

DETAILS OF THE CLIENT

Client	<input type="text" value="A N Other"/>	Address	<input type="text" value="1 Any Street
Anywhere
Any Time
Any Place
SO5 HIT"/>
Purpose of this report	<input type="text" value="Client requested"/>		

DETAILS OF THE INSTALLATION

Occupier	<input type="text" value="A N Other"/>	Description of premises	Domestic <input type="checkbox"/>	Commercial <input type="checkbox"/>	Industrial <input type="checkbox"/>
Address	<input type="text" value="The Big House
1 Any Street
Anywhere
Any Time
Any Place
SO5 HIT"/>	Other	<input type="text" value="N/A"/>		
Date of previous inspection	<input type="text" value="Not Known"/>	Electrical Installation Certificate No or previous Periodic Inspection Report No	<input type="text" value="N/A"/>		
Records of installation available	<input type="checkbox"/>	Records held by	<input type="text" value="N/A"/>		
		Estimated age of the electrical installation	<input type="text" value="10"/>	yrs	
		Evidence of alterations or additions	<input type="checkbox"/>	If yes estimated age	<input type="text" value="1"/> yrs

EXTENT AND LIMITATIONS OF THE INSPECTION

Extent of electrical installation covered by this report

Agreed limitation of the inspection and testing

This inspection has been carried out in accordance with BS7671:2001(IEE Wiring Regulations), as amended. Cables concealed within trunking and conduits, or cables and conduits concealed under floors, in roof space and generally within the fabric of the building or underground have not been inspected.

DECLARATION

I/We, being the person(s) responsible for the inspection and testing of the electrical installation (as indicated by my/our signatures below), particulars of which are described above, having exercised reasonable skill and care when carrying out the inspection and testing, hereby declare that the information in this report, including observations overleaf and the attached schedules, provide an accurate assessment of the condition of the electrical installation taking into account the stated extent of the installation and the limitations of the inspection.

INSPECTION, TESTING AND ASSESSMENT BY:		REPORT REVIEWED AND CONFIRMED BY:	
Signature	<input type="text"/>	Signature	<input type="text"/>
Name	<input type="text" value="Neil Winterbottom"/>	Name	<input type="text" value="J Edwards"/>
Position	<input type="text" value="Inspector"/>		
Date	<input type="text"/>	Date	<input type="text"/>

SCHEDULES AND ADDITIONAL PAGES

Schedule of items inspected and schedules of items tested:	Page 4	Additional pages, including additional source(s) data sheets	Pages NONE
Schedule of Circuit Details for the installation	5	Schedule of Test Results for the installation	6

NEXT INSPECTION

I/We recommend that this installation is further inspected and tested after an interval of not more than 4 Weeks

Provided that any observations which have been attributed recommendation code 1 (requires urgent attention) are remedied without delay. Observations attributed recommendation code 2 or 3 should be acted on as soon as is practical.

DETAILS OF THE INSPECTION AND TEST COMPANY

Trading Title	Firehawk Ltd		
Address	Unit 6-14 Peel Street	Telephone number	01616835424
	Failsworth	Fax number	01616822223
	Manchester	NICEIC Enrolment No.	24513
	Manchester M35 0UF	Branch No. (if applicable)	N/A

SUPPLY CHARACTERISTICS AND EARTHING ARRANGEMENTS

* System Type(s)	* Number and Type of Live Conductors	Nature of Supply Parameters	* Supply protective device characteristics
TN-S <input type="checkbox"/>	a.c. <input type="checkbox"/> d.c. <input type="checkbox"/>	Nominal Voltage U <input type="checkbox"/> N/A V U _o <input type="checkbox"/> 230 V	BS(EN)
TN-C-S <input type="checkbox"/>	1-Phase (2 wire) <input type="checkbox"/> 1-Phase (3 wire) <input type="checkbox"/> 2 Pole <input type="checkbox"/>	Nominal frequency f <input type="checkbox"/> 50 Hz	<input type="checkbox"/> 1361 Fuse HBC
TN-C <input type="checkbox"/>	2-Phase (3 wire) <input type="checkbox"/> 3 Pole <input type="checkbox"/>	Prospective fault current I _{pf} <input type="checkbox"/> 1.50 kA	Type <input type="checkbox"/> 2
TT <input type="checkbox"/>	3-Phase (3 wire) <input type="checkbox"/> 3-Phase (4 wire) <input type="checkbox"/> Other <input type="checkbox"/>	External loop impedance Z _e <input type="checkbox"/> 0.35 Ω	Nominal current rating <input type="checkbox"/> 100 A
IT <input type="checkbox"/>	Other <input type="checkbox"/> N/A	Number of supplies <input type="checkbox"/> 1	Short circuit capacity <input type="checkbox"/> 33 kA

