

<b>BEMS – ELECTRICAL TEST REPORT – FORM1</b>	Date:
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Either Purchase Order No: *(Preferred)*

Report No:

or Work Order No:

Location of Work:      Site:  
Area:                      Floor:

Building:  
Department:

Door Frame ID:

Electrical Work Carried Out:

✓	Visual Inspection Checklist
	Service clearance satisfactory
	Property pole and aerials satisfactory
	Aerials insulated where required
	Point of attachment satisfactory
	Switchboard / meter position satisfactory
	Earth Electrode and main earth satisfactory
	Equipotential bonding satisfactory
	Earthing of sub-boards / outbuilding correct
	All subcircuit protection devices correct
	Meter tariff connections / markings correct
	Switchboard connections / markings correct
	Switchboard circuit schedule completed
	All cable entries to switchboard bushed
	Vermin-proof switchboard entries
	All accessories / equipment suitable for their position and adequately fixed
	Cables subject to damage adequately protected
	Cables in thermal insulation provided with suitable electrical protection
	Lights have adequate clearance from flammable material or thermal insulation
	Checked function of appliances and installation
	Clearance from water containers adequate
	Clearance from gas equipment adequate
	Stove is stable (anti-tilt mechanism fitted)
	All subcircuit cables are correct size
	Number of points per circuit fit for purpose
	RCDs suitable for respective subcircuits
	Subcircuit lengths suitable for fault-loop impedance
	Cleaned and operated smoke alarms, where fitted
	Switchboard interior clean / free or rubbish
	MEN checked before leaving site

Test Results			
<b>Earthing Continuity (maximum reading)</b>			
Main Earth:			Ohm/s
Sub-main Earth:			Ohm/s
Equipotential Bonding:			Ohm/s
Lighting Points:			Ohm/s
GPO Points:			Ohm/s
Stove:			Ohm/s
Hot Plates:			Ohm/s
Hot Water Unit:			Ohm/s
Other Equipment:			Ohm/s
<b>Insulation Resistance (minimum reading)</b>			
Installation A and N to earth (excl elements):			Mohm/s
Stove A and N to earth:			Mohm/s
Hot plates A and N to earth:			Mohm/s
Hot water unit A and N to E:			Mohm/s
<b>Polarity</b>			✓
Tested polarity at main switchboard: .....			
Tested polarity and switching of all points in power, lighting and appliance circuits:			
Tested polarity at sub-boards: .....			
<b>Correct Circuit Connections</b>			✓
Checked interconnection of all subcircuits:			
<b>Fault-loop Impedance</b>			
Circuit	Ohm/s	Circuit	Ohm/s
-		-	
-		-	
<b>RCDs</b>		<b>Circuit</b>	<b>Time @ 0<sup>0</sup>/180<sup>0</sup></b>
RCD tested:			msec
RCD tested:			msec
RCD tested:			msec
RCD tested:			msec

I certify that the electrical installation, to the extent that it is affected by the electrical work, has been tested to ensure it is electrically safe and is in accordance with the requirements of the wiring rules and any other standard applying to the electrical installation under the Electrical Safety Regulation 2013.

Tested by:  
Electrical Licence No:  
Electrical Contractor Licence No:  
Date:

Tester's Signature:

