EIC002291





ELECTRICAL INSTALLATION CERTIFICATE

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

			Details of the I	nstallatio	on				1
Details of the Peldon Ri Sterling H 42 Worph Wimbledo	ose (M&E) Ltd Iouse e Rd		SW19 4EQ	nstallation/Ar Boundary 2-6 Bound London	Row			SE	51 8HP
Extent of ins	tallation covered by this certificat	e:	Nev	/ Installation	An	addition	✓	An alteration	~
Rectificat	ion of all remedials taken fr	om EICI	R0001697						
			Design Dec	aration					2
above, having is to the best departures, if Details of depart	e person(s) responsible for the des g exercised reasonable skill and ca of my/our knowledge and belief in a any, detailed as follows. rtures, if any, from BS7671:	re when ca accordance	arrying out the design he	ereby CERTIF ended to	Y that the design	gn work for 2018	which I/we	have been res (date) excep	sponsible of for the
None									
Details of perr <i>None</i>	mitted exceptions to 411.3.3 (Socket	RCD Prote	ection): Where applicable,	a suitable risk ass	essment must be atta	Risk ached.	(Assessm	ent attached:	N/A
Signature:	2712	Date:	20/08/2019	Name:	RICI	HARD FI	ELD	Design	ner 1
Signature:		Date:		Name:				Design	ner 2
described about the descri	ne person(s) responsible for the co ove, having exercised reasonable sl sible is to the best of my/our knowle departures, if any, detailed as follo tures, if any, from BS7671:	nstruction kill and card dge and bows.	e when carrying out the	tion (as indica construction he BS7671:2018	ated by my/our ereby CERTIFY I, amended to	that the cor	nstruction v 201	vork for which I 8	/we have (date)
Signature:	P	Date:	20/08/2019	Name:	RICI	HARD FI	ELD	Constru	uctor
described aboresponsible is except for the Details of depart	e person(s) responsible for the inspove, having exercised reasonable sits to the best of my/our knowledge at departures, if any, detailed as follow tures, if any, from BS7671:	ection & te kill and car nd belief ir	e when carrying out the in accordance with BS76	allation (as ind nspection & to 71:2018, ame	dicated by my/or esting hereby Ct ended to ed to the work de RICI	ERTIFY that	t the work for 2018 we as the s	or which I/we h	ave been (date) ertificate. etor
			Next Inspe	ection					5
I/We the desig	ner(s), recommend that this installatio	n is fu rthe r i			not more than		5 years		

