >200 500 ✓ 0.15 0 0 0 0 0.06 >200 >200 500 ✓ 0.15 0 0 0 0 0.06 >200 >200 500 ✓ 0.15 0 0 0 0 0 0.06 >200 >200 500 ✓ 0.15 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0																									
9L2	7TP CONDENSER UNIT CU/LG G F 1 6 4 5 60898 MCCB C 40 10 N/A 0.55 0.07 >200 >200 \$00 \$ 0.15 10 N/A 0.55 0.06 >200 >200 \$00 \$ 0.15 10 N/A 0.55 0.06 >200 >200 \$00 \$ 0.15 10 N/A 0.55 0.06 >200 >200 \$00 \$ 0.15 10 N/A 0.55 0.06 >200 >200 \$00 \$ 0.15 10 N/A 0.55 0.06 >200 >200 \$00 \$ 0.15 10 N/A 0.55 0.04 >200 >200 \$00 \$ 0.15 10 N/A 0.55 0.04 >200 \$00 \$ 0.15 \$ 0.15 \$ 0.15 \$ 0.15 \$ 0.15 \$ 0.15 \$																									
9L3	BATP CONDENSER UNIT CU/LG G F 1 6 4 5 60898 MCCB C 40 10 N/A 0.55 0.06 -200 >200 500 ✓ 0.15 .1 0 0 0 N/A 0.55 0.06 0 >200 >200 500 ✓ 0.15 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 <td></td>																									
	SPARE								+																	
	SPARE								-																	
	SPARE								+																	
	SPARE								+																	
	SPARE								+			+													$ \rightarrow $	
	SPARE								-																\rightarrow	
	KWA METER	D	В	1	1.5		0.4	60898 MCCB	С	2	10	N/A	10.93												\rightarrow	
		P	-		1.0				۲ ۲	F	10		10.00													
	RIBUTION BOARD (DB) DETAILS e completed in every case)		3 desig ocation				/3	Tł	ESTE	D BY			oitals): <u>G</u>	ARY BAR	IDRICK				Date:	12/01/	PROVED 2019	ELEC	CTRICIA	N		
	E COMPLETED ONLY IF THE DB	IS NO	OT CO															<mark>F INST</mark> r serial			t each iı	nstru	ment us	ed)		
Supp	y to DB is from: (MCCB 1) Nom	ninal vo	oltage:	(400)V	No.	of phases	s: (<u>3</u>)		i-functio	on:			Conti	inuity:			
Overa	urrent protection device for the distribu	tion ci	ircuit)A					(<u>1012</u>)	17148 ation re	eistano	0.) (Farth	n fault lo	op impeda	anco:)
Asso	iated RCD (if any) Type: (BS EN 60894	17-2)	No. of poles: ()	<u>∕</u> a <u>∆</u> n	() m	A Oper	ating time	ə: () ms	(-) (oh uuhend)
	cteristics at this DB Confirmation of s																L Eorth	n electro	ode resi	stance:) (RCD:)
<u> </u>	ort is based on the model forms shown in Appe													e source:)				٦	
Publish	ed by Certsure LLP Certsure LLP op k House, Houghton Hall Park, Houghton Regis,	erates	the NIC	EIC & E	ELECS	A brand	s	© Copyright Certsure	LLP (J	uly 2018	3)													Page	16 of	29



Electrical Contracting Engineers

UNIT 7, CASTLE VIEW BUSINESS ESTATE, GAS HOUSE ROAD, ROCHESTER, KENT. ME11PB Tel: 01634 818074

This report is not valid if the serial number has been defaced or altered **106181**

IPR18

ELECTRICAL INSTALLATION CONDITION REPORT

PAR	T 12 : SCHEDULE OF CIRCUIT DET	TAILS	S ANE) TES	ST RE	SUL	r s	Circuits/equipment	t vulne	erable	to dam	iage w	hen testii	ng:												
CODE	S For Type of wiring (A) Thermoplastic insulated / (E sheathed cables	3) Therm metal	noplastic c lic conduit	ables in		hermoplas on-metalli	tic cables in c conduit	n (D) Thermoplastic cables in metallic trunking	(E) Th	ermoplast n-metallic	tic cables i trunking	n (F)	Thermoplastic	/ SWA cables	s (G)Therm	osetting / SV	VA cables (-) Mineral-i	nsulated ca	bles (O)) other - state	; FP2/	00			
er	Circuit description	BL (9	thod	served		rcuit ctor csa	ction 71)	Protective	device			RCD	L			impedan	. ,		Insul	ation resi	stance		l earth ance, Zs	RCD operating	Te butt	
Circuit number		Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served			Max. disconnection time (BS 7671)	BS (EN)	Type	Rating	Short-circuit capacity	Operating current, I∆n	Maximum permitted Zs for installed protective device*		final circuits sured end to		All cir (complete one co	e at least	Live / Live	Live / Earth	Test voltage DC	Polarity	Max. measured earth ult loop impedance, Zs	time		
			æ	Num	Live (mm ²)	cpc (mm ²)	S (s)	ш —		(A)	ග් (kA)	(mA)	Ω)	(Line) r1	(Neutral) rn	(cpc)	(R₁+R₂)	R₂	(MΩ)	(MΩ)	(V)		Ωjault Ω	(ms)	RCD	AFDD
1L1	LIGHTING - RECEPTION DOWNLIGHTS	0	В	12	2.5			60898 MCB	C	6	10	N/A	3.64				1.36		LIM	>200	500	$\overline{\checkmark}$	0.91			
1L2	LIGHTING - RECEPTION OFFICE LCM	0	В	1	2.5	2.5	0.4	60898 MCB	C	10	10	N/A	2.18				0.25		>200	>200	500	$\overline{\checkmark}$	0.39			
1L3	LIGHTING - MEZZANINE WC LCM	0	В	1	2.5	2.5	0.4	61009 RCD/RCBO	C	10	10	30	2.18				0.09		>200	>200	500			28.7	\checkmark	
2L1	LIGHTING - LIFT LOBBY	0	В	9	2.5	2.5	0.4	60898 MCB	D	10	10	N/A	1.09				0.46		LIM	>200	500	\checkmark	0.62			
2L2	LIGHTING - BIKE STORE SHOWERS LCM	0	В	12	2.5	2.5	0.4	61009 RCD/RCBO	C	10	10	30	2.18				0.22		LIM	>200	500	\checkmark	0.35	28.6	\checkmark	
2L3	BL1 LIGHTING - RECEPTION DOWNLIGHTS 0 B 11 2.5 2.5 0.4 60898 MCB C 10 N/A 2.18 11.15 >200 >200 500 ✓ 1.28 0 0 BL2 LIGHTING - BARRASOL 0 B 2.5 2.5 0.4 60898 MCB C 10 N/A 2.18 0.40 >200 >200 500 ✓ 0.54 0.54 0.54 0.54 0.54 0.54 0.54 0.54 0.54 0.54 0.54 0.54 0.54 0.54 0.54 0.54 0.54 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55																									
3L1	BL1 LIGHTING - RECEPTION DOWNLIGHTS 0 B 11 2.5 0.4 60898 MCB C 10 N/A 2.18 1.15 >200 >200 500 ✓ 1.28 1 1.28 1 1.28 1 1.28 1.28 1 1.28 1.28 1 1.28 1 1.28 1.28 1 1.28 1 1.28 1 1.28 1 1.28 1 1.28 1 1.28 1 1.28 1 1.28 1 1.28 1 1.28 1 1.28 1 1.28 1 1.28 1 1.28 1 1.28 1 1.28 1 1.28 1 1.28 1 1.28 1 1.28 1 1.28 1 1.28 1 1.28 1 1.28 1 1 1.28 1 1 1.28 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1																									
3L2	31.1 LIGHTING - RECEPTION DOWNLIGHTS 0 B 11 2.5 2.5 0.4 60898 MCB C 10 N/A 2.18 1.15 >200 >200 500 ✓ 1.28 1 1.28 1.28 1.15 >200 >200 500 ✓ 1.28 1.28 1.15 1.15 >200 >200 500 ✓ 1.28 1.15 1.15 >200 >200 500 ✓ 1.28 1.15 1.15 1.15 >200 >200 500 ✓ 1.28 1.15 1.15 1.15 1.15 1.15 1.15 1.15 1.15 1.15 1.15 1.15 1.15 1.15 1.15 1.15 1.15 1.15 1.15 1.15 1.15 1.15 1.15 1.15 1.15 1.15 1.15 1.15 1.15 1.15 1.15 1.15 1.15 1.15 1.15 1.15 1.15 1.15 1.15 1.15 1.15 1.15 1.15 1.15 1.15 1.15 1.15 1.15 1.15 1.15 1.15 1.1																									
3L3	AL1 LIGHTING - RECEPTION DOWNLIGHTS 0 B 11 2.5 0.4 60898 MCB C 10 N/A 2.18 1.15 >200 >200 500 ✓ 1.28 1 1.28 1.28 1.15 >200 >200 500 ✓ 1.28 1.28 1.15 1.15 >200 >200 500 ✓ 1.28 1.15 1.15 1.15 1.15 1.15 1.15 1.15 1.15 1.15 1.15 1.15 1.15 1.15 1.15 1.15 1.15 1.15 1.15 1.15 1.15 1.15 1.15 1.15 1.15 1.15 1.15 1.15 1.15 1.15 1.15 1.15 1.15 1.15 1.15 1.15 1.15 1.15 1.15 1.15 1.15 1.15 1.15 1.15 1.15 1.15 1.15 1.15 1.15 1.15 1.15 1.15 1.15 1.15 1.15 1.15 1.15 1.15 1.15 1.15 1.15 1.15 1.15 1.15 1.15 1.15 1.15																									
4L1	31.3 LIGHTING - LED FLOOR LIGHTS 0 B 4 2.5 0.4 60898 MCB D 10 N/A 1.09 0.47 >200 >200 500 \$\$\$\$\$\$\$\$\$\$\$\$\$\$\$\$\$\$\$\$\$\$\$\$\$\$\$\$\$\$\$\$\$\$\$\$																									
4L2	BL2 LIGHTING - BARRASOL 0 B 2 2.5 2.5 0.4 60898 MCB C 10 N/A 2.18 0.40 >200 >200 500 ✓ 0.54 0.54 0.55 BL3 LIGHTING - LED FLOOR LIGHTS 0 B 4 2.5 2.5 0.4 60898 MCB D 10 N/A 1.09 0.47 >200 >200 500 ✓ 0.65 0.54 0.54 0.54 0.54 0.55 0.51 0.51 0.51 0.51 0.55 0.51 0.55 0.51 0.51 0.55 0.51 0.51 0.51 0.51 0.51 0.51 0.51 0.51 0.51 0.51 0.51 0.51 0.51 0.51 0.51 0.51 0.51 0.51 0.51 0.51 0.51 0.51 0.51 0.51 0.51 0.51 0.51 0.51 0.51 0.51 0.51 0.51 0.51 0.51 0.51 0.51 0.51 0.51 0.51 0.51 0.51 0.51 0.51 0.51 0.51																									
4L3	SPARE																			<u> </u>		F-				
5L1	SPARE																									
5L2	SPARE																				1					
5L3	SPARE																									
6TP	KWH METER	D	В	1	1.5		0.4	60898 MCB	C	2	10	N/A	10.93													
	FRIBUTION BOARD (DB) DETAILS	,	B desig				C N OFFIC		STEI	D BY			pitals): <u>GA</u>		RDRICK					ion: <u>APF</u> : <u>12/01/</u> 2	PROVED 2019	ELEC	CTRICIA	N		
T0	BE COMPLETED ONLY IF THE DB	IS N	OT CO)NNI	ECTE	D DIF	RECTLY	Y TO THE ORIGIN (OF TH	IE IN	STAL	LATI	DN					r INST			t each ir	nstru	ment us	ed)		
Supp	ly to DB is from: (<u>RISING BUSBAR TAP 0</u>	FF) Nomi	inal vo	oltage:	(<u>3</u>)V	No.	of phase	es: (<u>400</u>)	Mult	i-functio		agama			inuity:			
Over	current protection device for the distribut	tion c	ircuit	Туре:	(BS E	N <u>88</u>) F	Rating:	(<u>100</u>)A					(<u>1012</u>	17148 ation re	sistanc	o.) (Farth	n fault lo	op impeda	anco)
Asso	ciated RCD (if any) Type: (BS EN <u>N/A</u>)	No. of poles: (<u>3</u>)	<u>/</u> ∄∆n	(<u>N/A</u>) m	A Operation	ating tim	ie: (<u>N/A</u>) ms	() (RCD:		op inpedi)
Char	acteristics at this DB Confirmation of s	upply	polarit	y: (Ye	<u>s</u>)	Phas	se sequ	ence confirmed (where	e appr	opriate	e): 🔽) _Z	r _s (<u>0.13</u>)Ω _/	_习 (<u>2.94</u>) kA			ue resi	stance:) (nuD:)
Publish	oort is based on the model forms shown in Appe ed by Certsure LLP Certsure LLP op sk House, Houghton Hall Park, Houghton Regis,	erates	the NIC	EIC &	ELECS	A brand	s	*Wher © Copyright Certsure	0			rom BS	7671, state	e source:	()			Page	17 of	29



