



28018624

EICR18.2c

ELECTRICAL INSTALLATION CONDITION REPORT

PART 1: DETAILS OF THE CONTRACTOR, CLIENT AND	INSTALLATION									
DETAILS OF THE CONTRACTOR Registration No: 618089000 Branch No*: 000 Trading Title: MteK Solutions Electrical & Security Address: 7 Heather Close, Ash Vale, Surrey Postcode: GU12 5EP Tel No: 07794630655	DETAILS OF THE CLIENT Contractor Reference Number (CRN): JB00730 Name: A1 Wokingham Car Spares AddressA1 Wokingham Car Spares & Scrap Birch, Highland Avenue, Wokingham, Be Postcode: RG41 4SP Tel No: N/A	o Metal, Silver rkshire	DETAILS OF THE INSTALLATION Occupier: N/A UPRN: N/A Address: A1 Wokingham Car Spares & Scrap Metal, Birch, Highland Avenue, Wokingham, Berkshire Postcode: RG41 4SP Tel No: N/A	Silver						
PART 2 : PURPOSE OF THE REPORT										
Purpose for which this report is required: Scheduled Report Date(s) when inspection and testing was carried out: (30/06/2021)	Records available (651.1): ()	Previous inspection report availab	le (651.1): ()						
PART 3: SUMMARY OF THE CONDITION OF THE INST	ALLATION									
General condition of the installation (in terms of electrical safety): In my professional opinion, the electrical installation at the time of testing is in a satisfactory condition Description of premises Dwelling: N/A De										
PART 4: DECLARATION										
INSPECTION AND TESTING I/We, being the person responsible for the inspection and testing of the electrical installation (declare that the information in this report, including the observations (PART 5) and the attache Name (capitals) on behalf of the contractor identified in PART 1: MICHAEL SLATCHEI I/We further RECOMMEND, subject to the necessary remedial action being taken, that the inst Give reason for recommendation: Industrial workplace The proposed date for the next inspection should take into consideration any legislative or licensing required.	ed Schedules, provides an accurate assessment of the corp. R Signallation is inspected and tested by: 30/06/2024	ndition of the electrical installation takin nature:(date)	ng into account the stated extent and limitations in PART 6 of this repo Date: 30/06/2021	rt.						
REVIEWED BY THE REGISTERED QUALIFIED SUPERVISOR FOR THE CONT Name (capitals) on behalf of the contractor identified in PART 1: MICHAEL SLATCHE		nature:	Date: 30/06/2021							





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PART 5: OBSERVATIONS							
	as been allocated to each of the observations made of or the electrical installation the degree of urgency	Code C1 Danger Present Risk of injury. Immediate remedial action required	Code C2 Potentially Dangerous Urgent remedial action required		Code FI Further Investigation Required		
Referring to the Schedule of Items Inspected (se	e PART 9), the attached Schedule of Circuit Details and Tes	st Results (see PART 11A & 11B), and subject	to any agreed limitations listed in PART	6 -			
No remedial action is required (), OR	The following observations are made:						
Item No	O	Observation(s)			Code	Location Reference	
())	()	()	
())	()	()	
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to the second se	(N/A	, .		NI/A		: (N/A	
Immediate remedial action required for items:	/	,	ement recommended for items:	,		·····,	
Urgent remedial action required for items:	(.N/A) Further	r investigation required for items:	(.N/A)	