EIC002291





Designer 1 Name: Voltamp Ltd Voltamp Ltd Voltamp Ltd Voltamp House 108 Mackenzie Road Backenham Rent BR3 4SD Designer 2 (if applicable) Name: CPS Provider*: CPS Provider*: CPS Provider*: CPS Provider*: CPS Registration No*: CPS Registration			Particulars of	f Signatories			6
CPS Registration No*: 029148	Designer 1			Company/Address	including postcode	e:	
CPS Registration Not: Designer 2 (if applicable) Name: CPS Provider*: CPS Registration Not: Constructor Company/Address including postcode: Name: Voltamp Ltd Voltamp House 108 Mackenzie Road Backenham Kent BR3 4SD Registration Not: CPS Provider*: CPS Provider*: NICEIC Backenham Kent BR3 4SD Inspector Name: Voltamp Ltd Voltamp House 108 Mackenzie Road Backenham Kent BR3 4SD Inspector Name: Voltamp Ltd Voltamp House 108 Mackenzie Road Backenham Kent BR3 4SD Inspector NICEIC TO S Mackenzie Road Backenham BR3 4SD Supply Characteristics & Earthing Arrangements TN-S No. & Type of Live Conductors: Supply Protective Device Nominal Frequency, f ¹⁵ System Earthing Arrangement: Type: LIM Type: LIM Breaking LIM A Breaking Breaking LIM Breaking LIM Breaking Breaking LIM A Breaking Br	Name:	Voltamp Ltd					
Designer 2 (if applicable) Name: CPS Provider*: CPS Registration No*: Constructor Name: Voltamp Ltd Voltamp House 108 Mackenzie Road Beckenham Kent Voltamp House 108 Mackenzie Road Beckenham Kent Voltamp House 108 Mackenzie Road Beckenham CPS Provider*: NICEIC CPS Provider*: Name: Voltamp Ltd Voltamp House 108 Mackenzie Road Beckenham CPS Provider*: NICEIC PS Registration No*: Voltamp House 108 Mackenzie Road Beckenham BR3 4SD CPS Provider*: NICEIC PS Registration No*: Voltamp House 108 Mackenzie Road Beckenham BR3 4SD CPS Provider*: NICEIC Supply Characteristics & Earthing Arrangements Voltamp House 108 Mackenzie Road Beckenham BR3 4SD CPS Provider*: Now In House 108 Mackenzie Road Beckenham BR3 4SD CPS Provider*: Now In House 108 Mackenzie Road Beckenham BR3 4SD CPS Provider*: Now In House 108 Mackenzie Road Beckenham BR3 4SD CPS Provider*: Now In House 108 Mackenzie Road Beckenham BR3 4SD CPS Provider*: Now In House 108 Mackenzie Road BER3 4SD CPS Provider*: Now In House 109 Jan 100 Jan	CPS Provider*:	NICEIC	C		е коаа		
Name: CPS Provider*: CPS Registration No*: Company/Address including postcode: Name: Voltamp Ltd Voltamp House 108 Mackenzie Road Beckenham Kent Supply Characteristics & Earthing Arrangements TN-S No. & Type of Live Conductors: Supply Protective Device BS(EN): LIM Type: LIM Breaking LIM A Breaking LIM A Breaking LIM A Froater to Particuliars of the Installation Electrode: NONE Earthing Conductors LIM A Main Protective Conductors Earthing Conductors Earthing Conductors Earthing Conductors Earthing Conductors LIM A Main Protective Conductors Earthing Conductors Earthing Conductors Earthing Conductors LIM A Main Protective Conductors Earthing Conductors LIM A Main Protective Conductors Earthing Conductor Earthing Conductor Earthing Conductor No. of poles: LIM A Main Recompting Main Main Main Main M	CPS Registration No*:	02914	8	Kent			BR3 4SD
CPS Provider*: CPS Registration No*: Constructor Constructor Constructor CPS Provider*: NICEIC CPS Registration No*: D29148 Kent BR3 4SD Inspector CPS Provider*: Voltamp Ltd Voltamp House Beckenham CPS Provider*: Voltamp Ltd Voltamp House 108 Mackenzie Road Beckenham CPS Provider*: NICEIC CPS Registration No*: PS Registration No*: NICEIC CPS Registration No*: NICEIC BR3 4SD Reachenham Kent Supply Characteristics & Earthing Arrangements TN-S No. & Type of Live Conductors: Supply Protective Device Nominal Frequency, fth Nominal Voltage ⁽⁻⁾ Nominal Voltage ⁽⁻⁾ Supply Protective Device Nominal Frequency, fth A Conductors: Supply Protective Device Nominal Frequency, fth A Conductors: Supply Protective Device Nominal Frequency, fth A Conductors: Nominal Frequency, fth A Conductors: Nominal Frequency, fth A Conductors: Nominal Voltage ⁽⁻⁾ Nominal Frequency, fth A Conductors: Nominal Frequency, fth A Conductors: Nominal Frequency, fth A Conductors: Nominal Voltage ⁽⁻⁾ Nominal Voltage Nominal Voltage ⁽⁻⁾ Nominal Voltage Nominal Voltage Nominal Voltage Nominal Voltage Nominal V	Designer 2 (if applicat	ole)		Company/Address	including postcode	e:	
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Constructor Name: Voltamp Ltd Voltamp House 108 Mackenzie Road Beckenham Kent BR3 4SD Inspector CPS Registration No*: 029148 Kent BR3 4SD Inspector Company/Address including postcode: Voltamp House 108 Mackenzie Road Beckenham Kent BR3 4SD Inspector Company/Address including postcode: Voltamp House 108 Mackenzie Road Beckenham Kent BR3 4SD Inspector CPS Provider*: NICEIC Beckenham Kent BR3 4SD Voltamp House 108 Mackenzie Road Beckenham Kent BR3 4SD Finiter the name of the competent person scheme (CPS) provider and the componies registration number where available. Supply Characteristics & Earthing Arrangements TN-S No. & Type of Live Conductors: a.c. 3 phase - 4 wrire Other Sources of Supply (tobe cetalide on attached schedules) Voltamp House 108 Mackenzie Road Beckenham TN-S No. & Type of Live Conductors: a.c. 3 phase - 4 wrire Voltamp House 108 Mackenzie Road Beckenham TN-S No. & Type of Live Conductors: a.c. 3 phase - 4 wrire Voltamp House 108 Mackenzie Road Beckenham TN-S No. & Type of Live Conductors: a.c. 3 phase - 4 wrire Voltamp House 108 Mackenzie Road Beckenham TN-S No. & Type of Live Conductors: a.c. 3 phase - 4 wrire Voltamp House 108 Mackenzie Road Beckenham TN-S No. & Type of Live Conductors: a.c. 3 phase - 4 wrire Voltamp House 108 Mackenzie Road Beckenham TN-S No. & Type of Live Conductors: a.c. 3 phase - 4 wrire Voltage Inverse Average Voltage Inverse Average Voltage Inverse A	CPS Provider*:						