Electrical Contracting Engineers

UNIT 7, CASTLE VIEW BUSINESS ESTATE, GAS HOUSE ROAD, ROCHESTER, KENT. ME11PB Tel: 01634 818074

This report is not valid if the serial number has been defaced or altered **106181**

IPR18

ELECTRICAL INSTALLATION CONDITION REPORT

PAR	T 12 : SCHEDULE OF CIRCUIT DET	TAILS	S ANI	D TE	ST RI	SUL	TS	Circuits/equipmen	t vulne	erable	to dam	age wh	en testi	ng:												
CODE	S For Type of wiring (A) Thermoplastic insulated / (E sheathed cables		moplastic o Ilic conduit				stic cables i ic conduit	in (D) Thermoplastic cables in metallic trunking	(E) Th	ermoplasti n-metallic	ic cables in trunking	י (F)™	ermoplastic	/ SWA cables	(G) ^{Therm}	osetting / SV	VA cables (H) Mineral-i	nsulated ca	bles (O) other - state	;				
e	Circuit description	b.	thod	served		rcuit ctor cs	ction (1)	Protective	device			RCD	iitted ed ice*			impedan			Insul	ation resi	stance		l earth ince, Zs	RCD operating	Te butt	
Circuit number		Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served			Max. disconnection time (BS 7671)	BS (EN)	Type	Rating	Short-circuit capacity	Operating current, I∆n	Maximum permitted Zs for installed protective device*	(measi	inal circuit ured end t	o end)	All cir (complet one co	e at least	Live / Live	Live / Earth	Test voltage DC	Polarity	Max. measured earth $\widehat{\mathcal{O}}$ fault loop impedance, Zs	time		
			Ľ.	Nun	Live (mm ²					(A)	あ (kA)	(mA)	Σ <u>μ</u> (Ω)	(Line) r1	(Neutral) rn	(cpc) r2	(R₁+R₂)	R₂	(MΩ)	(MΩ)	(V)		Ωj Ω	(ms)	RCD	AFDD
1L1	DECK PERIMETER LIGHTING SOUTH	G	В	3	2.5	2.5	0.4	60898	C	10	10		2.18				0.65		LIM	>200	500		0.75			
1L2	DECK PERIMTER LIGHTING NORTH	G	В	4	2.5	2.5	0.4	60898	C	10	10		2.18				0.61		LIM	>200	500	\checkmark	0.62			
1L3	DECK UPLIGHTERS + GLASS BOX	G	В	2	2.5	2.5	0.4	60898	С	10	10		2.18				0.62		LIM	>200	500		0.73			
2L1	PERIMETER BULKHEADS NORTH	D	В	9	2.5	2.5	0.4	60898	С	10	10		2.18				0.74		LIM	>200	500	\checkmark	0.84			
2L2	PERIMETER BULKHEADS SOUTH	D	В	7	2.5	2.5	0.4	60898	C	10	10		2.18				0.89		LIM	>200	500	\checkmark	0.99			
2L3	CONDENSER FARM LIGHTING	G	В	6	2.5	2.5	0.4	60898	C	10	10		2.18				0.47		LIM	>200	500	\checkmark	0.57			
3L1	FOOD PREP & LIFT LOBBY LIGHTING	D	В	12	2.5	2.5	0.4	60898	C	10	10		2.18				0.41		LIM	>200	500	\checkmark	0.51			
3L2	31.1 FOOD PREP & LIFT LOBBY LIGHTING D B 12 2.5 0.4 60898 C 10 0 2.18 D.41 LIM 200 500 0 0.51 D D D D D D D D.41 LIM 200 500 0 0.51 D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D D																									
	BL2 WC LIGHTING D B 10 2.5 0.4 60898 C 10 0 2.18 D 0.56 LIM >200 500 √ 0.66 D B 31.3 BOUYS PENDANTS D B 2.2 2.5 0.4 60898 C 10 10 2.18 D 0.73 LIM >200 500 ✓ 0.83 D A 4L1 CAFE H/L BULKHEADS D B 15 2.5 0.4 60898 C 10 10 2.18 D 0.67 LIM >200 500 ✓ 0.83 D A 4L2 KITCHEN DOWNLIGHTER D B 10 2.5 0.4 60898 C 10 10 2.18 D 0.67 LIM >200 500 ✓ 0.78 D 0.4 0.698 D 0.48 LIM >200 500 ✓ 0.59 D 0.4 0.48 0.48 0.48 0.48 0.48 0.48 0.48 0.48 0.48 0.4																									
3L2 WC LIGHTING D B 10 2.5 2.6 0.4 60898 C 10 2.18 D D.56 LIM >200 500 ✓ 0.66 3L3 BOUYS PENDANTS D B 22 2.5 2.5 0.4 60898 C 10 10 2.18 D.73 LIM >200 500 ✓ 0.83 4L1 CAFE H/L BULKHEADS D B 15 2.5 0.4 60898 C 10 10 2.18 D.67 LIM >200 500 ✓ 0.83																										
	31.3 BOUYS PENDANTS D B 22 2.5 0.4 60898 C 10 10 2.18 D D.73 LIM >200 500 ✓ 0.83 D P 4L1 CAFE H/L BULKHEADS D B 15 2.5 0.4 60898 C 10 10 2.18 D.67 LIM >200 500 ✓ 0.78 D A 4L2 KITCHEN DOWNLIGHTER D B 10 2.5 2.5 0.4 60898 C 10 10 2.18 D.67 LIM >200 500 ✓ 0.78 D.78 D.79 D.79 D.78 D.78 D.78 D.79 D.79 D.79 <td< td=""><td></td></td<>																									
4L3	5X TWIN WALL LIGHTS	D	В	5	2.5	2.5	0.4	60898	C	10	10		2.18				0.61		LIM	>200	500	\checkmark	0.72			
5L1	EXIT LIGHTS, CONTACTOR PHOTO CELL	D	В	1	2.5	2.5	0.4	60898	С	10	10		2.18				0.02		LIM	>200	500	\checkmark	0.12			
5L2	SPARE																									
5L3	DISABLED ALARM	D	В	1	2.5	2.5	0.4	60898	C	10	10		2.18				0.24		LIM	>200	500	\checkmark	0.35			
6TP	KWH METER	D	В	1	2.5	2.5	0.4	60898	C	2	10		10.93													
1	FRIBUTION BOARD (DB) DETAILS be completed in every case)	,	B desig					L CUPBOARD	STE	D BY			tals): <u>G/</u>		RDRICK					ion: <u>AP</u> I	PROVED 2019	ELE(CTRICIA	N		
	BE COMPLETED ONLY IF THE DB	IS N	от со											<i>.</i> .		,	ente (ente		number		t each in			ed)		
Supp	ly to DB is from: (MCCB 2) Nom	inal vo	oltage:	(3) V	No.	of phase	s: (<u>400</u>)		i-functio	on:			Cont	inuity:			,
Over	current protection device for the distribut	tion c	ircuit	Туре	: (BS E	N) F	Rating:	() A (·	17148	• •) (C 1.1	· · ·)
															,	,	11	ation re	sistanc	е:) /	Earth	n tault lo	op imped	ance:	١
Asso	ciated RCD (if any) Type: (BS EN 60947	-2)	No. of poles: (<u>100</u>)	<u>⊿</u> n	()m/	A Uper	ating time	e: () ms	Eart	1 electro	ndo rosi	stanco.		RCD:				/
Char	acteristics at this DB Confirmation of s	upply	polarit	ty: (<u>Y</u>	<u>es)</u>	Pha	se sequ	ience confirmed (where	e appr	opriate	e): 🔽	Zs	(<u>0.10</u>)Ω	7 (<u>3.14</u>) kA	(relectio) ()
This re	port is based on the model forms shown in Appe	endix 6	of BS 7	671				*Whe	re figur	e is not	taken fr	rom BS 7	/671, state	e source:	()			_]	
Publish	ed by Certsure LLP Certsure LLP op k House, Houghton Hall Park, Houghton Regis,	erates	the NIC	CEIC 8		A bran	ls	© Copyright Certsure	LLP (Jı	uly 2018)													Page	18 of	29



Electrical Contracting Engineers

UNIT 7, CASTLE VIEW BUSINESS ESTATE, GAS HOUSE ROAD, ROCHESTER, KENT. ME11PB Tel: 01634 818074

This report is not valid if the serial number has been defaced or altered **106181**

IPR18

ELECTRICAL INSTALLATION CONDITION REPORT

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

CODES For Type of wiring (A) Thermoplastic insulated / (B) Thermoplastic cables in metallic conduit (C) Thermoplastic cables in non-metallic trunking (D) Thermoplastic cables in non-metallic trunking (F) Thermoplastic / SWA cables (G) Thermosetting / SWA cables (H) f	Mineral-insulated cables	(O) other - state	^e FP200											
		resistance	rity ured earth oedance, Zs	RCD operating time	Test buttor									
Circuit n Circuit n Concentration Circuit n Circuit	umn) Live / Live Live Ear	rth DC	Polarity Max. measured earth Éault loop impedance, Zs		RCD A	(FDD								
Z (mm²) (mm²) (s) (A) (kA) (mA) (Ω) r1 rn r2 (R1+R2) 1L1 HAND DRYERS CIRCUIT NO.1 0 2 4.0 0.4 60898 MCB C 20 10 1.09 0.10 0.10	R₂ (MΩ) (MΩ >200 >200		(Ω)	(ms)		_								
1L2 HAND DRYERS CIRCUIT NO.2 0 B 2 4.0 4.0 0.4 60898 MCB C 20 10 1.09 0.10	>200 >200		✓ 0.20											
1L3 FRIDGE, DIS W/C D B 1 4.0 4.0 0.4 60898 MCB C 20 10 1.09 0.11	>200 >200		✓ 0.20											
2L1 UPRIGHT FRIDGE NO.1 (UNTRACABLE) O B 1 4.0 4.0 0.4 60898 MCB C 20 10 1.09 LIM	LIM LIM		LIM											
ZL2 UPRIGHT FRIDGE NO.2 O B 1 0.0 0.4 60898 MCB C 20 10 1.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 <t< td=""><td>>200 >200</td><td></td><td>✓ 0.19</td><td></td><td></td><td></td></t<>	>200 >200		✓ 0.19											
2L3 UPRIGHT FREEZER NO.1 0 B 1 4.0 4.0 0.4 60898 MCB C 20 10 1.09	200 200		• • • • •											
3L1 GENERAL POWER - FOOD PREP/STORE O B 6 4.0 4.0 0.4 61009/RCD/RCBO C 32 10 30 0.68 0.21 0.21 0.21 0.09	>200 >200	0 500	V 0.16	28.8	\checkmark									
3L2 GENERAL POWER - CLEANERS 0 B 3 4.0 0.4 61009 RCD/RCBO C 32 10 30 0.68 0.19 >200 >200 500 ✓ 0.30 28.9 3L3 GENERAL POWER - CAFE 0 B 7 4.0 0.4 61009 RCD/RCBO C 20 10 30 1.09 0.18 >200 >200 500 ✓ 0.28 28.9														
3L2 GENERAL POWER - CLEANERS 0 B 3 4.0 0.4 61009 RCD/RCBO C 32 10 30 0.68 0.19 >200 >200 500 ✓ 0.30 28. 3L3 GENERAL POWER - CAFE 0 B 7 4.0 0.4 61009 RCD/RCBO C 20 10 30 1.09 0.18 >200 >200 500 ✓ 0.28 28.														
3L3 GENERAL POWER - CAFE 0 B 7 4.0 4.0 0.4 61009 RCD/RCBO C 20 10 30 1.09 0.18 >200 200 500 🗸 0.1 4L1 GENERAL POWER OUTSIDE BENCH 0 B 8 4.0 4.0 0.4 61009 RCD/RCBO C 32 10 30 0.68 0.38 0.38 0.38 0.16 >200 200 500 🗸 0.1														
4L1 GENERAL POWER OUTSIDE BENCH 0 B 8 4.0 4.0 0.4 61009 RCD/RCBO C 32 10 30 0.68 0.38 0.38 0.38 0.16 >200 >200 500 🗸 0.27 4L2 VIVREAU AND DOUBLE SOCKET OUTLET B 2 4.0 4.0 0.4 61009 RCD/RCBO C 32 10 30 0.68 0.21 0.21 0.21 0.09 >200 >200 500 🗸 0.27														
4L1 GENERAL POWER OUTSIDE BENCH 0 B 8 4.0 4.0 0.4 61009 RCD/RCBO C 32 10 30 0.68 0.38 0.38 0.38 0.16 >200 >200 500 🗸 0.27 29.9														
5L1 POWER OUTSIDE SOUTH F B 1 4.0 4.0 0.4 61009 RCD/RCBO C 20 10 30 1.09 D.42	>200 >200		✓ 0.52	28.9	✓ ✓									
5L2 POWER SERVERY 0 B 2 4.0 4.0 0.4 61009 RCD/RCB0 C 20 10 30 1.09 0.18	>200 >200		v V 0.28	29.0	$\overline{\checkmark}$									
5L3 POWER SERVERY 0 B 1 4.0 4.0 0.4 61009 RCD/RCB0 C 20 10 30 1.09 0.14	>200 >200		v V 0.24	28.8	$\overline{\checkmark}$									
6L1 POWER OUTSIDE WEST F B 1 4.0 4.0 0.4 61009 RCD/RCBO C 20 10 30 1.09 D.12	>200 >200		✓ 0.22	28.9	\checkmark									
6L2 KITCHEN UNIT DB F B 1 10.0 10.0 5 60898 MCB C 40 10 0.55 0.10	>200 >200		✓ 0.20											
6L3 W/HEATER SERVERY 0 B 2 4.0 4.0 0.4 60898 MCB C 32 10 0.68 0.16	>200 >200		✓ 0.26											
7L1 DISHWASHER BAR 0 B 1 4.0 4.0 0.4 60898 MCB C 32 10 0.68 0.15	>200 >200	0 500	✓ 0.25			_								
7L2 TALL FRIDGE 0 B 2 4.0 4.0 0.4 60898 MCB C 20 10 1.09 0.09 0.09	>200 >200	0 500	✓ 0.18											
DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case) DB designation: DB/SP/ROOF Location of DB: ROOF ELECTRICAL CUPBAORD TESTED BY Signature: Name (capitals): GARY BARDRICK	Date: <u>12/0</u>	01/2019) ELECTRICIA	AN										
	INSTRUMENT													
	serial number agai function:		nstrument u Continuity:	sed)										
Overcurrent protection device for the distribution circuit Type: (BS EN_BS EN_60947-2_MCCB) Bating: (100)A	7148) (()								
Insulati	tion resistance:) (Earth fault l	oop imped	ance:)								
Earth e	electrode resistanc	ce: (RCD:			'								
Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z (0.11) Ω // (3.21) kA () (()								
This report is based on the model forms shown in Appendix 6 of BS 7671 *Where figure is not taken from BS 7671, state source: ()		Page	19 of 2	29								

Original(to the person ordering the work)

Warwick House, Houghton Hall Park, Houghton Regis, Dunstable, LU5 5ZX



SCHEDULE OF CIRCULT DETAILS AND TEST RESULTS

WEBSTER THOMAS ELECTRICAL LTD **Electrical Contracting Engineers**

UNIT 7, CASTLE VIEW BUSINESS ESTATE, GAS HOUSE ROAD, ROCHESTER, KENT. ME11PB Tel: 01634 818074

This continuation sheet is not valid if the serial number is 106181 not the same as the corresponding report.

IPR18

CONTINUATION SHEET: ELECTRICAL INSTALLATION CONDITION REPORT

SC	HEDULE OF CIRCUIT DETAILS AND	D TES	T RE	SULT	S			Circuits/equipmen	ıt vuln	erable	to dam	age wl	nen testi	ng:												
COD	ES For Type of wiring (A) Thermoplastic insulated / (I) sheathed cables	B) ^{Thermo} metallic	oplastic c c conduit	ables in	(C) Th	nermoplas on-metalli	stic cables i c conduit	n (D) Thermoplastic cables in metallic trunking	(E) TI	hermoplast on-metallic	ic cables in trunking	י (F) ד	hermoplastic	/ SWA cables	(G) Therr	nosetting / S\	NA cables (H) Mineral-i	insulated ca	bles (O)	other - state	³ FP2 [,]	.00			
umber	Circuit description	wiring ides)	Method 371)	ints served		cuit ctor csa	nnection 7671)	Protective	device	•		RCD I≩	iermitted stalled device*		Circuit inal circuit ured end t		ces (Ω) All ci (complet		Insul	ation resi	stance	ity	ured earth edance, Zs	RCD operating time		est tons
Circuit number		Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Live	срс	Max. disconnection time (BS 7671)	BS (EN)	Type	Rating	Short-circuit capacity	Operat current,	Maximum permitted Zs for installed protective device*		(Neutral)	(cpc)	one co		Live / Live	Live / Earth	Test voltage DC	Polarity	Max. measured earth Bfault loop impedance, Zs		RCD	AFDD
71.1	DISHWASHER BAR	0	В		(mm²)	(mm ²)	(s)	60898 MCB	<u> </u>	(A)	(kA) 10	(mA)	<u>(Ω)</u> 0.68	ri .	rn	ľ2	(R₁+R₂)	R₂	(MΩ)	(MΩ)	(V)			(ms)		<u> </u>
7L1 7L2	TALL FRIDGE	-	ь В				0.4 0.4	60898 MCB	с С	32 20	10		0.08 1.09				0.15 0.09		>200 >200		500 500		0.25 0.18			├──
7L2 7L3	COFFEE MACHINE	-	ь В					60898 MCB	с r	20 32	10		0.68				0.09 0.14		>200 >200		500 500		0.18			<u> </u>
7L3 8L1	OVEN SUPPLY - (ROBAND)	-	ь В					60898 MCB	с С	32 20	10		1.09				0.14 0.15		>200		500		0.24 0.25	'		┣──
BL2	BOOTLE COOLER SUPPLY	-	ь В					60898 MCB	с С	20	10		1.09				0.15		>200		500		0.25			├──
BL3	DISHWASHER		B					61009 RCD/RCB0	r r	20	-	30	1.09				0.14		>200		500			28.9	~	<u> </u>
		-					-		r r		-	50												20.5	~	<u> </u>
912	DISABLED ALARM 0 B 1 4.0 4.0 0.4 60898 MCB C 20 10 1.09 0.1 >200 200 500 🗸 0.20 10 0.10 1.09																<u> </u>									
	9L2 WATER HEATER - FOOD PREP/STORE 0 B 1 4.0 0.4 60898 MCB C 20 1.09 0.14 >200 >200 500 ✓ 0.24 0 9L3 DISABLED ALARM 0 B 1 4.0 0.4 60898 MCB C 20 1.09 0.14 >200 >200 500 ✓ 0.24 0 9L3 DISABLED ALARM 0 B 1 4.0 0.4 60898 MCB C 20 1.09 0.14 >200 >200 500 ✓ 0.20 0.20 0.00 ✓ 0.20 0.01 >200 >200 500 ✓ 0.20 0.20 0.01 0.20 >200 500 ✓ 0.20 0.20 0.20 0.01 0.20 >200 500 ✓ 0.20 0.20 0.20 0.20 0.20 0.20 0.20 0.20 0.20 0.20 0.20 0.20 0.20 0.20 0.20 0.20 0.20 0.20 0.20 0.20 0.20 0.20 0.20																<u> </u>									
	9L3 DISABLED ALARM 0 B 1 4.0 4.0 0.4 60898 MCB C 20 1.09 0.11 >200 >200 500 \checkmark 0.20 10TP SPARE Image: SPARE Imag																<u> </u>									
	9L3 DISABLED ALARM 0 B 1 4.0 0.4 60898 MCB C 20 1.09 0.11 >200 >200 500 ✓ 0.20 10TP SPARE Image: Space state																<u> </u>									
	IOTP SPARE Image: Constraint of the state of the sta																<u> </u>									
	STRIBUTION BOARD (DB) DETAILS be completed in every case)	9	-	nation of DB:				L CUPBAORD	ESTE	D BY			itals): <u>G</u>		RDRICK.				Date	12/01/2		ELEC	CTRICIA	N		
	BE COMPLETED ONLY IF THE DB ply to DB is from: (MCCB2	IS NO	OT CC	ONNE	CTE	D DIF	RECTL	Y TO THE ORIGIN				LATIC		of phase	s: (<u>3</u>)	ente (ente	T INST r serial i-functio	number	ENTS agains			ment us	ed)		
	rcurrent protection device for the distribu									Rating:)A						17148 lation re	sistanc	e:) ((oop imped	ance:)
	ociated RCD (if any) Type: (BS EN racteristics at this DB Confirmation of s																Eart	n electro	ode resi	stance:) () ((RCD: ()
					·······		44							· · ·							······································					
Publis	eport is based on the model forms shown in App hed by Certsure LLP Certsure LLP op ick House, Houghton Hall Park, Houghton Regis,	erates ti	he NIC	EIC & E	LECSA	A brand	ls	«Whe © Copyright Certsure	0			UM 82	7071, stat	e source:	(<u></u>)			Page 20	of	29



Electrical Contracting Engineers

UNIT 7, CASTLE VIEW BUSINESS ESTATE, GAS HOUSE ROAD, ROCHESTER, KENT. ME11PB Tel: 01634 818074

This report is not valid if the serial number has been defaced or altered **106181**

IPR18

Original(to the person ordering the work)