PARTICULARS OF INSTALLATION REFERRED TO IN THE CERTIFICATE

* Means of Earthing	Details of Installation Earth Electrode (where applicable)		
Distributor's facility <input type="checkbox"/>	Type (eg rod(s), tape etc) <input type="checkbox"/> N/A	Location <input type="checkbox"/> N/A	
Installation earth electrode <input type="checkbox"/>	Electrode resistance, R _A <input type="checkbox"/> N/A Ω	Method of measurement <input type="checkbox"/> N/A	
* Main Switch or Circuit-Breaker		Maximum Demand (load) <input type="checkbox"/> 20 A per phase	Method of protection against indirect contact <input type="checkbox"/> EEBAD
Type BS(EN) <input type="checkbox"/> 61008 RCD	Voltage rating <input type="checkbox"/> 230 V		
No of poles <input type="checkbox"/> 2	Current rating <input type="checkbox"/> 100 A		
Supply conductors material <input type="checkbox"/> Copper	RCD Operating current, I _{Δn} <input type="checkbox"/> 30 mA		
Supply conductors csa <input type="checkbox"/> 25 mm ²	RCD Operating time at, I _{Δn} <input type="checkbox"/> 14 ms		
		Main Protective Conductors	
		Earthing Conductor	Main equipotential bonding conductors
		material <input type="checkbox"/> Copper	material <input type="checkbox"/> Copper
		csa <input type="checkbox"/> 16 mm ²	csa <input type="checkbox"/> 10 mm ²
		Continuity check <input type="checkbox"/>	Continuity check <input type="checkbox"/>
		Bonding of extraneous conductive parts	
		Water <input type="checkbox"/>	Gas <input type="checkbox"/>
		Oil <input type="checkbox"/> N/A	Steel <input type="checkbox"/> N/A
		Lightning <input type="checkbox"/> N/A	Other <input type="checkbox"/> N/A

* Where a number of sources are available to supply the installation, and where the data given for the primary source may differ from other sources, a separate sheet must be provided which identifies the relevant information relating to each additional source.

SCHEDULE OF ITEMS INSPECTED (see section 712 of BS 7671: 2001)

Method of protection against electric shock:		Prevention of mutual detrimental influence	
N/A	(i) SELV	Ü	a. Proximity of non-electrical services and other influences
N/A	(ii) Limitation of discharge of energy	Ü	b. Segregation of Band 1 and Band 2 circuits or Band1 insulation used
		Ü	c. Segregation of safety circuits
Protection against direct contact:		Identification	
Ü	(i) Insulation of live parts	Ü	Presence of diagrams, instructions, circuit charts and similar information
Ü	(ii) Barriers or enclosures	Ü	Presence of danger notices and other warning notices
N/A	(iii) Obstacles	Ü	Labelling of protective devices, switches and terminals
N/A	(iv) Placing out of reach	Ü	Identification of conductors
N/A	(v) PELV		
Ü	(vi) Presence of RCD for supplementary protection	Cables and conductors	
		Ü	Routing of cables in prescribed zones or within mechanical protection
Protection against indirect contact:		Ü	Connection of conductors
	(i) EEBAD including:	Ü	Erection methods
Ü	Presence of earthing conductors	Ü	Selection of conductors for current-carrying capacity and voltage drop
Ü	Presence of circuit protective conductors	Ü	Presence of fire barriers, suitable seals and protection against thermal effects
Ü	Presence of main equipotential bonding conductors	General	
Ü	Presence of supplementary equipotential bonding conductors	Ü	Presence and correct location of appropriate devices for isolation and switching
Ü	Presence of earthing arrangements for combined protective and functional purposes	Ü	Adequacy of access to switchgear and other equipment
Ü	Presence of adequate arrangements for alternate sources, where applicable	Ü	Particular protective measures for special installations and locations
Ü	Presence of residual current devices	Ü	Connection of single pole devices for protection or switching in phase conductors only
N/A	(ii) Use of Class II equipment or equivalent insulation	Ü	Correct connection of accessories and equipment
N/A	(iii) Non-conducting location: Absence of protective conductors	N/A	Presence of undervoltage protective devices
N/A	(iv) Earth-free local equipotential bonding: Presence of earth-free equipotential bonding conductors	Ü	Choice and setting of protective and monitoring devices (for protection against indirect contact and/or overcurrent)
N/A	(v) Electrical separation	Ü	Selection of equipment and protective measures appropriate to external influences
		Ü	Selection of appropriate functional switching devices

SCHEDULE OF ITEMS TESTED (see section 713 of BS 7671: 2001)

Ü	External earth fault loop impedance, Z_e	N/A	Protection by separation of circuits
N/A	Installation earth electrode resistance, R_A	N/A	Protection against direct contact, by barrier or enclosure provided during erection
Ü	Continuity of protective conductors	N/A	Insulation of non-conducting floors and walls
Ü	Continuity of ring final circuit conductors	Ü	Polarity
N/A	Insulation resistance between live conductors	Ü	Earth fault loop impedance, Z_s
Ü	Insulation resistance between live conductors and earth	Ü	Operation of residual current devices
N/A	Site applied insulation	Ü	Functional testing of assemblies

Ü to indicate an inspection has been carried out and the result was satisfactory
 Ü to indicate an inspection has been carried out and the result was unsatisfactory

N/A to indicate the inspection is not applicable