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CPS Provider*: CPS Registration No*: D29148 COmpany/Address including postcode: Name: Voltamp Ltd Voltamp House 108 Mackenzie Road Beckenham Voltamp House 108 Mackenzie Road Beckenham Voltamp House 108 Mackenzie Road Beckenham Kent Supply Characteristics Supply Characteristics & Earthing Arrangements Supply Characteristics & Earthing Arrangements TN-S No. & Type of Live Conductors: Supply Protective Device Nominal Frequency, f¹¹ Fault Particulars of the Installation Maximum Demand (Load) LIM A Fault Frolection: ADS Main Switch or Circuit-breaker Means of Earthing Main Switch or Circuit-breaker Means of Earthing Main Protective Conductors: Location: Type: LOME LOCATION: Resistance to Earth: Resistance to Earth: Resistance to Earth	Constructor			Company/Address	including postcode	e:	
CPS Provider:	Name:	Voltamp Ltd					
CPS Registration No*: Description	CPS Provider*:	NICEIO	C		e Road		
Name: Voltamp Ltd Voltamp House 108 Mackenzie Road Beckenham Kent BR3 4SD *Enter the name of the competent person scheme (CPS) provider and the companies registration number where available. **Enter the name of the competent person scheme (CPS) provider and the companies registration number where available. **Supply Characteristics & Earthing Arrangements **TN-S** No. & Type of Live Conductors: **Supply Protective Device** **Nominal Voltage(**)* **Uo 230 V U 400 V **Supply Protective Device** **Nominal Frequency, f(**)* **BYENQUITY **Rating: L/M** A Breaking L/M** Breaking L/M** Breaking L/M** **Particulars of the Installation** **Particulars of the Installation** **Maximum Demand (Load) **Location: - Type: L/M** **Red Departing NA mathematical NA mathematical NA mathematical NA mathematical NA mathematical Conductors** **Means of Earthing Conductors** **Main Protective Conductors** **Red Departing NA mathematical NA mathematical NA mathematical Conductors** **Mathematical Conductors** **Mathematical Conductors** **Pospective Facility: No. of poles: L/M** **Red Departing NA mathematical NA mathematical NA mathematical NA mathematical Conductors** **Mathematical Conductors** **Mathematical Conductors** **Protection: Conductors** **Protection: ADS** **Mathematical Conductors* **Protection: ADS** **Mathematical Conductors* **Protection: ADS** **Mathematical NA mathematical NA math	CPS Registration No*:	029146	8				BR3 4SD
CPS Provider*: CPS Registration No*: O29148 *Enter the name of the competent person scheme (CPS) provider and the companies registration number where available. Supply Characteristics & Earthing Arrangements TN-S No. & Type of Live Conductors: Supply Polarity Nominal Voltage(1) Nominal Voltage(1) Nominal Frequency, fth Supply Protective Device Nominal Frequency, fth External Loop Impedance, Ze(2) L/M Rating: L/M A Fault Particulars of the Installation Particulars of the Installation Maximum Demand (Load) L/M A Fault Protection: ADS Main Switch or Circuit-breaker Means of Earthing Electrode Details (if applicable) Location: Type: NONE BS(EN): L/M Resistance to Earth: No. of poles: L/M Material Copper Resistance to Earth: No. of poles: L/M Material Copper Resistance to Earth: Resist	Inspector			Company/Address	including postcode	e:	
CPS Registration No*: # Enter the name of the competent person scheme (CPS) provider and the companies registration number where available. # Supply Characteristics & Earthing Arrangements # No. & Type of Live Conductors: # Acc. 3 phase - 4 wire # Other Sources of Supply (to be detailed on attached scheoules) # Supply Protective Device # Nominal Frequency, #10 # External Loop Impedance, Ze 21 # L/M A Prospective Fault Current, Ipf 22 # Breaking Capacity: # Particulars of the Installation # ADS # Main Switch or Circuit-breaker # Means of Earthing # Demand (Load) # A Fault Protection: # ADS # Main Switch or Circuit-breaker # RCD Operating NA ma # RCD Operating NA ma # RCD Operating Imme at I _A # Main Protective Conductors # RCD Operating Imme at I _A # A Main Protective Conductors # Adding Conductor: # Material * Capacity * Capacity 2x50** Continuity & Material Capacity 3x50** August 3	Name:	Voltamp Ltd					
CPS Registration No*: O29148 Kent BR3 4SD	CPS Provider*:	NICEIO	C		e Road		
Supply Characteristics & Earthing Arrangements 7N-S No. & Type of Live Conductors: Other Sources of Supply (to be detailed on attached schedules) Supply Protective Device Nominal Voltage ⁽¹⁾ BS(EN): LIM Type: LIM Breaking: LIM A Breaking: Capacity: Particulars of the Installation Maximum Demand (Load) Demand (Load) LIM A Fault Forection: ADS Main Switch or Circuit-breaker Means of Earthing Distributors Facility: Type: NONE BS(EN): LIM A Fault Current, p ₁ (2)	CPS Registration No*:	02914	8				BR3 4SD
System Earthing Arrangement: Other Sources of Supply (to be detailed on attached schedules) Supply Protective Device BS(EN): L/M A Breaking Capacity: Particulars of the Installation Maximum Demand (Load) L/M A Fault Protection: Means of Earthing Electrode Details (if applicable) Distributors Facility: Type: None	* Enter the name of the competent p						