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PART 6: DETAILS AND LIMITAT	IONS OF THE INSPECTION AND	TESTING		
of the building or underground, have not been visually	inspected unless specifically agreed between the Client	and the Inspector prior to inspection.	nduits, or cables and conduits concealed under floors, in inaccessible ro	
Agreed limitations including the reasons, if any, on the				,
			Agreed with (print name): N/A	
Extent of sampling:30% accessories Operational limitations including the reasons: No ir				, , ,
PART 7: SUPPLY CHARACTERIS	STICS AND EARTHING ARRANGE	MENTS		
$\begin{tabular}{lll} \textbf{System type and earthing arrangements} \\ & & & & & & & & & & & & & & \\ & & & & & & & & & & & & \\ & & & & & & & & & & & \\ & & & & & & & & & & \\ & & & & & & & & & & \\ \textbf{TT: (N/A)} & & & & & & & & \\ & & & & & & & & & \\ \textbf{Supply protective device} \\ & & & & & & & & & \\ \textbf{BS EN: (1361)} & & & & & & & \\ \hline \end{tabular} $	TN-C-S: () AC 1-phase, 2- 3-phase, 3- DC 2-wire: (N	-wire: (N/A) 3-phas N/A 0ther: (N/A) 0ther: (N/A) 0ther: (N/A)	Nature of supply parameters Nominal voltage between lines, $U^{[1]}$: Nominal line voltage to Earth, $U_0^{[1]}$: Nominal frequency, $f^{[1]}$: Page No: $\binom{N/A}{}$ Page No: $\binom{N/A}{}$ External earth fault loop impedance, $Z_e^{[2]*}$:	(400) V (230) V (230) Hz (0.11) kA (2.3) Ω
PART 8 : PARTICULARS OF INS	TALLATION REFERRED TO IN THI	S REPORT		
$\begin{tabular}{lllllllllllllllllllllllllllllllllll$	Main protective conductors Earthing conductor: (material Copper) csa (1.6) mm² Connection/continuity verified: (✔) Main protective bonding conductors: (material Copper) csa (1.0) mm² Connection/continuity verified: (✔)	Main protective bonding connections Water installation pipes: (N/A Gas installation pipes: (N/A Structural steel: (N/A Oil installation pipes: (N/A Lightning protection: (N/A Other (state): N/A (N/A N/A (N/A	BS EN: $(6.0947-3)$ Type: (3) No. of poles: (4) Current rating: (1.00) A Where an RCD is used as the main switch RCD rated residual operating current, $I_{\Delta n}$: (NA) mA Rated time delay: (NA) ms	Rating / setting of device: (1.00) A Voltage rating: (4.00) V RCD Type: (A.C) easured operating time: (N.A) ms

All fields must be completed. Enter either, as appropriate: '

' 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 5, with additional comments (where appropriate) on attached numbered sheets)

^{*}Where the installation is supplied by more than one source, the higher or highest values of prospective fault current, I_{pf} , and external earth fault loop impedance, Z_e , must be recorded.





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PART 9: SCHEDULE OF ITEMS INSPECTED (enter /, N/A or Classification Code C1, C2, C3 or FI, as applicable)

