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AVEnnn-XXnnX\_nn PEIR1

# PERIODIC ELECTRICAL INSPECTION REPORT

Issued in accordance with British Standard 7671 – Requirements for Electrical Wiring

## A DETAILS OF THE CLIENT

Client	\$Client		
Address	\$C_Address1		
	\$C_Address2		
Purpose of the report			

## B DETAILS OF THE INSTALLATION

Type of installation	\$I_Type		
Address	\$I_Address1		
	\$I_Address2		
Current occupier			
Estimated age of the electrical installation	years	Evidence of alterations or additions	If any, estimated age years
Records of installation available	If available, date of last inspection	Diagrams or plans available	
Records held by			

## C EXTENT AND LIMITATIONS OF THE INSPECTION

Extent of the installation covered by this report	
Limitations to the inspection and testing	

Inspection and testing has been carried out to conform to the standards laid down in BS 7671 : 2001 (2004) – Requirements for Electrical Installations, IEE Wiring Regulations. Cables concealed within trunking or conduits or concealed under floors or in roof spaces or generally within the fabric of the building or underground have not been visually inspected.

## D FOR INSPECTION & TESTING

I the undersigned being the person responsible for the inspection and testing of the electrical installation, particulars of which are described herein, having exercised reasonable skill and care whilst carrying out the inspection and testing, hereby CERTIFY that the said work referenced by this report with its attached schedule(s) is, to the best of my knowledge and belief, an accurate assessment of the condition of the electrical installation subject to the extent and limitations of the inspection.

Signature	<p>For and on behalf of the electrical contractor</p> <p><b>Aquae Vitae Electrical</b></p> <p>Aquae Vitae House 1a Stanley Road Carshalton Surrey SM5 4LE</p> <p>Telephone (020) 8773 1800</p>	 Reg. No D108774	
Full name			Malcolm John Greenaway
Position			Managing Director
Date signed			

## E NEXT INSPECTION

I recommend that this installation is further inspected and tested after an interval of not more than xx years. Any observations 'requiring urgent attention' must be attended to without delay.

Please refer to 'Information and Notes for Recipients' on reverse of pages 1 & 2



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## F SUPPLY CHARACTERISTICS AND EARTHING ARRANGEMENTS

Supply type		Number and type of live conductors				Nature of supply parameters †			Primary supply protective device characteristics	
TN-C	N/A	1-phase, 2-wire	✓	a.c.	✓	Nominal voltage, U / U <sub>0</sub>		V	BS (EN)	
TN-S	✓	1-phase, 3-wire	N/A	2-pole	✓	Nominal frequency, f	50	Hz	Type number	
TN-C-S	✓	3-phase, 3-wire	N/A	3-pole	N/A	Prospective fault current, I <sub>pf</sub>		kA	Nominal current rating	A
TT	N/A	3-phase, 4-wire	N/A	Other	N/A	External loop impedance, Z <sub>s</sub>		Ω	Short-circuit rating	kA

† Notes: Supply parameters shown above have been obtained by enquiry. Measured results are recorded below.

## G PARTICULARS OF THIS INSTALLATION

Means of earthing		Details of installation earth electrode (where applicable)			
Distributor's facility		Type, e.g. rod(s), tape, etc.		Location	
Installation earth electrode		Electrode resistance, R <sub>a</sub>	Ω	Method of measurement	
Nature of supply parameters – measured results †					Design maximum
Voltage, U / U <sub>0</sub>	V	Prospective fault current, I <sub>pf</sub>	kA	Loop impedance, Z <sub>s</sub>	Ω
				Demand per phase	A
Earthing conductor		Main equipotential bonding conductors and bonding of extraneous conductive parts			
Conductor material		Conductor material		Water service	Gas service
Conductor csa	mm <sup>2</sup>	Conductor csa	mm <sup>2</sup>	Oil service	Structural steel
Continuity check		Continuity check		Other incoming services	
Main switch or circuit breaker – # applicable only when an RCD is used as a main circuit-breaker					
BS (EN)		Voltage rating	V	Supply conductors material	# Operating current, I <sub>Δn</sub>
Type and no of poles		Current rating, I <sub>n</sub>	A	Supply conductors csa	mm <sup>2</sup>
				# Operating time (at I <sub>Δn</sub> )	ms

## H SUMMARY OF THE INSPECTION

General condition of the installation	
Date of inspection	Overall assessment of the electrical installation
Referring to the attached Schedules and subject to the limitations contained herein and especially in the Extent and Limitations of the Inspection section	
Either	No remedial work is required to be undertaken affecting electrical safety
Or	Observations and recommendations for action are made below

## I ADDITIONAL RECORDS

The whole of this Report is only valid when this document includes and has attached the Schedules listed below:

- SINS1 – Schedule of Inspections consisting of one page
- SCID1 – Schedule of Circuits Details consisting of x pages
- STES1 – Schedule of Test Results consisting of x pages
- FDAC1 – Fire Detection and Alarm System Certificate consisting of one page
- Plans and drawings detailing the electrical installation layout consisting of x pages



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## J OBSERVATIONS AND RECOMMENDATIONS FOR ACTION TO BE TAKEN

Item No	BS 7671 Section	Observations	Code †
1			
2			
3			
4			
5			
6			
7			
8			
9			
10			
11			
12			
13			
14			
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16			
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21			

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† The code entered has the following meanings: 1 'requires urgent attention', 2 'requires improvement', 3 'requires further investigation', 4 'does not comply with BS 7671'

Urgent remedial action required for item(s)

Corrective action for item(s)