Other Sources of Supply (to be detailed on attached schedules) Supply Protective Device BS(EN): L/M Type: L/M External Loop Impedance, Z _e ⁽²⁾ Rating: L/M A Breaking capacity: L/M kA Prospective Fault Current, I _{pf} ⁽²⁾ L/M A Fault Protection: ADS Main Switch or Circuit-breaker Maximum Demand (Load) Maximum Demand (Load) L/M A Fault Protection: ADS Main Switch or Circuit-breaker Means of Earthing Electrode Details (if applicable) Location: Intake Room Voltage Rating: L/M Voltage Rating: L/M Voltage Rating: L/M Voltage Rating: L/M Resistance to Earth: Current Rating: L/M Rating: L/M RecD Operating current Rating: L/M Rating: L/M RecD Operating current Rating: L/M Rating: No. of poles: L/M RCD Operating time at l _a n Material Copper Copy: 2x50 Continuity & Continuity & Copper Copy: 2x50 Copy:				Earthing Arr	angements		7
Supply Protective Device Nominal Frequency, f ⁽¹⁾ 50 Hz	· · · · · · · · · · · · · · · · · · ·		V-S No	o. & Type of Live Co	nductors:	a.c. 3 phase -	4 wire
Supply Protective Device Nominal Frequency, f(1) BS(EN): L/M Rating: L/M A Breaking capacity: L/M Prospective Fault Current, Ipf(2) Particulars of the Installation Maximum Demand (Load) Means of Earthing Distributors Facility: Type: NONE BS(EN): L/M RADS Main Switch or Circuit-breaker Means of Earthing Distributors Facility: Type: NONE BS(EN): L/M RCD Operating RCD Operating Current Resistance to Earth: Earth: Protective Conductors Earthing Conductor: Main Protective Conductors Earthing Conductor: Material Capper Continuity &			✓ No	ominal Voltage ⁽¹⁾	Uo	<i>230</i> v U	<i>400</i> ∨
Rating: L/M A Breaking capacity: L/M kA Prospective Fault Current, I pf 2 L/M kA Requiry or by measurement measurement Particulars of the Installation Maximum Demand (Load) L/M A Fault Protection: ADS Main Switch or Circuit-breaker Means of Earthing Electrode Details (if applicable) Location: Intake Room Distributors Facility: Type: NONE BS(EN): L/M Voltage Rating: L/M Voltage Rating: NONE Resistance to Earth: Current Resistance to Earth: Current Rating: No. of poles: L/M RCD Operating time at Ian Main Protective Conductors Earthing Conductor: Continuity & Cont		~,	No	ominal Frequency, f ^r	l)	<i>50</i> Hz	
Rating: L/M A Breaking capacity: L/M kA Prospective Fault Current, I pf (2) L/M kA (2) By Enquiry or by measurement Maximum Demand (Load) L/M A Fault Protection: ADS Main Switch or Circuit-breaker Means of Earthing Electrode Details (if applicable) Location: Intake Room Distributors Facility: ✓ Type: NONE BS(EN): L/M Voltage Rating: L/M NA ma Installation Earth Location: - Type: L/M RCD Operating current NA ms Main Protective Conductors Earthing Conductors L/M NA ms	BS(EN): L/M	Type: L//	M Ex	kternal Loop Impeda	nce, Z _e ⁽²⁾	LIM Ω	(1) By Enquiry
Particulars of the Installation Maximum Demand (Load) Means of Earthing Electrode Details (if applicable) Distributors Facility: Type: NONE BS(EN): L/M RCD Operating current Resistance to Earth: Resistance to Earth: Rating: No. of poles: Material Copper	Rating: LIM A		M _{kA} Pr	ospective Fault Curr	ent, I _{nf} ⁽²⁾	/ ///	(2) By Enquiry or by
Maximum Demand (Load) L/M A Fault Protection: ADS Main Switch or Circuit-breaker Means of Earthing Electrode Details (if applicable) Location: Intake Room Distributors Facility: ✓ Type: NONE BS(EN): L/M Voltage Rating: L/M V Installation Earth Electrode: Location: - Type: L/M RCD Operating current NA mA Resistance to Earth: - Ω Current Rating: L/M A RCD Rated time delay NA ms Material Copper Continuity & No. of poles: L/M NA ms	-			he Installatio	n		
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Distributors Facility: Type: NONE BS(EN): L/M Voltage Rating: Rating: Location: Resistance to Earth: Earth: Main Protective Conductors Earthing Conductor: Material Copper Continuity & Voltage Rating: L/M RCD Operating current RCD Rated time delay RCD Operating NA ms RCD Operating NA ms RCD Operating NA ms			AL	DS .	Main Swi	tch or Circuit-k	oreaker
Installation Earth Electrode: Location: Resistance to Earth: Main Protective Conductors Earthing Conductor: Material Copper Copp	Means of Earthing	Electrode [Details (if applicab	le) Location:		Intake Room	
Installation Earth Electrode: Resistance to Earth: Main Protective Conductors Earthing Conductor: Type: Current Rating: No. of poles: L/M RCD Operating current RCD Rated time delay RCD Operating current RCD Operating current No. of poles: L/M RCD Operating time at I _M No. of poles: No. of poles: Material Copper	Distributors Facility:	✓ Type:	NONE	BS(EN):	LIM		LIM V
Resistance to Earth: - Ω Resistance to Earth: No. of poles: L/M A RCD Rated time delay RCD Operating time at I _Δ n Material Copper Copper Copper Continuity & Continuity & Continuity & Continuity & Copper Continuity & Cop		Location:	-	Type:	LIM	RCD Operating	N A mA
Main Protective Conductors Earthing Conductor: No. of poles: No	Licotrode.		-		<i>LIM</i> A	RCD Rated	NA ms
Earthing Conductor: Material Copper	Main Protective Condu			_	s' LIM	RCD Operating	NA ms
	Earthing Conductor:		0 " " 0	110. 01 polo		time at I _A n	1110
Connection Other Borided Water: VIII:	Material Copper	Csa: 2x50 m	m ² Continuity &	Other Bo	onded Water	: V Oil	N/A
Main Protective Bonding Conductor: Services: Steel: NV	•		Cantingity		S:		
Material Copper Csa: 35 mm² Continuity & Connection Other: NA	Material Copper	Csa: 35 mi		✓			
Comments on existing installation (In the case of an addition or alteration see Section 633) None	*	ation (In the case of an additio	on or alteration see Section	on 633)	Ouler:	, , , , ,	