ELECTRICAL INSTALLATION CONDITION REPORT

PAR	T 12 : SCHEDULE OF CIRCUIT DET	AILS		D TES	ST RE	SUL	ſS	Circuits/equipment	t vuln	erable	to dam	iage w	hen testi	ng:												
CODES	S For Type of wiring (A) Thermoplastic insulated / (B sheathed cables) Thermo metallio	oplastic o ic condui	cables in t	(C) T	hermopla: on-metalli	stic cables i c conduit	n (D) Thermoplastic cables in metallic trunking	(E) Th	hermoplas on-metalli	tic cables i c trunking	n (F)	l fhermoplastic	: / SWA cables	s (G)Thern	nosetting / S\	NA cables (H) Mineral-i	insulated ca	bles (O)	other - state	e				
	Circuit description	ring es)	ethod 1)	ts served		rcuit ctor csa	lection 571)	Protective	device	• 	1	RCD	mitted illed svice*	Ring f	Circuit	t impedan ts only	ces (Ω) All ci	rcuits	Insul	ation resi	stance		ed earth dance, Zs	RCD operating time	Te: butto	
Circuit number		Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served			Max. disconnection time (BS 7671)	BS (EN)	Type	Rating	Short-circuit capacity	Operating current, I∆n	Maximum permitted Zs for installed protective device*	(meas	sured end t	to end)	(complet one co	e at least	Live / Live	Live / Earth	Test voltage DC	Polarity	Max. measured earth D ^f ault loop impedance, Zs			
			μ. Γ.	Nun	Live (mm ²)	cpc (mm ²)				(A)	あ (kA)	(mA)	≥ <u>⊔</u> (Ω)	(Line) r1	(Neutral) rn	(срс) Г2	(R₁+R₂)	R₂	(MΩ)	(MΩ)	(V)		Ωj Ω	(ms)	RCD	AFDD
1			В	9	1.5	1.5	0.4	60898 MCCB	C	6	10	N/A					0.42		LIM	>200		\checkmark	0.53			
2	2ND		В						С				2.18									\sim				
3	2ND - ROOF	В	В	20	1.5	1.5	0.4	60898 MCCB	С	10	10	N/A	2.18				0.75		LIM	>200	500	\checkmark	0.97			
4	-								 																	
0	LIGHTING - CENTRAL STAIRCASE PIR'S B B P 1.5 1.5 0.4 80898 MCCB C B 1.0 N/A 8.64 0.42 LUM 200 000 D 1.5 1.5 2 LIGHTING - CENTRAL STAIRCASE GND - B B 14 1.5 1.5 0.4 80898 MCCB C 10 N/A 8.64 0.42 LUM 200 500 ↓0.77 10 3 LIGHTING - PIR CENTRAL STAIRCASE - B B 20 1.5 1.5 0.4 80898 MCCB C 10 10 N/A 2.18 0.55 LIM >200 500 ↓0.77 10 10 3 LIGHTING - PIR CENTRAL STAIRCASE - B B 20 1.5 1.4 80898 MCCB C 10 10 N/A 2.18 0.75 LIM >200 500 ↓0.77 2 LIO - ROF 4 SPARE 6 6 6 10 10 N/A 2.18 0.75 LIM >200 500 ↓0.77 10 10 4 SPARE 6 SPARE 6 6 6 6 6 6 6 6 6 6 6 6 6 <td></td>																									
(to b	FRIBUTION BOARD (DB) DETAILS be completed in every case)	Loo	cation	n of DE	3: <u>WC</u>	CLEAI	VERS C	UPBOARD 2ND			Sigr	ature:		~	RDRICK				Date	12/01/2) ELE(CTRICIA	<u>N</u>		
	BE COMPLETED ONLY IF THE DB I	S NC)T C(ONN	ECTE	D DIF	RECTL										ente (ente	T INST r serial	number	ENTS agains				ed)		
	ly to DB is from: (DB/W/LT/2) Nomi		-)V		of phase	es: (1)		i-functic 17148	on:			Cont (inuity:			١
Over	current protection device for the distributi	ion ci	rcuit	Type:	(BS E	N <u>608</u>	98) F	Rating	: (<u>32</u>) A (lation re	sistanc	e:		Earth	n fault lo	op imped	ance:	/
Asso	ciated RCD (if any) Type: (BS EN)	No. of poles: ()	⊠∆n	() n	A Oper	ating tim	ie: () ms	; [] (······) (()
Chara	acteristics at this DB Confirmation of su	ıpply p	polari	ty: (Ye	es)	Pha	se sequ	ence confirmed (where	e appr	ropriat	e): 🔽) z	r _s (<u>0.21</u>)Ω	77 (<u>1.11</u>) kA		n electro	de resi	stance:) (RCD: ()
Publish	oort is based on the model forms shown in Appe ed by Certsure LLP Certsure LLP ope	rates t	the NIC	CEIC &	ELECS	A branc	ls	*Wher © Copyright Certsure	0			rom BS	7671, stat	e source:	()			Page	21 of	29
Warwic	k House, Houghton Hall Park, Houghton Regis, D	Dunstal	ble, LU	J5 5ZX																					Ľ	



WEBSTER THOMAS ELECTRICAL LTD

Electrical Contracting Engineers

UNIT 7, CASTLE VIEW BUSINESS ESTATE, GAS HOUSE ROAD, ROCHESTER, KENT. ME11PB Tel: 01634 818074

This report is not valid if the serial number has been defaced or altered **106181**

IPR18

ELECTRICAL INSTALLATION CONDITION REPORT

PAR	IT 12 : SCHEDULE OF CIRCUIT DET	AILS	AND) TES	T RE	SULI	r s	Circuits/equipment	t vulne	erable t	o dam	age wl	hen testi	ng:												
CODE	S For Type of wiring (A) Thermoplastic insulated / (B) sheathed cables) Therm metalli	oplastic ca c conduit	ables in		nermoplas on-metallio	tic cables in c conduit	(D) Thermoplastic cables in metallic trunking	(E) Th	ermoplasti n-metallic	c cables i trunking	n (F) ⊺	hermoplastic	/ SWA cable	s (G)Therm	iosetting / SV	VA cables (H) Mineral-ir	nsulated cal	oles (O)	other - state	· 0 = 1	MODULAF	R WIRING P=	FP200	
ber	Circuit description	ing s)	ethod)	s served		cuit ctor csa	ection 71)	Protective	device		-	RCD		Ping	Circuit final circuit	impedano	ces (Ω) All cir	quite	Insula	ation resi	stance		d earth ance, Zs	RCD operating time	Te butte	
Circuit number		Fype of wiring (see Codes)	Reference Method (BS 7671)	Number of points served			Max. disconnection time (BS 7671)	BS (EN)	Type	Rating	Short-circuit capacity	Operating current, I∆n	Maximum permitted Zs for installed protective device*		sured end t		(complete one co	e at least	Live / Live	Live / Earth	Test voltage DC	Polarity	Max. measured e Bault loop impedan			
			Re	Numb	Live (mm²)		(s)	Θ		(A)	ບ ເວັ ເkA)	(mA)		(Line) r1	(Neutral) rn	(срс) Г2	(R₁+R₂)	R₂	(MΩ)	(MΩ)	(V)		Dfault I	(ms)	RCD	AFDD
1L1	FAN COIL UNITS (UNTRACABLE)	0	В	2	4	4	0.4	60898 MCB	С	20	10		1.09				LİM		LIM	LIM	LIM		LIM			
1L2	BOILER & EXTRACT FAN - BIKE STORE	G	В	2	4	4	0.4	60898 MCB	С	20	10		1.09				0.41		>200	>200	500	\checkmark	0.23			
1L3	HAND DRYER MEZZANINE WC	G	В	1	4	4	0.4	60898 MCB	С	20	10		1.09				0.18		>200	>200	500	\checkmark	0.22			
2L1	FAN COIL UNITS (UNTRACABLE)	0	В	5	4	4	0.4	60898 MCB	C	20	10		1.09				LIM		LIM	LIM	LIM		LIM			
2L2	CLEANERS SOCKETS BIKE STORE	G	В	3	4	4	0.4	61009 RCD/RCBO	C	32	10	30	0.68	0.30	0.30	0.30	0.16		>200	>200	500	\checkmark	0.28	28.9	\checkmark	
2L3	WATER HEATER MEZZANINE FLOOR WC	G	В	1	4	4	0.4	60898 MCB	C	20	10		1.09				0.08		>200	>200	500	\checkmark	0.18			
3L1 COFFEE MACHINE SOCKETS RECEPTION G B 4 4 0.4 61009 RCD/RCBO C 32 10 30 0.68 0.43 0.31 0.08 >200 >200 500 ✓ 0.39 29.1 ✓ 3L2 DOOR MOTOR G B 1 4 0.4 60898 MCB C 32 10 0.68 0 0.22 >200 >200 500 ✓ 0.32 0 3L3 GENERAL POWER RECEPTION DESK G B 1 4 0.4 61009 RCD/RCBO C 32 10 0.68 0 0.22 >200 >200 500 ✓ 0.32 0 3L3 GENERAL POWER RECEPTION DESK G B 1 4 0.4 61009 RCD/RCBO C 32 10 30 0.68 0.15 0.15 0.08 >200 >200 0.00 ✓ 0.39 29.8 ✓																										
3L1 COFFEE MACHINE SOCKETS RECEPTION G B 4 4 0.4 61009 RCD/RCBO C 32 10 30 0.68 0.43 0.43 0.31 0.08 >200 >200 500 √ 0.39 29.1 √ 31 31.2 DOOR MOTOR G B 1 4 0.4 60898 MCB C 32 10 0.68 0.68 0.22 >200 >200 500 √ 0.32 0 30 30 0.68 0.15 0.15 0.08 >200 >200 500 √ 0.32 0 30 30 0.68 0.15 0.15 0.15 0.08 >200 >200 \$00 √ 0.32 0 √ 0.32 0 √ 0.33 0.43 0.15 0.15 0.15 0.08 >200 >200 \$00 √ 0.32 √ 0 √ 0.34 0.43 0.43 0.43 0.43 0.43 0.43 0.43 0.43 0.43 0.43 0.43 0.43 0.43 0.43 0.43<																										
SL2 DOOR MOTOR G B 1 4 0.4 60898 MCB C 32 10 0.68 D D.22 >200 >200 500 ✓ 0.32 3L3 GENERAL POWER RECEPTION DESK G B 1 4 0.4 61009 RCD/RCBO C 32 10 30 0.68 D.15 0.15 0.08 >200 >200 500 ✓ 0.32															0.19	28.8	\checkmark									
3L3 GENERAL POWER RECEPTION DESK G B 1 4 4 0.4 61009 RCD/RCBO C 32 10 30 0.68 0.15 0.15 0.15 0.08 >200 >200 500 🗸 0.19															28.8	\checkmark										
4L2	GENERAL POWER RECEPTION OFFICE	G	В	8	4	4	0.4	61009 RCD/RCBO	С	32	10	30	0.68	0.30	0.30	0.13	0.12		>200	>200	500			22.7	~	
4L3	GENERAL POWER RECEPTION DESK	G	В	1	4	4	0.4	61009 RCD/RCBO	С	32	10	30	0.68	0.21	0.21	0.21	0.11		>200	>200	500			28.9	\checkmark	
5L1	FAN COIL UNITS - BIKE STORE	G	В	1	4	4	0.4	60898 MCB	С	20	10		1.09				0.12		>200	>200	500		0.21			
5L2	TOWEL RAIL BIKE STORE	Р	В	5	4	4	0.4	61009 RCD/RCBO	С	32	10	30	0.68	0.16	0.16	0.14	0.09		>200	>200	500	\checkmark	0.24	29.1	\checkmark	
5L3	SPARE																									
6L1	SPARE										1															
6L2	HAND DRYERS BIKE STORE	Р	В	5	4	4	0.4	61009 RCD/RCBO	С	32	10	30	0.68	0.13	0.13	0.13	0.08		>200	>200	500		0.24	29	\checkmark	
6L3	SPARE																									
7L1	SPARE																									
7L2	SPARE																									
																								· · ·		
	TRIBUTION BOARD (DB) DETAILS		desig						SIE	D BY				ARY BA	RDRICK						PROVED	ELEC	IRICIA	N		
(to l	be completed in every case)	Lo	cation	of DB	: <u>REC</u>	EPIIO	N				Sign	lature:	\mathcal{C}	0					Date:	12/01/2	2019					
T0	BE COMPLETED ONLY IF THE DB I	S NO)T CO)NNE	CTE	D DIF	RECTLY	Y TO THE ORIGIN (DF TH	IE IN	STAL	LATIC	DN					FINST								
Supr	oly to DB is from: (RISING BUS BAR TAP O	CC) Nomi	inalvo	ltago	(400)V	No	of phase	ne: /2	1	11.1			agains	t each in			ed)		
) Nomi						ui pilase	35. 15	/	(1012	i-functio 17148	n:) (Contir	nuity:)
	current protection device for the distribut									lating:)A						ation re	sistanco	e:		Earth	fault lo	op impeda	ance:	
Asso	ciated RCD (if any) Type: (BS EN)	No. of poles: ()	<u>/</u> ∄_n	() m	A Oper	ating tim	ne: () ms		electro	do rosi	stanco) (RCD:)
Char	racteristics at this DB Confirmation of su	ıpply ı	polarit	y: (Ye	<u>s</u>)	Phas	se sequ	ence confirmed (where	e appr	opriate): 🔽		s (<u>0.12</u>)Ω	_羽 (3.20) kA) ()
	port is based on the model forms shown in Appe	ndiv 6	of BC 7	671				*Wher	e fiaur	e is not	taken f			e source:	<i>p</i> ,)					<u> </u>
	ned by Certsure LLP Certsure LLP Certsure LLP Certsure LLP				ELECSA	A brand	s	© Copyright Certsure	0				,		`						/			Page	22 of	29