1.0 Intake equipment (visual inspection only)	 Accessibility of all protective bonding connections (543.3.2) Provision of earthing / honding labels at all appropriate locations (514.131) Confirmation that integral test button / switch, where present, causes AFDD to trip when operated (643.10) 	(v)
An outcome against an item in section 1.1, other than access to live parts, should not be used to determine the overall assessment of the installation. Where inadequacies are identified, a cross	Trovision of cut tilling / bortaining labels at all appropriate locations (or fallon) ()	(
should be put against the appropriate item and a comment made in Part 5 of this report.	3.2 FELV - requirements satisfied (411.7) (🗾) 4.17 Presence of diagrams, charts or schedules at or near equipment, where required (514.9.1)	(.
1.1 Distributor / supplier intake equipment	3.3 Other methods of protection 4.18 Presence of alternative supply warning notice at or near equipment,	(,
Service cable ()	Where any of the methods listed below are employed, details should be provided on separate sheets where required (514.15)	(.
■ Service head (• Non-conducting location (418.1) (
■ Earthing arrangement (Earth-free local equipotential bonding (418.2) () where required (514.12.1)	(•)
• Meter tails ()	• Electrical separation (413; 418.3) ((🟏)
Metering equipment ()	■ Double insulation (412) (
■ Isolator, where present (■ Reinforced insulation (412) correct type and rating (no signs of unacceptable thermal damage,	
Where inadequacies in the intake equipment are encountered, which may result in a dangerous or	 Provisions where automatic disconnection of supply is not feasible (419) (/) 	()
potentially dangerous situation, the person ordering the work and / or dutyholder must be informed.	4.22 Single-pole switching or protective devices in line conductors only (132.14.1; 530.3.3)	(.⁄)
It is strongly recommended that the person ordering the work informs the appropriate authority.	4.1 Adequacy of working space / accessibility to equipment (132.12; 513.1) (
1.2 Consumer's isolator, where present ()	4.2 Security of fixing (134.1.1) () (522.8.1; 522.8.1)	(.)
1.3 Consumer's meter tails ()	4.3 Condition of insulation of live parts (416.1) (, ,
2.0 Presence of adequate arrangements for parallel or switched alternative sources	4.4 Adequacy security of barriers or enclosures (416.2.3) ((🖌)
2.1 Adequate arrangements where a generating set operates as a switched	4.5 Condition of enclosure(s) in terms of IP rating, etc. (416.2) 5.0 Distribution circuits	
alternative to the public supply (551.6) ()	4.6 Condition of enclosure(s) in terms of fire rating, etc. (421.1.201; 421.1.6; 526.5) ((•)
2.2 Adequate arrangements where a generating set operates in parallel	4.7 Enclosure not damaged / deteriorated so as to impair safety (651.2) (()
with the public supply (551.7) (4.8 Presence and effectiveness of obstacles (417.2) ((v)
3.0 Methods of protection	4.9 Presence of main switch(es), linked where required (462.1; 462.1.201; 462.2) (()
3.1 Automatic disconnection of supply (ADS)	4.10 Operation of main switch(es) (functional check) (643.10) ((.⁄.)
Main earthing / bonding arrangement (411.3; Chap. 54) ()	4.11 Manual operation of circuit-breakers, RCDs and AFDDs to prove 5.5 Suitability of containment systems for continued use	,
• Presence of distributor's earthing arrangement (542.1.2.1; 542.1.2.2), or	functionality (643.10) (V) (including flexible conduit) (522)	()
presence of installation earth electrode arrangement (542.1.2.5)	4.12 Confirmation that integral test button / switch causes RCD(s) to trip 5.6 Cables correctly terminated in enclosures (526)	()
Adequacy of earthing conductor size (542.3; 543.1.1)	when operated (functional check) (643.10) (
Adequacy of earthing conductor connections (542.3.2) ()	4.13 RCD(s) provided for fault protection - includes RCBOs busbars, are correctly located in terminals and are tight and secure (526)	.1) ()
Accessibility of earthing conductor connections (543.3.2)	(411.4.204; 411.4.5; 411.5.2; 531.2) (🛩) 5.8 Examination of cables for signs of unacceptable thermal or mechanical	
Adequacy of main protective bonding conductor sizes (544.1.1)	4.14 RCD(s) provided for additional protection / requirements, where required - damage / deterioration (421.1; 522.6)	()
Adequacy and location of main protective bonding conductor	includes RCBOs (411.3.3; 415.1) () 5.9 Adequacy of cables for current-carrying capacity with regard for the type of t	ре
connections (544.1.2) ()	4.15 Presence of RCD six-monthly test notice, where required (514.12.2) (()