EIC002291





	Inspection S	chedi	ule (1)
I - EXT	ERNAL CONDITION OF INTAKE EQUIPMENT	BASIC	PROTECTION:
✓	Service cable (Visual inspection only)	✓	Insulation of live parts
✓	service head	✓	Barriers or enclosures
✓	Earthing arrangement	/	Obstacles
/	Meter tails	N/A	Placing out of reach
√	Metering equipment	FAULT	PROTECTION:
✓	Isolator (where present)	N/A	Non-conducting location
2 - PA R	ALLEL OR SWITCHED ALTERNATIVE SOURCES OF SUPPLY	N/A	Earth-free local equipotential bonding
N/A	Adequate arrangements where a generating set operates as a switched alternative to the public supply	N/A	Electrical separation
√	· · · ·	ADDITI	ONAL PROTECTION
	Dedicated earthing arrangement independent of public supply Adaquate arrangements where a generating set engrates in	✓	RCD(s) not exceeding 30mA operating current
✓	Adequate arrangements where a generating set operates in parallel with the public supply	/	Supplementary bonding
✓	Correct connection of generator in parallel	5 - DIST	TRIBUTION EQUIPMENT
/	Compatibility of characteristics of means of generation	✓	Security of fixing
√	Means of automatic disconnection in the event of loss of public	✓	Insulation of live parts not damaged during erection
ŕ	supply or voltage/frequency deviation beyond declared values	/	Adequacy/security of barriers
✓	Means to prevent connection in the event of loss of public supply or voltage/frequency deviation beyond declared values	/	Suitability of enclosures for IP and fire ratings
✓	Means to isolate generator from the public supply system	/	Enclosures not damaged during installation
- AUT	OMATIC DISCONNECTION OF SUPPLY	N/A	Presence and effectiveness of obstacles
√	Protective earthing/bonding arrangements	✓	Presence of main switch(es), linked where required
resend	ce and adequacy of:	✓	Operation of main switch(es), functional check
✓	Distributor's earthing or installation earth electrode arrangement	✓	Manual operation of circuit-breakers and RCD's to prove functionality
✓	Earthing conductor and connections, including accessibility	/	RCD test button operation confirmed
✓	Main protective bonding conductors and connections, including accessibility	✓	RCD(s) provided for fault protection, where specified
	Provision of safety electrical earthing / bonding labels at all	✓	RCD(s) provided for additional protection, where specified
√	appropriate locations	/	Overvoltage protection (SPD's) provided where specified
N/A	FELV - Requirements satisfied	/	SPD's confirmed functional
- OTH	IER METHODS OF PROTECTION	V	Presence of RCD six-monthly test notice at or near origin
BASIC A	AND FAULT PROTECTION	✓	Presence of AFDD six-monthly test notice, where required
√	SELV system, including the source and associated circuits	✓	Presence of diagrams, charts or schedules at or near each
✓	PELV system, including the source and associated circuits		distribution board, where required
N /A	Double insulation	/	Presence of non-standard (mixed) cable colour warning notice at or near the appropriate distribution board, where required
N /A	Reinforced insulation		a. St. Hour the appropriate distribution social, whole required
∕ · Ine	pection has been carried out with satisfactory result. N/A: Inspection	is not an	plicable to this item

EIC002291





Inspection Schedule (2)

5 - DIS	RIBUTION EQUIPMENT (continued)										
Presence	e of alternative supply warning notice at or near:	Provisi	on of additional protection by RCD not exceeding 30mA:								
/	• The origin	V	• Socket outlets rated at 32A or less, unless exempt								
✓	The meter position, if remote from the origin	N/A	Mobile equipment not exceeding 32A for use outdoors								
V	The distribution board to which the alternative/additional sources are connected	V	Cables concealed in walls at a depth of less than 50mm								
/	All points of isolation of ALL sources of supply	✓	Cables concealed in walls/partitions containing metal parts regardless of depth								
✓	Presence of next inspection recommendation label	N/A	Circuits supplying luminaires within domestic premises								
V	Presence of other required labelling	Termination of cables at enclosures:									
✓	Selection of protective device(s) and base(s): type and rating	V	Connections under no undue strain								
V	Single pole protective devices in line conductors only		No basic insulation of a conductor visible outside enclosure								
V	Protection against mechanical damage where cables enter equipment	V V	Connections of live conductors adequately enclosed								
~	Protection against electromagnetic effects where cables enter ferromagnetic enclosures	✓	Adequately connected at point of entry to enclosure (gland, bush etc)								
V	Confirmation that ALL conductor connections, including to busbars, are correctly located in terminals and are tight and secure	V	Suitability of circuit accessories for external influences								
6 - CIR	cuits	/	Circuit accessories not damaged during erection								
/	Identification of conductors	V	Single-pole devices for switching or protection in line conductors								
✓	Cables correctly supported throughout		only Adequacy of connections, including cpc's, within accessories								
/	Examination of cables for signs of damage during installation	V	and at fixed and stationary equipment								
/	Examination of insulation of live parts, not damaged		Inspections continue on the next page								
/	Non-sheathed cables protected by conduit, ducting or trunking										
V	Suitability of containment systems (including flexible conduit)										
V	Correct temperature rating of cable insulation										
~	Adequacy of cables for current-carrying capacity with regard for the type and nature of the installation										
V	Adequacy of protective devices: type and fault current rating										
✓	Presence and adequacy of circuit protective conductors										
/	Coordination between conductors and overload protective devices										
~	Wiring systems and cable installation methods with regard to the type and nature of the installation and external influences										
LIM	Cables concealed under floors, above ceilings, in walls/partitions, adequately protected against damage										
V	Provision of fire barriers, sealing arrangements so as to minimise the spread of fire										
✓	Band II cables separated/segregated from Band I cables										
/	Cables segregated/separated from non-electrical services										
√: Ins	pection has been carried out with satisfactory result. N/A: Inspection	is not ap	oplicable to this item.								

