

SLOW COMBUSTION HEATER CERTIFICATION

Summary by Test Laboratory or Manufacturer after testing to AS/NZS 4012:2014 & AS/NZS 4013:2014

Test Report No:

Date: / /

Test Laboratory

Name	
Address	
Postcode	
Telephone	
Fax	
Contact Name	

Manufacturer

Name	
Address	
Postcode	
Telephone	
Fax	
Contact Name	

Appliance

Make	
Model	
Type	

1. Was all documentation required under Section 8.2 of AS 4013 provided with the appliance for testing? YES/NO
2. a) Was a photograph of the appliance taken and is it on file at the Test Laboratory? YES/NO
- b) Was a photograph of the Fuel Load in position in the Heater taken and is it on file at the Test Laboratory? YES/NO
- c) Can the appliance be fitted with a Water Heating Device? YES/NO

- d) Was a water-heating device fitted and operated during testing? **YES/NO**
- e) Is the Fuel Loading Geometry specified in the Operating Manual?
If the answer to 2.e) is NO - go to 2.f) - ELSE go to 2.g) **YES/NO**
- f) Is the Fuel Loading Geometry specified in the Test Report? **YES/NO**
- g) Did the Test Fuel comply with the appropriate requirements of AS 4014? **YES/NO**
- h) Does the appliance have an Air Circulation Fan?
If the answer to 2.h) is YES - go to 2.i) - ELSE go to 2.j) **YES/NO**
- i) Was the appliance tested in accordance with Section 6.7.3 of AS 4012? **YES/NO**
- j) Is the appliance fitted with a catalytic combustor?
If the answer to 2.j) is YES - go to 2.k) - ELSE go to 3.a) **YES/NO**
- k) Was the conditioning carried out in accordance with Section 6.1.2 of AS 4012? **YES/NO**

3. Summary of Test Report

a)	Type of Fuel used in the Test		
b)	Species of Firewood		
c)	Gross Calorific Value of Fuel		MJ/kg, oven dry
d)	Average Density		kg/l, oven dry
e)	Average Ash content		% by weight, oven dry
f)	Average Moisture content		% wet mass basis
g)	Firewood Piece Length		mm
h)	Number of Firewood Pieces per Load		
i)	Mass of Fuel Load		kg, wet
j)	Post Conditioning Air Flow Test		m ³ /min
k)	Post Burn Air Flow Test		m ³ /min

		High Burn	Medium Burn	Low Burn	
l)	Appliance Fan Setting				
m)	Average Power				kW
n)	Average Peak Power				kW
o)	Average Efficiency				%
p)	Average Fuel Consumption				kg/Hr oven dry
q)	Average Burn Time				min
r)	Average Particulate Emission Factor				g/kg

Appliance Particulate Emission Factor g/kg of Fuel

4. Does the Appliance conform to AS 4013? **YES/NO**

Name of Testing Officer:

Checked:

Date: / /

***SAMPLE* Compliance Plate**

MAKE (*name or trademark of manufacturer*)

TYPE (FREESTANDING, Freestanding with wetback, built-in)

MODEL

SERIAL NO: (can also be marked on the appliance on a separate plate)

TESTED BY: (*Laboratory name*)
(Address of Testing Authority)

TEST REPORT NO:
(date tested)

WHEN TESTED IN ACCORDANCE WITH AS/NZS 4012:2014 & AS/NZS4013:2014

MAXIMUM AVERAGE HEAT OUTPUT BURNING HARDWOOD
XX kW

OVERALL AVERAGE EFFICIENCY BURNING HARDWOOD
XX%

PARTICULATE EMISSIONS FACTOR – XXg/kg

CATALYTIC COMBUSTOR (YES/NO)

(If “YES”, include CATALYTIC COMBUSTOR TYPE, MODEL & SERIAL NUMBER)

Manufacturer/Distributor Contact Details

N.B. Writing on Compliance Plates to be a minimum 3mm high.

Serial Numbers on separate plates MUST be visible and permanently attached to the appliance.

* Maximum Average **NOT** Peak Heat Output

** This figure is the mathematical average of the efficiency values for all three burn cycles reported in the test.

N.B. The above is the minimum required by the Australian Standard. More can be added at the discretion of the manufacturer.