WEBSTER THOMAS ELECTRICAL LTD Electrical Contracting Engineers

Tel: 01634 818074

UNIT 7, CASTLE VIEW BUSINESS ESTATE, GAS HOUSE ROAD, ROCHESTER, KENT. ME11PB

This continuation sheet is not valid if the serial number is not the same as the corresponding report.

IPR18

CONTINUATION SHEET: ELECTRICAL INSTALLATION CONDITION REPORT

106181

SC	IEDULE OF CI	RCUIT DETAILS A	ND TES	ST RE	SUL	rs			Circuits/equipme	ent vuln	erable	to dam	age w	hen testi	ing:												
COD	ES For Type of wiring	(A) Thermoplastic insulated / sheathed cables	(B) Ther meta	moplastic Illic condui	cables in it	(C) TI	hermoplast on-metallic	tic cables in conduit	(D) Thermoplastic cables in metallic trunking	n (E) TI	hermoplast on-metallic	ic cables ir trunking	י (F) ד	'hermoplastic	c / SWA cables	G) Thern	nosetting / S\	VA cables	(H) Mineral-i	nsulated ca	bles (O)	other - stat	^{te} 0 =	MODULA	R WIRING P=	FP200	
umber	Ci	rcuit description	wiring odes)	e Method 671)	Number of points served		rcuit ctor csa	fax. disconnection time (BS 7671)	Protectiv	ve device	9	.iti	t, IAn t, IAn			Circuit		All c	ircuits te at least	Insul	ation resi	stance	rity	Max. measured earth $\widehat{\mathcal{O}}$ ault loop impedance, Zs	RCD operating time	Te: butto	
Circuit number			Type of wiring (see Codes)	Reference Method (BS 7671)	lumber of po	Live	срс	2	BS (EN)	Type	—	Short-circuit capacity		pr 1	(Line)	(Neutral)	(cpc)	one c	olumn)	Live / Live	Live / Earth	Test voltage DC	Polarity	Max. meas ault loop im		RCD	AFDE
7L1	SPARE			-	Z	(mm ²)	(mm²)	(s)		_	(A)	(kA)	(mA)	(Ω)	r1	rn	ľ2	(R₁+R₂)	R₂	(MΩ)	(MΩ)	(V)	-	(Ω)	(ms)		
7L2	SPARE			+																			+				
7L3	SPARE																										
8L1	SPARE																										
8L2	SPARE																										
8L3	SPARE																										
		30ARD (DB) DETA I in every case)					SP/REC			TESTE	D BY			oitals): <u>G</u>	ARY BAR	RDRICK				Date	ion: <u>AP</u> f : 12/01/:) ELE(CTRICIA	N		
				OT C	ONN	ECTE	D DIR	ECTL							6 1	10	,	ente (ente	T INST er serial	number					ed)		
· ·		 (RISING BUS BAR TA on device for the distr 		ircuit	Type:	: (BS E	N 88) Nor	minal v) I	oltage: Rating:		V(A(of phase	IS: (<u>3</u>)	(1012	ti-functic 217148)	(inuity:)
	-	ny) Type: (BS EN)	No. of poles: ()	/ 1 \.n				rating tim	e: () ms	(lation re) ((oop imped	ance:)
		is DB Confirmation								ere appi				-	-) kA		h electro	ode resi	stance:)	RCD (:)
Publis	hed by Certsure LL	e model forms shown in A P Certsure LLF on Hall Park, Houghton Re	operates	s the NI	CEIC &	ELECS	A brand:	s	*Wh © Copyright Certsur	J -			rom BS	7671, stat	te source:	()			Page 23	of	29



WEBSTER THOMAS ELECTRICAL LTD

Electrical Contracting Engineers

UNIT 7, CASTLE VIEW BUSINESS ESTATE, GAS HOUSE ROAD, ROCHESTER, KENT. ME11PB Tel: 01634 818074

This report is not valid if the serial number has been defaced or altered **106181**