EIC002291





	Inspection S	chedi	ule (3)
7 - ISOL	ATION AND SWITCHING	8 - CUR	RENT-USING EQUIPMENT (PERMANENTLY CONNECTED)
Isolators		✓	Suitability of equipment in terms of IP and fire ratings
V	Presence and location of appropriate devices	V	Enclosure not damaged/deteriorated during installation so as to
V	Capable of being secured in the off position		impair safety
~	Correct operation verified	✓	Suitability for the environment and external influences
✓	The installation, circuit or part thereof that will be isolated clearly identified by location and/or durable marking	✓	Security of fixing
N/A	Warning notice posted in situation where live parts cannot be isolated by operation of a single device	✓	Cable entry holes in ceilings above luminaires, sized or sealed so as to restrict the spread of fire
Switchir	ng off for mechanical maintenance:	~	Provision of undervoltage protection, where specified
~	Presence of appropriate devices	✓	Provision of overload protection, where specified
✓	Acceptable location	✓	Adequacy of working space/accessibility to equipment
✓	Capable of being secured in the off position	Recesso	ed luminaires (downlighters):
✓	Correct operation verified	V	Correct type of lamps fitted
✓	• The circuit or part thereof to be disconnected clearly identified by location and/or durable marking	✓	• Installed to minimise the build-up of heat
Emerge	ncy switching/stopping:	9 - LOC	ATIONS CONTAINING A BATH OR SHOWER (SECTION 701)
N/A	Presence of appropriate devices	✓	30mA RCD protection for all LV circuits
N/A	Readily accessible for operation where danger might occur	N/V	Where used as a protective measure, requirements for SELV or PELV met
N/A	Correct operation verified	N/A	Shaver sockets comply with BS EN 61558-2-5 formerly BS3535
N/A	The installation, circuit or part thereof that will be disconnected clearly identified by location and/or durable marking	LIM	Presence of supplementary bonding conductors (if required)
Function	nal switching:	N/A	Low voltage (230v) socket outlets sited at least 3m from zone 1
✓	Presence of appropriate devices	✓	Suitability of equipment for external influences from installed location in terms of IP rating
~	Correct operation verified	✓	Suitability of equipment for installation in a particular zone
		✓	Suitability of current-using equipment for particular position within the location
10 - OT	HER PART 7 SPECIAL INSTALLATIONS OR LOCATIONS		other special installations or locations present, if any. separately the results of particular inspections applied.)
Inspe	cted by:		
Name:		Date:	
Da -:4:			
Positio	n:	Signature	i:
✓ : Insi	pection has been carried out with satisfactory result. N/A: Inspection	is not an	olicable to this item.

Circuit Details

EIC002291

DB Reference:

DB 4C

DB Location:

LEVEL 4





Distribution 12 WAY	n Board Comments: 'TP/N	0	Overcurrent Device: 60947 - RCD Operating Current:							rent:	: N/A mA						
		Board Manufacturer:	? De	evice	Rating	g:	80	A d	RCD tin lelay:	ne ^	VA ms	RCD time	ting	N/A	ทร		
Circuit		100. Above pla 101. Above pla 102. Insulated adder touching 103. Insulated	able only: sterboard ceiling, insulati sterboard ceiling, insulati stud wall, touching inner	ion >100mm wall						, 		7	$\overline{}$	7			Sega (Intri)
1L1	Spare							Ш									eral ated les
1L2	Spare							Ш									H Mineral Insulated cables
1L3	Spare -							Н									¥, °
2L1	Spare				-	\vdash		Н									G XLPE/SWA Cables
2L2	Spare					\vdash			- 40	- 40		0.5400					
2L3	Power - Track 1			Radial Circuit	1	5	60898	C	40	10	N/A	0.5462	G	С	10	10	F PVC/SWA Cables
3L1	Power - Track 2			Radial Circuit	1	5	60898	C	40	10	N/A	0.5462	G	С	10	10	PVC
3L2	Power - Track 3			Radial Circuit	1	5	60898	C	40	10	N/A	0.5462	G	С	10	10	bles stallic
3L3 4L1	Power - Track 4 Power - Track 5			Radial Circuit	1	<i>5</i>	60898 60898	C	40 40	10 10	N/A N/A	0.5462 0.5462	G G	C	10 10	10 10	E VC Cables I nor-metallic trunking
4L1 4L2	Power - Track 6			Radial Circuit	1	5	60898	C	40	10	N/A N/A	0.5462	G	С	10	10	1 0 _
4L2 4L3	Spare			Kaulai Circuit	'	9	00090	-	40	10	/W/A	0.3402	G	U	10	10	D PVC Cables I c in metallic in trunking
5L1	Spare																PVC Fruit
5L2	Spare							Н									ibles etallic uit
5L3	Spare							H									s PVC Cables Pv in non-metallic i
6L1	Spare					$\vdash \vdash$		Н									es Pr
6L2	Spare							П									B PVC Cables F in metallic in conduit
6L3	Spare							П									
7L1	Power - Tea point			Ring Circuit	10	0.4	61009	С	20	10	30	1666	D	В	2.5	2.5	PVC les
7L2	Water Heater			Radial Circuit	1	0.4	61009	С	16	10	30	1666	D	В	2.5	2.5	A PVC/PVC Cables
7L3	Hand Dryers			Ring Circuit	3	0.4	61009	С	20	10	30	1666	D	В	2.5	2.5	ng:
8L1	Power - AC			Ring Circuit	NV	0.4	61009	С	20	10	30	1666	D	В	2.5	2.5	Codes for type of wiring:
8L2	Tea Point Water Heater			Radial Circuit	1	0.4	61009	С	16	10	30	1666	D	В	2.5	2.5	des e of
8L3	Spare																နို ပိ