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PART 9: SCHEDULE OF ITEMS INSPECTED (e	er √, N/A or Classification Code C1, C2, C3 or FI, as applicable)	
 5.10 Adequacy of protective devices; type and rated current for fault protection (411.3) 5.11 Presence and adequacy of circuit protective conductors (411.3.1.1; 543.1) 5.12 Coordination between conductors and overload protective devices (433.1; 533.2.1) 5.13 Cable installation methods / practices with regard to the type and nature of installation and external influences (522) 5.14 Where exposed to direct sunlight, cable of a suitable type (522.11.1) 5.15 Cables concealed under floors, above ceilings, in walls / partitions, adequately protected against damage (522.6.201; 522.6.202; 522.6.203; 522.6.204) – Installed in prescribed zones (see Section D. Extent and limitations) (522.6.202) Incorporating earthed armour or sheath, or run within earthed wiring system, or otherwise protected against mechanical damage by nails, screws and the like (see Section D) (522.6.201; 522.6.204) 5.16 Provision of fire barriers, sealing arrangements and protection against thermal effects (527) 5.17 Band II cables segregated / separated from Band I cables (528.1) 5.18 Cables segregated / separated from non-electrical services (528.3) 5.19 Condition of circuit accessories (651.2) 5.20 Suitability of circuit accessories for external influences (512.2) 5.21 Single-pole switching or protective devices in line conductors only (132.14.1; 530.3.3) 5.22 Adequacy of connections, including cpcs, within accessories and to fixed and stationary equipment - identify / record numbers and 	6.2 Cables correctly supported throughout their run (5210.202; 522.8.5) 6.3 Condition of insulation of live parts (416.1) 6.4 Non-sheathed cables protected by enclosure in conduit, ducting or trunking (5210.1) 6.5 Suitability of containment systems for continued use (including flexible conduit) (522) 6.6 Adequacy of cables for current-carrying capacity with regard for the type and nature of installation (523) 6.7 Adequacy of protective devices; type and rated current for fault protection (411.3) 6.8 Presence and adequacy of circuit protective conductors (413.31; 543.1) 6.9 Co-ordination between conductors and overload protective devices (4331; 533.21) 6.10 Wiring system(s) appropriate for the type and nature of the type and external influences (522) 6.10 Wire exposed to direct sunlight, cable of a suitable type (522.11) 6.11 Cables concealed in walls / partitions containing metal parts regardless of depth (522.8.203) • "For final circuits supplying luminaires within domestic (household) premises (413.4) • "For final circuits supplying luminaires within domestic (household) premises (413.4) • "For final circuits supplying luminaires within domestic (household) premises (413.4) • "For final circuits supplying luminaires within domestic (household) premises (413.4) • "For final circuits supplying luminaires within domestic (household) premises (413.4) • "For final circuits supplying luminaires within domestic (household) premises (413.4) • "For final circuits supplying luminaires within domestic (household) premises (413.4) • "For final circuits supplying luminaires within domestic (household) premises (413.4) • "For final circuits supplying luminaires within domestic (household) premises (413.4) • "Older installations designed prior to 87.71: 2018 may not have required RCDs for additional protection against thermal effect (526.1) • Cable segregated / separated from Band I cables (528.3) • Termination of cables at enclosures - identify / record numbers and locations of items inspected (526.5) • No ba	
fixed and stationary equipment - identify / record numbers and locations of items inspected (526) 5.23 Presence, operation and correct location of appropriate devices for isolation and switching (Chap. 46; 537)	current not exceeding 30 mA - *For all socket-outlets of rating 32 A or less (411.3.3) *Additional protection by RCD may not have been provided as a noted exception in certain non-domestic installations covered by indent (ii) of Regulation 411.3.3. *Presence and condition of appropriate devices (462; 537.2) *Acceptable location - state if local or remote from equipment in question (462; 537.2.7) *Capable of being secured in the OFF position (462.3)	
5.24 General condition of wiring system (651.2) 5.25 Temperature rating of cable insulation (522.1.1; Table 52.1) 6.0 Final circuits 6.1 Identification of conductors (514.3)	for use outdoors (411.3.3) for use outdoors (411.3.3) *To cables concealed in walls at a depth of less than 50 mm (Conceangle) *To cables concealed in walls at a depth of less than 50 mm (Conceangle) *To cables concealed in walls at a depth of less than 50 mm (Conceangle)	





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PART 9: SCHEDULE OF ITEMS INSPECTED	(enter ✓, N/A	or Classification Code C1, C2, C3 or FI, as applicable)	
7.2 Switching off for mechanical maintenance –		8.5 Security of fixing (134.1.1) • Low voltage (e.g. 230 volt) socket-outlets **Zone 1 (701.512.3)	sited at least 2.5 m from
 Presence and condition of appropriate devices (464.1; 537.3.2) Capable of being secured in the OFF position where not under continuous supervision (464.2) 	()	 8.6 Cable entry holes in ceiling above luminaires, sized or sealed so as to restrict the spread of fire: list number and location of luminaires inspected (separate page) (527.2) Suitability of equipment for external influe in terms of IP rating (701.512.2) 	
 Correct operation verified (643.10) Clearly identified by position and / or durable marking (537.3.2.4) 7.3 Emergency switching off – Presence and condition of appropriate devices (465; 537.3.3; 537.4) Readily accessible for operation where danger might occur (537.3.3. Correct operation verified (643.10) 	() ()	 8.7 Recessed luminaires (downlighters) – Correct type of lamps fitted (559.3.1) Installed to minimise build-up of heat by use of "fire rated" fittings, insulation displacement box or similar (421.1.2) No signs of overheating to surrounding building fabric (559.4.1) No signs of overheating to conductors / terminations (526.1) Suitability of accessories and controlgear zone (701.512.3) Suitability of current-using equipment for the location (701.55) 9.2 Other special installations or locations – N/A 	()
 Clearly identified by position and / or durable marking (537.3.3.5; 537.3.3.6; 537.4.3; 537.4.4) 7.4 Functional switching – Presence and condition of appropriate devices (537.3.1.1; 537.3.1.2) 	()	9.0 Special locations and installations Where special installations or locations relating to a particular Section of Part 7, an additional Inspection Schedule(s) should be provided on separate pages. 9.1 Location(s) containing a bath or shower –	() () ()
Correct operation verified (643.10) 8.0 Current-using equipment (permanently connected) 8.1 Condition of equipment in terms of IP rating, etc. (416.2; 422.3; 422.4; 522.4)	()	 Additional protection by RCD having rated residual operating current not exceeding 30 mA for all low voltage (LV) circuits serving the location or passing through zones 1 and / or 2 of the location (701.411.3.3) Where used as a protective measure, requirements for SELV or PELV 	
 8.2 Equipment does not constitute a fire hazard (421) 8.3 Enclosure not damaged / deteriorated so as to impair safety (134.1.1; 416.2) 8.4 Suitability for the environment and external influences (512.2) 	() ()	met (701.414.4.5) Shaver supply units complying with BS EN 61558-2-5 formerly BS 3535 (701.512.3) Presence of supplementary bonding conductors, unless not required by BS 7671: 2018 (701.415.2) Schedule of Items Inspected by Name (capitals): MICHAEL SLATCHER Signature:	Date: 30/06/2021
PART 10 : SCHEDULES AND ADDITIONAL F	AGES (the pa	ges identified are an essential part of this report (see Regulation 653.2))	
Schedule of Inspections Schedule of Circuit Detail Results for the installation Page No(s): (n 1	for additional sources (indicated in item 9.2 above) installations (indicated in item 10 above)	ontinuation sheets age No(s): (None)