IPR18

ELECTRICAL INSTALLATION CONDITION REPORT

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

PART 12 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS								Circuits/equipment vulnerable to damage when testing:																				
CODES For Type of wiring (A) Thermoplastic insulated / sheathed cables (B) Thermoplastic cables in metallic conduit (C) Thermoplastic cables in non-metallic conduit								(D) Thermoplastic cables in metallic trunking	F) Thermoplastic / SWA cables (G) Thermosetting / SWA cables (H) Mineral-insulated cables (O) other - state																			
er	Circuit description		hod	served		cuit ctor csa	ction 1)	Protective	ective device			RCD	iitted ed ice*		Circuit ir	. ,		Insula	ition resis	resistance		earth nce, Zs	RCD operating	Test buttons				
Circuit number		Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Tive cpc		Max. disconnection time (BS 7671)	BS (EN)	Type	Rating	Short-circuit capacity	Operating current, I∆n	Maximum permitted Zs for installed protective device*	Ring final circuits only (measured end to end) (Line) (Neutral) (cpc)		All circuits (complete at least one column)		Live / Live	Live / Earth	Test voltage DC	Polarity	Max. measured earth B ^f ault loop impedance, Zs	time	RCD	AFDD			
				Σ	(mm ²)	(mm²)	(s)			(A)	(kA)	(mA)	(Ω)	(Line) ľı	rn	ľ2	(R1+R2)	R₂	(MΩ)	(MΩ)	(V)			(ms)				
1L1	32A COMMANDO SOCKET	G	F	1	4			60898 MCCB	-	-	10		0.68				LIM			LIM	LIM	<u> </u>	0.14					
1L2	32A COMMANDO SOCKET	G	F	1	4		-	60898 MCCB	-	-	10		0.68				LIM			LIM	LIM		0.15					
	32A COMMANDO SOCKET	G	F	1	4			60898 MCCB	-	-	10		0.68				LIM				LIM		0.13					
2L1	32A COMMANDO SOCKET	G	F	1	4		-	60898 MCCB	-	-	10		0.68				LIM			LIM	LIM		0.14					
2L2	32A COMMANDO SOCKET	G	F	1	4			60898 MCCB	-		10		0.68				LIM				LIM		0.15					
2L3	32A COMMANDO SOCKET	G	F	1	4		-	60898 MCCB	-	-	10		0.68				LIM				LIM	•	0.12					
3L1	32A COMMANDO SOCKET	G	F	1	4		-	60898 MCCB	-	-	10		0.68				LIM				LIM		0.13					
3L2	32A COMMANDO SOCKET	G	F	1	4		-	60898 MCCB	-	-	10		0.68				LIM			LIM	LIM		0.12					
3L3	32A COMMANDO SOCKET	G	F	1	4			60898 MCCB		-	10		0.68				LIM				LIM		0.11					
4L1	32A COMMANDO SOCKET	G	F	1	4			60898 MCCB		-	10		0.68				LIM				LIM		0.12					
4L2	32A COMMANDO SOCKET	G	F	1	4			60898 MCCB			10		0.68				LIM				LIM		0.12					
4L3	32A COMMANDO SOCKET	G	F	1	4		-	60898 MCCB	-	-	10		0.68				LIM				LIM		0.11					
5L1	32A COMMANDO SOCKET	G	F	1	4			60898 MCCB	-	-	10		0.68				LIM				LIM		0.11					
5L2	32A COMMANDO SOCKET	G	F	1	4			60898 MCCB	-	-	10		0.68				LIM				LIM		0.16					
5L3	32A COMMANDO SOCKET	G	F	1	4	4		60898 MCCB	С	32	10		0.68				LIM			LIM	LIM	\checkmark	0.14					
6L1	32A COMMANDO SOCKET	G	F	1	4	4	0.4 6	60898 MCCB	С	32	10		0.68				LIM		LIM	LIM	LIM	\checkmark	0.11					
6L2	32A COMMANDO SOCKET	G	F	1	4	4	0.4 6	60898 MCCB	С	32	10		0.68				LIM		LIM	LIM	\checkmark	0.16						
	32A COMMANDO SOCKET	G	F	1	4	4	0.4 6	60898 MCCB	С	32	10		0.68				LIM		LIM	LIM	LIM		0.14					
7L1	32A COMMANDO SOCKET	G	F	1	4	4	0.4 6	60898 MCCB	С	32	10		0.68				LIM		LIM	LIM	LIM	\checkmark	0.13					
7L2	32A COMMANDO SOCKET	G	F	1	4	4	0.4 6	60898 MCCB	С	32	10		0.68				LIM		LIM	LIM	LIM	\checkmark	0.16					
DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case) DB designation: DB/W/COMMS/LG Location of DB: LOWER GROUND FLOOR COMMS TESTED BY Signature: Name (capitals): GARY BARDRICK													Position: APPROVED ELECTRICIAN Date: 22/01/2019															
TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION TEST INSTRUMENTS																												
	ly to DB is from: (MCCB 3) Nomi) V		of phase	s: (3)	11.1	serial r		against				ed)				
												······		01 pilaoo		'		Multi-function: ((101217148) (Continuity:				
	current protection device for the distribu		rcuit	Type:	(D3 EI	N				Rating:		A()						ation res	sistance):		Earth fault loop impedance:						
Associated RCD (if any) Type: (BS EN 60947-2) No. of poles: (3) mA Operating time: ()ms													() (Earth electrode resistance: I					RCD:										
Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): \Box_{Zs} (0.11) Ω_{Bf} (3.28) kA) ()												
	port is based on the model forms shown in Appe ed by Certsure LLP Certsure LLP op				FI FCS4	hrand	s	*Wher © Copyright Certsure l	0			om BS	7671, state	e source:	()			Page	24 of	29		

Original(to the person ordering the work)



WEBSTER THOMAS ELECTRICAL LTD Electrical Contracting Engineers

UNIT 7, CASTLE VIEW BUSINESS ESTATE, GAS HOUSE ROAD, ROCHESTER, KENT. ME11PB Tel: 01634 818074

This continuation sheet is not valid if the serial number is not the same as the corresponding report.

IPR18

CONTINUATION SHEET: ELECTRICAL INSTALLATION CONDITION REPORT

SCH	EDULE OF CIRCUIT DETAILS ANI	Circuits/equipment vulnerable to damage when testing:																								
CODE	S For Type of wiring (A) Thermoplastic insulated / (n (D) Thermoplastic cables in metallic trunking	(D) Thermoplastic cables in (E) Thermoplastic cables in non-metallic trunking (F) Thermoplastic / SWA cables (G) Thermosetting / SW							NA cables (/A cables (H) Mineral-insulated cables (O) other - state															
Circuit number	Circuit description		Reference Method (BS 7671)	Number of points served		ictor csa		Protective	device		uit	Operating 3 current, I∆n 73	e* ted	Circuit impedance Ring final circuits only (measured end to end)			Ces (Ω) I All circuits (complete at least			Insulation resis		Polarity	Max. measured earth Bfault loop impedance, Zs	RCD operating time	Te butt	est ions
Circuit			Reference Metho (BS 7671)	Number of p	Live (mm²)	cpc		BS (EN)	Type	(e) (E	 Short-circuit capacity 	(Wavimum (Wavimum		(Line) r1	(Neutral) rn	(cpc)	one co (R₁+R₂)	olumn) R₂	Live / Live (MΩ)	Live / Earth (MΩ)	Test voltage DC (V)	Pol	Max. mea D ⁶ ault loop in	(ms)	RCD	AFDD
8L1	32A COMMANDO SOCKET	G	F	1	4	4	0.4	60898 MCCB	С	32	10).68				LIM		LIM	LIM	LIM		0.13			
8L2	32A COMMANDO SOCKET	G	В	1	5	5	0.4	60898 MCCB	С	32	10).68				LIM		LIM	LIM	LIM	\checkmark	0.16			
8L3	32A COMMANDO SOCKET	G	В	1	4	4	0.4	60898 MCCB	С	32	10).68				LIM		LIM	LIM	LIM	\checkmark	0.15			
9L1	32A COMMANDO SOCKET	G	F	1	4	4	0.4	60898 MCCB	С	32	10).68				LIM		LIM	LIM	LIM	\checkmark	0.14			
9L2	GENERAL POWER - DADO SOCKETS	G/E	В	5	4	4	0.4	60898 MCCB	С	32	10).68	0.28	0.28	0.28	0.15		LIM	LIM	500	\checkmark	0.23			
9L3	LIGHTING	В	В	6	2.5	2.5	0.4	60898 MCCB	С	10	10	2	2.18				0.50		LIM	LIM	500	\checkmark	0.68			
10L1	32A COMMANDO SOCKET	G	F	1	4	4	0.4	60898 MCCB	С	32	10).68				LIM		LIM	LIM	LIM	\checkmark	0.14			
10L2	SECURITY PANEL	D	В	1	4	4	0.4	60898 MCCB	С	20	10	1	.09				0.01		LIM	LIM	500	\checkmark	0.13			
10L3	SPARE																									
11L1	SPARE																									
11L2	SPARE																									
11L3	SPARE																									
12L1	SPARE																									
12L2	SPARE																									
12L3	SPARE																									
(to l	DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case) DB designation: DB/W/COMMS/LG Location of DB: LOWER GROUND FLOOR COMMS TESTED BY Signature: Name (capitals): GARY BARDRICK Position: APPROVED ELECTRICIAN Date: 22/01/2019 Date: 22/01/2019 Date: 22/01/2019 Date: 22/01/2019																									
	TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION Supply to DB is from: (MCCB 3) Nominal voltage: (400) V No. of phases: (3													ente (ente	TEST INSTRUMENTS (enter serial number against each instrument used) Multi-function: Continuity:											
	current protection device for the distribu	tion c	ircuit							Rating:)A		51 prices			(1012	17148) ((· · ·)
	ciated RCD (if any) Type: (BS EN 6094)	No. of poles: (<u>3</u>)	/∄\n) mA	Opera	ating tim	ie: () ms	(Insulation resistance: Earth fault loop impedance:								
Char	acteristics at this DB Confirmation of s	upply	polarit	y: (Ye	<u>s</u>)	Phas	e sequ	ence confirmed (wher	e appr				(<u>0.11</u>)Ω [_₹ (<u>3.28</u>) kA	Eart	n electro	ode resi	stance:) (RCD:)
Publish	oort is based on the model forms shown in App ed by Certsure LLP Certsure LLP or k House, Houghton Hall Park, Houghton Regis,	erates	the NIC	EIC &	ELECS	A brand	s	*Whe © Copyright Certsure				rom BS 70	671, state	e source:	()			Page 25	of	29



WEBSTER THOMAS ELECTRICAL LTD Electrical Contracting Engineers

UNIT 7, CASTLE VIEW BUSINESS ESTATE, GAS HOUSE ROAD, ROCHESTER, KENT. ME11PB Tel: 01634 818074

ADDITIONAL NOTES

ELECTRICAL INSTALLATION CONDITION REPORT

(see additional page No. <u>N/A</u>)

NOTES FOR RECIPIENT

THIS CONDITION REPORT IS AN IMPORTANT AND VALUABLE DOCUMENT WHICH SHOULD BE RETAINED FOR FUTURE USE

The purpose of periodic inspection is to determine, so far as is reasonably practicable, whether an electrical installation is in a satisfactory condition for continued service. This report provides an assessment of the condition of the electrical installation identified overleaf at the time it was inspected and tested, taking into account the stated extent of the installation and the limitations of the inspection and testing.