Test Results

SIMPLIFIED . ELECTRICAL . SOLUTIONS

CONTRACTOR Reg No.029148

EIC002291

DB Reference: **DB** Location: DB 4C LEVEL 4

ested by:						Tes	st instrume	ent serial r	numbers:								Details of circuits and/or installed equipment vulnerable to damage when testing
Name:			RICHAR	D FIELL	ס	Co	ntinuity	:	-		Earth	electro	de resist	ance:		-	
Signatu	re:	-			P	RO	DD:		-		Earth	fault loc	p imped	lance:		-	
Date:		20/0	8/2019			Ot	her:	33.	200213		Insula	ition res	istance:			_	
	.6.		$\overline{}$	Ring fin	al	$\overline{}$		_	Ins	ulation				$\overline{}$	$\overline{}$	RC	RCD Distribution Board Characteristics
		/	circu	it continui		Conti	nuity 📝		Resistar				//	/ /		110	Zs: 0.16 Nominal 400 y Polarity:
a ဇ်				(2)		(Ω)			(MΩ)			/	//		(ms)		Zs: 0.16 Ω Norminal Voltage: 400 v Polarity:
.65	"Hipe!	/. ,	/ Mon.	/_ ,	/ ,	/ ,	/。 ,	100	/* /	13/10	1.5	§ /	15	/ ,	/ ,	x07 x	No. of phase rotation:
les Re	L. Hurriter	, liling) &	The Hall		**/ &	. /.	ie jie	Se Heitly 11		Trail 1		Spilet 1	age and 15 @	TI (®		Printing	Distribution Board Characteristics Nominal Voltage: No. of phases: O.16 Circuit Comments
C.II.	/ 4	<u> </u>	<u> </u>	/ &	\\ \\ \\			\overline{Z}	14	<u> </u>		1				0/ 1	Circuit Comments
1L1																	
1L2																	
1L3																	
2L1																	
2L2																	
2L3	N/A	<i>NA</i>	NA	0.07	NA	N/A	LIM	>200	>200	500	/	0.23	N/A	NA	NA	NA	
3L1	N/A	NA	NA	0.10	NA	NA	LIM	>200	>200	500	/	0.26	N/A	NA	NA	NA	
3L2	NA	NA	NA	0.15	NA	NA	LIM	>200	>200	500	/	0.31	NA	NA	NA	NA	
3L3	N/A	N/A	NA	0.12	NA	N/A	LIM	>200	>200	500	/	0.28	N/A	NA	NA	NA	
4L1	N/A	NA	NA	0.14	NA	NA	LIM	>200	>200	500	~	0.30	N/A	NA	NA	NA	
4L2	N/A	N/A	NA	0.11	NA	N/A	LIM	>200	>200	500	V	0.27	N/A	NA	NA	NA	
4L3																	
5L1																	
5L2																	
<i>5L3</i>																	
6L1																	
6L2																	
6L3																	
7L1	OPEN	OPEN	OPEN	0.29	NA	N/A	LIM	>200	>200	500	/	0.45	19.5	19.1	✓	NA	
7L2	N/A	N/A	NA	0.17	NA	N/A	LIM	>200	>200	500	/	0.33	19.5	19.1	✓	NA	
7L3	OPEN			0.31	NA	N/A	LIM	>200	>200	500	/	0.47	19.5	19.1	✓	NΑ	
8L1	OPEN		OPEN	LIM	NA	N/A	LIM	>200	>200	500	/	LIM	N/A	NA	NA	NA	
8L2	N/A	N/A	NA	0.16	N/A	N/A	LIM	>200	>200	500	1	0.32	19.5	19.1	✓	NA	1
8L3																	

Circuit Details

EIC002291

DB Reference:

DB 4C

DB Location:

LEVEL 4





Distribution	n Board Comments:	Supplied from:	Panel 1	′	vercu	rrent l	Device:		60947	7	-	RCD O	nerati	na Curi	rent:	N/A	mA
12 WAT	11F/1 V	Board Manufactur									ne .						MA
		<i>И2</i> D	Device Rating: 80 A de							RCD time NA RCD (delay: ns time at				I _{sh} N/A m			
Citcuit	A. In conduit in thermally i B. In conduit on a wall or i C. Clipped direct D. Direct buried or in ducti E & F. In free air or on cab G. In free air on cable tray	in trunking 100. Above 101. Above ting or conduit in ground 102. Insulat ble tray or ladder touching 103. Insulat	th cable only: plasterboard ceiling, insi plasterboard ceiling, insi ted stud wall, touching in	ulation >100mm ner wall	şgiri /					Le California de la Cal		2 1 10 10 10 10 10 10 10 10 10 10 10 10 1	STATE OF THE STATE	A SERVICE SERVICE			
9L123	Spare																la de si
10L123	Spare												Ш				H Mineral Insulated cables
11L1	Spare												Ш				
11L2	Spare							Ш					Ш				G E/SW ables
11L3	Heaters - Not located			Radial Circuit	NV	0.4	61009	С	20	10	30	1666	D	В	2.5	2.5	G XLPE/SWA Cables
12L1	Power - Cleaners			Radial Circuit	2	0.4	61009	В	20	10	30	1666	D	В	2.5	2.5	F PVC/SWA Cables
12L2	Power - Cleaners			Radial Circuit	2	0.4	61009	В	20	10	30	1666	D	В	2.5	2.5	Cable
12L3	Spare							Ш									∫ ໘ ≌
																	E Cables I -metallic Inking
																	PVC trui
								Ш					Ш				allic i
																	C C C
								Ш					Ш				88 ∏ 7 ii
								Ш									Cable Cable Ineta
								Щ					Ш				B C D E PVC Cables PVC Cables PVC Cable In metallic in non-metallic in mor-meta conduit conduit trunking trunking
								Щ					Ш				allic ii
								Щ					Ш				C Cc
						Ш		Щ					Ш				
								Щ					Ш				A PVC/PVC Cables
								Ш					Щ				PVC Ca
								Щ					Щ				Codes for type of wiring:
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								Ш					Ш				o ec
													Ш				ŏΣ

Test Results

SIMPLIFIED . ELECTRICAL . SOLUTIONS

CONTRACTOR Reg No.029148

DB Reference: **DB** Location: EIC002291 DB 4C LEVEL 4

ested by:						Tes	st instrume	ent serial r	numbers:								Details of circuits and/or installed equipment vulnerable to damage when testing
Name:			RICHAF	RD FIEL	ס	Co	ntinuity	:	-		Earth	electro	de resist	ance:		-	
Signatur	re:				P	R	DD:		-		Earth	fault loc	p imped	dance:		-	
Date:		20/0	08/2019			Ot	her:	33.	200213		Insula	ntion res	istance:			-	
Kest Res	Milits R. Militar		(.	Ring fin uit continui	nal ity	Contin (Ω)		Light Company	Resistar		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	/ 3/10/11	Spand of Society of the Society of t		(ms)	RO NIED TO ORGANICA	Distribution Board Characteristics Nominal Voltage: No. of No. of Phase rotation: Circuit Comments Distribution Board Characteristics Nominal 400 v Polarity: Circuit Comments
9L123					<u> </u>	—											
10L123					<u> </u>	ــــــ											
11L1					 	├──											
11L2					<u> </u>	 											
11L3	NA	N/A	NA NA	LIM	NA	NA	LIM	>200	>200		V	LIM	NA 10.5	NA	NA	NA	Not Located
12L1	NA NA	NA NA	NA NA	0.63	NA NA	NA NA	LIM	>200	>200	500	V	0.79	19.5	19.1	✓ ✓	NA	
12L2	N/A	NA	NA	0.49	NA	N/A	LIM	>200	>200	500	·	0.65	19.5	19.1		N/A	
12L3					\vdash	 											
					\vdash	\vdash			<u> </u>	<u> </u>							
					\vdash	\vdash											

GUIDANCE FOR RECIPIENTS

This safety certificate has been issued to confirm that the electrical installation work to which it relates has been designed, constructed, inspected and tested in accordance with British Standard 7671 (the IET Wiring Regulations).

You should have received an 'Original' Certificate and the contractor should have retained a duplicate. If you were the person ordering the work, but not the owner of the installation, you should pass this Certificate, or a full copy of it including the schedules, immediately to the owner.

The 'Original' Certificate should be retained in a safe place and be shown to any person inspecting or undertaking further work on the electrical installation in the future. If you later vacate the property, this Certificate will demonstrate to the new owner that the electrical installation complied with the requirements of British Standard 7671 at the time the Certificate was issued. The Construction (Design and Management) Regulations require that, for a project covered by those regulations, a copy of this Certificate, together with schedules, is included in the project health and safety documentation.

For safety reasons, the electrical installation will need to be inspected at appropriate intervals by a skilled person or persons, competent in such work. The maximum time interval recommended before the next inspection is stated on Page 1 under 'Next Inspection'.

This Certificate is intended to be issued only for a new electrical installation or for new work associated with an addition or alteration to an existing installation. It should not have been issued for the inspection of an existing electrical installation. An 'Electrical Installation Condition Report' should be issued for such an inspection.

This Certificate is only valid if accompanied by the Schedule of Inspections and the Schedule(s) of Test Results.