



**ELECTRICAL TESTING OF THE AGA ELECTRIC
COOKER FOR C E SURVEILLANCE USING CLARE
ELECTRICAL SAFETY TESTER TYPE A252**

In order to comply with EN 60335 requirements it is necessary to carry out electrical safety checks and it is mandatory that the results of all these checks are recorded on the forms provided. This form must be completed and signed on site then sent to Aga Ref: Aga Quality Department.

PLEASE NOTE: Due to the high voltages, the appliances must be on an electrical insulating surface, for example concrete floor, and must not be touched while under test (it must not be touching any other domestic pipework such as gas or water pipes). During these tests the elements remain in circuit and NOT disconnected. Ensure the working area is clear of non-involved people, children and animals.

TEST PROCEDURE

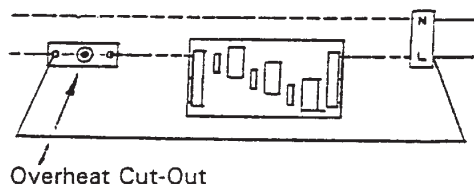
1. Visual Inspection
2. Insulation Resistance
3. Over Voltage Flash Test
4. Earth Continuity

TESTING APPLIANCE USING THE CLARE TEST INSTRUMENT A252

IMPORTANT: Before connecting incoming power cable to the appliance:

1. Obtain 3 metre length of 3 core 13A cable with a 3 pin fused plug connected to one end.
2. Connect test cables.

Aga Electric C/E



3. Insert the cable plug into the socket (designated Test Socket) of the Clare Test.
4. Connect the cable/plug of the Clare Tester to an adjacent 13A 230V a.c. earthed supply.
5. Secure the GREEN CLIP to clean exposed metal on the appliance *front plate. If the surface should be corroded, clean it to reveal new metal and ensure good contact.
6. Switch on the power to the Tester.
7. Turn the selector switch to 1250V RMS (Flash Test)/0.1 Earth Circuit Test.
8. Depress the Safety Test Button for 10 SECONDS ONLY and observe the indicator lamps. The Earth Circuit Test FAIL will flash and both Earth Circuit and Insulation (Flash) Test Pass (GREEN) lamps will glow. This means that the unit has passed the Earth Circuit Insulation and Flash Test.

IF ANY FAULT LAMPS SHOULD GLOW, THE FAULT SHOULD BE RECTIFIED AND THE APPLIANCE RE-TESTED.

9. Isolate power supply from Clare Tester at the supply socket.
10. Remove plug from TEST SOCKET on CLARE TESTER.

INSULATION RESISTANCE TEST - 500V DC TEST USING MEGOHMMETER Z418

Put leads 'in turn' across:-

1. Line and Earth
2. Neutral and Earth
3. Overheat Cut-Out and Earth

Select Megohms Scale

Press Test Button

The needle should read greater than 200 Megohms,

If the reading is below 0.5M. Re-check circuits and correct fault and repeat test.

When acceptable test is achieved, record results on the test form.

LOAD TEST

This is the final test and can only be carried out after the appliance is fully connected to the respective mains power supply.

With the appliance core taking peak tariff power charge, clip the ammeter onto the line (L) cable connected to the overheat cut-out and note the current flowing, record in the appropriate place on the form.

It should be approximately 23A and 25A and the power is switched OFF followed by the removal of the clip-on meter.

TESTS ARE NOW COMPLETE, APPLIANCE AND INSTALLATION MEET ALL BEAB REQUIREMENTS.

IT IS IMPORTANT THAT THE TEST REPORT FORM BE COMPLETED AND SENT TO AGA AS SOON AS POSSIBLE.

**For further advice or information contact
your local distributor/stockist**

With Aga's policy of continuous product improvement, the Company reserves the right to change specifications and make modifications to the appliance described and illustrated at any time.



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