This report has been issued in accordance with the national standard for the safety of electrical installations, BS 7671: 2018 – Requirements for Electrical Installations.

The report identifies any damage, deterioration, defects and/or conditions found by the inspector which may give rise to danger (see PART 6), together with any items for which improvement is recommended.

If you were the person ordering this report, but not the user of the installation, you should pass this report, or a ful copy of it including these notes, the schedules and additional pages (if any), immediately to the user.

This report should be retained in a safe place and shown to any person inspecting or undertaking further work on the electrical installation in the future. If you later vacate the property, this report will provide the new user with an assessment of the condition of the electrical installation at the time the periodic inspection was carried out.

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 every six months. For safety reasons it is important that this instruction is followed.

For safety reasons, the electrical installation should be re-inspected at appropriate intervals by a skilled person or persons, competent in such work. NICEIC* recommends that you engage the services of an NICEIC Approved Contractor for the inspection.

The recommended date by which the next inspection should be carried out is stated in PART 5 of this report. There should also be a notice at or near the main switchboard or distribution board/consumer unit indicating when the next inspection of the installation is due.

Only an NICEIC Approved Contractor or Conforming Body is authorised to issue this NICEIC Electrical Installation Condition Report. You should have received the report marked 'Original' and the Approved Contractor should have retained the report marked 'Duplicate'.

This report form is intended to be issued only for the purpose of reporting on the condition of an existing electrical installation and must not be issued to certify new electrical installation work including the replacement of a distribution board or consumer unit.

The report consists of at least six numbered pages. Additional numbered pages may have been provided to permit further relevant information relating to the installation to be recorded. For installations having more than one distribution board or more circuits than can be recorded on PART 12, one or more additional Schedules of Circuit Details and Test Results should form part of the report. The report is invalid if any of the schedules identified in PART 10 are missing. The report has a printed seven-digit serial number, which is traceable to the Approved Contractor to which it was supplied by NICEIC.

PART 7 (Details 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.

Operational limitations may have been encountered during the inspection such as inability to gain access to parts of the installation or to an item of equipment. The inspector should have noted any such limitations in PART 7. It should be noted that the greater the limitations applying to a report, the less its value from the safety aspect.

A declaration should have been given by the inspector in PART 4 of the report. The declaration must reflect the statement given in PART 3, which summarises the observations and recommendations made in PART 6. Where one or more observations have been made in PART 6, the Classification code given to each by the inspector indicates the degree of urgency with which remedial action needs to be taken to restore the installation to a safe working condition.

Where the inspector has indicated an observation as code C1 (danger present) the safety of those using the installation is at risk. Wherever practicable, items classified as (C1) should be made safe on discovery, and it is recommended that a skilled person(s) competent in electrical installation work undertakes the necessary remedial work immediately.

Where the inspector has indicated an observation as code C2 (potentially dangerous) the safety of those using the installation may be at risk, and it is recommended that a skilled person(s) competent in electrical installation work undertakes the necessary remedial work as a matter of urgency.

Where the inspector has indicated that an item requires further investigation (FI), the investigation should be carried out without delay to determine whether danger or potential danger exists. For further guidance on the Classification codes, please see the reverse of page 2.

Where the installation can be supplied by more than one source, such as the public supply and a standby generator or microgenerator, this should be identified in PART 8 Supply Characteristics and Earthing Arrangements, and the Schedules of Circuit Details and Test Results (PART 12) compiled accordingly.

Where inadequacies in the intake equipment have been observed (Item 1 of PART 10), the person ordering the inspection should inform the distributor and/or supplier as appropriate.

Should the person ordering this report have reason to believe that it does not reasonably reflect the condition of the electrical installation reported on, that person should in the first instance raise the specific concerns in writing with the Approved Contractor. If the concerns remain unresolved, the person ordering this report may make a formal complaint to NICEIC, for which purpose a complaint form is available on request.

The complaints procedure offered by NICEIC is subject to certain terms and conditions, full details of which are available upon application. NICEIC does not investigate complaints relating to the operational performance of electrical installations (such as lighting levels), or to contractual or commercial issues (such as time or cost).

* NICEIC is operated by Certsure LLP, a partnership between the Electrical Contractors' Association and the charity, Electrical Safety First. NICEIC maintains and publishes registers of electrical contractors that it has assessed against particular scheme requirements (including the technical standard of electrical work).

© Copyright Certsure LLP (July 2018)

For further information about electrical safety and how NICEIC can help you, visit www.niceic.com

GUIDANCE FOR RECIPIENTS ON THE CLASSIFICATION CODES

Only one Classification code should be given for each recorded Observation

Classification code C1 (Danger present)

Where an observation has been given a Classification code C1, the safety of those using the installation is at risk and immediate remedial action is required.

The person responsible for the maintenance of the installation is advised to take action without delay to remedy the observed deficiency in the installation, or to take other appropriate action (such as switching off and isolating the affected part(s) of the installation) to remove the danger. The NICEIC Approved Contractor issuing this report will be able to provide further advice.

NICEIC makes available 'Electrical Danger Notification' forms to enable inspectors to record, and then to communicate to the person ordering the report, any dangerous condition discovered.

Classification code C2 (Potentially dangerous)

Classification code C2 indicates that, whilst those using the installation may not be at immediate risk, urgent remedial action is required to remove potential danger. The NICEIC Approved Contractor issuing this report will be able to provide further advice.

It is important to note that the recommendation given at PART 5 of this report (Next Inspection) for the maximum interval until the next inspection is conditional upon all items which have been given a Classification code C1 and code C2 being remedied immediately and as a matter of urgency, respectively.

It would not be reasonable for the inspector to indicate that the installation is in a satisfactory condition if any observation in this report has been given a code C1 or code C2 classification.

Classification code C3 (Improvement recommended)

Where an observation has been given a Classification code C3, the inspection and/or testing has revealed a non-compliance with the current safety standard which, whilst not presenting immediate or potential danger, would result in a significant safety improvement if remedied. Careful consideration should be given to the safety benefits of improving these aspects of the installation. The NICEIC Approved Contractor issuing this report will be able to provide further advice.

Code FI (Further investigation required without delay)

It should usually be possible for the inspector to attribute a Classification code to each observation without indicating a need for further investigation.

However, where 'FI' has been entered against an observation the inspector considers that further investigation of that observation is likely to reveal danger or potential danger that, due to the agreed extent or limitations of the inspection and/or testing, could not be fully identified at the time.

It would not be appropriate for the inspector to indicate that the installation is in a satisfactory condition if there is reasonable doubt as to whether danger or potential danger exists. Consequently, where the inspector has indicated 'Further investigation required without delay' (FI) the overall assessment of the installation (PART 3) should be marked as 'Unsatisfactory'.

If the inspector has indicated that an observation requires further investigation without delay, the person ordering this report is advised to arrange for the NICEIC Approved Contractor issuing the report (or another skilled person or persons competent in such work) to undertake further examination of that aspect of the installation as a matter of urgency, to determine whether or not danger or potential danger exists.

Further information

Further information on the application of Classification codes, primarily aimed at inspectors but of possible interest to persons ordering condition reports, can be found in Electrical Safety First's Best Practice Guide No 4 Electrical installation condition reporting: Classification Codes for domestic and similar electrical installations. The guide can be viewed or downloaded free of charge from www.electricalsafetyfirst.org.uk

For further information about electrical safety and how NICEIC can help you, visit www.niceic.com



WEBSTER THOMAS ELECTRICAL LTD Electrical Contracting Engineers

UNIT 7, CASTLE VIEW BUSINESS ESTATE, GAS HOUSE ROAD, ROCHESTER, KENT. ME11PB Tel: 01634 818074

CONTINUATION SHEET: ELECTRICAL INSTALLATION CONDITION REPORT

AGREED LIMITATIONS INCLUDING THE REASONS, IF ANY, ON THE INSPECTION AND TESTING - CONTINUED

NO ACCESS TO MAIN INCOMING SUPPLYING MCCB CHAMBERS FCU IN RECEPTION DB/SP/REC/1L1 & DB/SP/REC/2L1 UNTRACEABLE DB/MECH/2/11L1 SERVREY EXTRACT UNTRACEABLE DB/MECH/2/11L2 W/C EXTRACT UNTRACEABLE DB/SP/ROOF/2L1 UPRIGHT FRIDGE 1 UNTRACEABLE DB/LT/REC/4L1 RECEPTION LIGHTING. NO TESTING POINT COULD BE FOUND (LED LIGHTING)

(see additional page No. N/A)