PA	PART 11A: SCHEDULE OF CIRCUIT DETAILS (GO TO Part 11B 'Schedule of Test Results' to enter test results for the corresponding circuit listed in this part)															
_						onductor er & csa)	ection 571)		Overcurre	nt protective de	vice		RCD			
Circuit number	Circuit description	Type of wiring (see footer to PART 11B)	Reference Method (BS 7671)	Number of points served	Live (mm²)	cpc (mm²)	(G) Max. disconnection time (BS 7671)	BS (EN)	Туре	Rating (A)	Short- circuit capacity (kA)	Maximum permitted Zs*	BS (EN)	Туре	Rating (A)	Operating current, I _{An} (mA)
1	Sockets	Α	Α		2x2.5	2x1.5	0.4	61009	В	32	6	1.37	61008	A	32	30
2	Lights	A	А		1	1	0.4	61009	В	6	6	7.28	61008	A	6	30
3	Immersion	А	А		2.5	1.5	0.4	61009	В	16	6	2.73	61008	Α	16	30
4	Immersion	Α	А		2.5	1.5	0.4	61009	В	16	6	2.73	61008	Α	16	30
5	Lights	Α	А		1	1	0.4	61009	В	6	6	7.28	61008	Α	6	30
6	Old Kitchen	Α	А		2x2.5	2x1.5	0.4	61009	В	32	6	1.37	61008	Α	32	30
7	Lights	Α	А		1	1	0.4	61009	В	6	6	7.28	61008	Α	6	30
8	Signal Booster	Α	А		2.5	1.5	0.4	61009	В	16	6	2.73	61008	Α	16	30
	Fire Alarm	Α	Α		2.5	1.5	0.4	61009	В	16	6	2.73	61008	Α	16	30
	Meeting Room	Α	Α		2x2.5	2x1.5	0.4	61009	В	32	6	1.37	61008	Α	32	30
	Upstairs Office Ring	Α	Α		2x2.5	2x1.5	0.4	61009	В	32	6	1.37	61008	Α	32	30
	Russell & Clive Office	A	А		2x2.5	2x1.5	0.4	61009	В	32	6	1.37	61008	Α	32	30
	Up Office Lights	Α	Α		1	1	0.4	61009	В	6	6	7.28	61008	Α	6	30
	Hob	A	А		6	2.5	0.4	61009	В	32	6	1.37	61008	Α	32	30
	AC	Α	Α		2.5	1.5	0.4	61009	В	10	6	4.37	61008	Α	16	30
	AC	Α	Α		2.5	1.5	0.4	61009	В	10	6	4.37	61008	Α	16	30
	Hob	Α	Α				0.4	61009		32	6	1.37	61008	Α	32	30
	Fire Alarm By Office	A	Α		2.5	1.5	0.4	61009	В	16	6	2.73	61008	A	16	30
DISTRIBUTION BOARD (DB) DETAILS (complete in every case) DB designation: DB1 Location of DB: Plant Room **SPD Type. Where combined T1 + T2 or T2 + T3 device is installed, indicate by ticking bot Type brackets.								OMPLETED ONLY DB is from: N/A					Y TO THE ORIGIN	OF THE	INSTALLA	TION
	Ition of DB:	Where T3 to protect	Type brackets. Where T3 devices are installed on a circuit to protect sensitive equipment, enter details in (Comments' (PART 118))			Overcurrent protective device for the distribution circuit BS (EN): (N/A) Type: () Nominal voltage: (N/A) V Rating: (N/A) A No. of phases: (N/A)										
	Details** Types: T1 ($\cancel{N/A}$) T2 ($\cancel{N/A}$) T3 ($\cancel{N/A}$) N/A us indicator checked (where functionality indicator is present):	() (N/A ()	(See Secti Note that	details in 'Comments' (PART 11B), (See Section 534 for further details). Note that not all SPDs have visible functionality indication.				Associated RCD (if any) BS (EN): (N/A								

