

Flue gas emission, power output and efficiency test

To comply with standard AS/NZS 4012:2014 and AS/NZS 4013:2014

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This accreditation does not extend to any opinions or any interpretations of test results contained in this report.

Test Report: W0101

Issue Date: 25/05/2016

Subject:

Sample description: Free standing wood burner

Make: Studio

Model: Oven

Standard Specification and scope:

1. AS/NZS 4012:2014 Domestic solid fuel burning appliances-Method for determination of power output and efficiency
2. AS/NZS 4013:2014 Domestic solid fuel burning appliances-Method for determination of flue gas emission

Content

The sample was tested as per the above instructions.

Summary

Efficiency and power was calculated using the loss-stack method in addition to taking into the consideration appliance & flue set-up, test fuel, preparation, fuel loading, burn rates & cycles, data recording intervals, wetback calculations and reporting of the results as stated in AS/NZS 4012:2014.

The solid fuel heater complied with the standard AS/NZS 4013:2014

Overall efficiency (%)	70
Space heating efficiency (%)	70
Water heating efficiency (%)	n/a
Emissions rate (g/kg dry weight)	1.50
Emission rate mg/MJ	99

More detailed test results are shown on page five to eight of this report.

Testing Completed 18/06/2016


Authorized Signatory


Tested by
Oystein Kalas