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PA	RT 11B :	SCHE	DULE O	F TEST	RESUL	TS (MUS	ST reflect	circuits e	ntere	d into 'Scl	hedule o	f Circu	it Details	' in Part 11A)	
L			Continuity (Ω)			Ins	ulation resis	tance	ity	ured loop 3, Zs	R	CD	AFDD**		
Circuit number		j final circuits o asured end to e		All cir (complete a colu	at least one	Live / Live	Live / Earth	Test voltage DC	Polarity	Max. measured earth fault loop impedance, Zs	Operating time*	Test button	AFDD test button	Comments and additional information	n, where required
	(Line) r ₁	(Neutral) r _n	(cpc) r ₂	(R ₁ + R ₂)	R ₂	(MΩ)	(MΩ)	(V)	(\sigma)	(Ω)	(ms)	(1)	(V)		
							200	250	V	0.94	18	/	N/A		
:							200	250	1	1.42	16	1	N/A		
1							200	250	V	0.46	18	/	N/A		
							200	250	/	0.46	18	~	N/A		
;							200	250	/	1.44	16	/	N/A		
i							200	250	/	0.94	18	/	N/A		
'							200	250	/	1.65	16	/	N/A		
1							200	250	/	0.65	18	~	N/A		
							200	250		0.55	18		N/A		
							200	250		0.84	18	/	N/A		
							200	250		0.74	18	/	N/A		
							200	250		0.74	18	/	N/A		
							200 200	250 250		1.75 0.54	16 18	<i>\</i>	N/A N/A		
							200	250		0.34	18	<i>V</i>	N/A		
							200	250		0.46	18	<i>V</i>	N/A		
							200	250		0.54	18	<i>V</i>	N/A		
							200	250			18	<i>'</i>	N/A		
Circu	iits/equipme	nt vulnerabl	le to damage	when testing	g (where app	olicable): N/									
	STED BY									n: QS				Signature:	Date: 30/06/2021
	TINSTRU i-function:	MENTS (ENTER SEI			NST EACH	I INSTRUI	WENT USE				F-	#h fa #	Fourth plantage works	l pep.
	N/A										p impedance: Earth electrode resistance:	RCD:			
N/.														N/A	· · · · · · · · · · · · · · · · · · ·
RCD	effectivene	ss is verifi	ed using an	alternating	current tes	st at rated i	esidual op	erating curr	ent (I _{∆n})			,	t all AFDDs have a test function. Where a circuit contains an Al and additional information, where required' column.	FDD this should be stated in the field for that

(B)

Thermoplastic cables in metallic conduit

Thermoplastic cables in non-metallic conduit

(C)

Thermoplastic cables in metallic trunking

(E)

(D)

Thermoplastic insulated / sheathed cables

CODES for Type of wiring

(F)

Thermoplastic / SWA cables (G) Thermosetting / SWA cables

Thermoplastic cables in non-metallic trunking

(H) Mineral-insulated cables Other (state) N/A





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CONTINUATION SHEET: EIC and EICR

PA	PART A: SCHEDULE OF CIRCUIT DETAILS (GO TO Part B 'Schedule of Test Results' to enter test results for the corresponding circuit listed in this part)															
_		л 18)				conductor er & csa)	ection 371)		Overcurre	nt protective de	evice		RCD			
Circuit number	Circuit description	Type of wiring (see footer to PART B)	Reference Method (BS 7671)	Number of points served	Live (mm²)	cpc (mm²)	(G) Max. disconnection time (BS 7671)	BS (EN)	Туре	Rating (A)	Short- circuit capacity (kA)	Maximum permitted Zs*	BS (EN)	Туре	Rating (A)	Operating current, I _{An} (mA)
	Floor Sockets	Α	Α		2x2.5	2x1.5	0.4	61009	В	32	6	1.37	61008	A	32	30
	Floor Sockets	Α	Α		2x2.5	2x1.5	0.4	61009	В	32	6	1.37	61008	A	32	30
	Floor Sockets	А	А		2x2.5	2x1.5	0.4	61009	В	32	6	1.37	61008	Α	32	30
	Floor Sockets	А	А		2x2.5	2x1.5	0.4	61009	В	32	6	1.37	61008	Α	32	30
	Floor Sockets	А	А		2x2.5	2x1.5	0.4	61009	В	32	6	1.37	61008	Α	32	30
	Floor Sockets	А	A		2x2.5	2x1.5	0.4	61009	В	32	6	1.37	61008	Α	32	30
	Dado	А	Α		2x2.5	2x1.5	0.4	61009	В	32	6	1.37	61008	Α	32	30
	Dado	А	А		2x2.5	2x1.5	0.4	61009	В	32	6	1.37	61008	Α	32	30
	Dado	Α	Α		2x2.5	2x1.5	0.4	61009	В	32	6	1.37	61008	Α	32	30
	Hand Dryer	А	А		2.5	1.5	0.4	61009	В	16	6	2.73	61008	Α	16	30
	Hand Dryer	Α	Α		2.5	1.5	0.4	61009	В	16	6	2.73	61008	Α	16	30
	Hand Dryer	А	Α		2.5	1.5	0.4	61009	В	16	6	2.73	61008	Α	16	30
	Hand Dryer	Α	А		2.5	1.5	0.4	61009	В	16	6	2.73	61008	Α	16	30
	Disabled Alarm	Α	Α		2.5	1.5	0.4	61009	В	16	6	2.73	61008	Α	16	30
	Taps	Α	Α		2.5	1.5	0.4	61009	В	16	6	2.73	61008	Α	16	30
	Lights	Α	Α		1	1	0.4	61009	В	6	6	7.28	61008	Α	6	30
	Lights	Α	Α		1	1	0.4	61009	В	6	6	7.28	61008	Α	6	30
			***ODD T							ļ						
DBd	TRIBUTION BOARD (DB) DETAILS (complete in every c esignation:DB1 tion of DB:Plant Room			mbined T1 nstalled, in	+ T2 or T2 - dicate by tio											
Conf	Z_{db} : Ω	to protect details in	sensitive e Comments	e installed of equipment, of (PART B),	enter	Overcurrent protective device for the distribution circuit BS (EN): (N/A) Type: () Nominal voltage: (N/A) V Rating: (N/A) A No. of phases: (N/A)										
	Details** Types: T1 (N/A) T2 (N/A) T3 (N/A) N/A is indicator checked (where functionality indicator is present):	() (N/A ()	`	not all SPE	further detangles further deta	,		ed RCD (if any) N/A) RCD Type	e: (N/A)	ι _{Δη} : (N/A) mA N	No. of poles: (N/A) Opera	ting time: (N	/A) ms





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CONTINUATION SHEET: EIC and EICR

Issued in accordance with BS 7671: 2018+A2:2022 - Requirements for Electrical Installations

PA	RTB:	SCHEDU	JLE OF	TEST R	ESULTS	S (MUST	reflect ci	rcuits ent	ered i	nto 'Sche	dule of (Circuit	Details' i	' in Part A)
	Continuity (Ω)			Ins	ance	_	loop e, Zs	R	CD	AFDD**				
Circuit number		g final circuits o		(complete	rcuits at least one umn)	Live / Live	Live / Earth	Test voltage DC	Polarity	Wax. measured earth farit loop impedance / Z/s operating time* button			AFDD test button	Comments and additional information, where required
	(Line) r ₁	(Neutral) r _n	(cpc) r ₂	(R ₁ + R ₂)	R ₂	(MΩ)	(ΜΩ)	(V)	(1)	(Ω)	(ms)	(1)	(1)	
							200	250	1	0.49	18	~	N/A	
							200	250	~	0.49	18	/	N/A	
							200	250	1	0.57	18	/	N/A	
							200	250	'	0.41	18	/	N/A	
							200	250	1	0.62	18	/	N/A	
							200	250	~	0.51	18	/	N/A	
							200	250	1	0.49	18	/	N/A	
							200	250	~	0.47	18	_	N/A	
							200	250	/	0.43	18	/	N/A	
							200	250	1	0.31	18	V	N/A	
							200	250	/	0.34	18	/	N/A	
							200	250	V	0.32	18	/	N/A	
							200	250	~	0.36	18	✓	N/A	
							200	250	/	0.44	18	/	N/A	
							200	250	~	0.55	18	✓	N/A	
							200	250	/	1.78	16	/	N/A	
							200	250	~	1.64	16	/	N/A	
Circ	uits/equipme	ent vulnerabl	e to damage	when testing	g (where app	plicable): N/	Ά							
TE	STED BY	Name (c	capitals): MI	ICHAEL S	SLATCHE	R			Positio	on: QS				Signature: Date: 30/06/2021
TE	ST INSTRU	JMENTS (E	ENTER SE	RIAL NUM	BER AGAI	NST EACH	H INSTRUM	MENT USE))					
Mul	ti-function:			Conti	nuity:			Insulatio	n resis	tance:		Ea	rth fault loo	pop impedance: Earth electrode resistance: RCD:
N/	Α			N/A				N/A				. N	Ά	N/A N/A
* RCE	effectivene	ess is verifie	ed using an	alternating	g current tes	st at rated	residual ope	erating curre			** Where	installe		not all AFDDs have a test function. Where a circuit contains an AFDD this should be stated in the field for that s and additional information, where required column.

(E) Thermoplastic cables in non-metallic trunking

Thermoplastic cables in metallic trunking

(D)

(B)

Thermoplastic cables in metallic conduit

Thermoplastic cables in non-metallic conduit

(C)

Thermoplastic insulated / sheathed cables

CODES for Type of wiring

Thermoplastic / SWA cables (G) Thermosetting / SWA cables

(F)

(H) Mineral-insulated cables Other (state) N/A

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+A2:2022 – 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 5), together with any items for which improvement is recommended.

You should have received the report marked 'Original' and the contractor should retain a duplicate. If you were the person ordering this report, but not the owner or user of the installation, you should pass this report, or a full copy of it, including these notes, the schedules and additional pages (if any), immediately to the owner or user of the installation.

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.

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 contractor for the inspection. Only an NICEIC contractor is authorised to issue this NICEIC Electrical Installation Condition Report, which has a unique serial number that is traceable to the contractor to which it was supplied by NICEIC.

The recommended date by which the next inspection should be carried out is stated in PART 4 of this report. With the exception of domestic (household) premises, 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.

This report 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 eight numbered pages. The report is only valid if the Schedule of Items Inspected (PART 9) has been completed to confirm that all relevant inspections have been carried out and the Schedule of Circuit Details (PART 11A) and the Schedule of Test Results (PART 11B) are attached. For installations having more than one distribution board (or consumer unit) or more circuits than can be recorded in PARTS 11A & 11B, one or more additional Schedule of Circuit Details and Schedule of Test Results, should form part of the report. Additional numbered pages may have been provided to permit further relevant information relating to the installation to be recorded. The report is invalid if any of the additional pages, listed in PART 10 are missing.

Where the installation includes a residual current device (RCD) it should be tested every six months by pressing the button marked "T" or "Test". The device should switch off the supply and should then be switched on to restore the supply. If the device does not switch off the supply when the button is pressed, seek expert advice. For safety reasons it is important that this instruction is followed.

Where the installation includes an arc fault detection device (AFDD) having a manual test facility it should be tested six-monthly by pressing the test button. Where an AFDD has both a test button and automatic test function, manufacturer's instructions should be followed with respect to test button operation.

Where the installation includes a surge protection device (SPD) the status indicator should be checked to confirm it is in operational condition in accordance with manufacturer's information. If the indication shows that the device is not operational, seek expert advice.

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 7 Supply Characteristics and Earthing Arrangements, and the Schedules of Circuit Details and Test Results (PART 11A & 11B) compiled accordingly.

PART 6 (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 6. 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 5. Where one or more observations have been made in PART 5, 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 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 inadequacies in the intake equipment have been observed (Item 1 of PART 9), 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 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).

For further information about electrical safety and how NICEIC can help you, visit:

www.niceic.com

* 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).

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 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 contractor issuing this report will be able to provide further advice.

It is important to note that the recommendation given for the next inspection date in PART 4 of this report 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 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 (entered in PART 6), 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 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