

# CON301: APPLICATION FOR AUTHORISATION OF A SMALL SCALE FUEL BURNING APPLIANCE

If you need help in filling out this form please contact our Customer Services staff on (03) 353-9007 or toll free 0800 EC INFO (0800 324 636). They will be able to provide some general assistance.

Send the completed application to: *Environment Canterbury, PO Box 345, Christchurch 8140.*

FOR OFFICE USE ONLY

Updated on database:

Date:

## 1. Applicant's details

Surname: \_\_\_\_\_ First names (in full): \_\_\_\_\_ Mr

Surname: \_\_\_\_\_ First names (in full): \_\_\_\_\_ Mr

OR

Registered Company name and number:

Postal address: \_\_\_\_\_ Postcode: \_\_\_\_\_

Phone (home): \_\_\_\_\_ Phone (business): \_\_\_\_\_

Fax (home): \_\_\_\_\_ Fax (business): \_\_\_\_\_

Email: \_\_\_\_\_ Cellphone: \_\_\_\_\_

Contact person:

You must declare by ticking this box if you are an Environment Canterbury staff member, an Environment Canterbury Commissioner or a family member of either.

## 2. Manufacturer's details (if different from above)

Contact person:

Company:

Postal address: \_\_\_\_\_ Postcode: \_\_\_\_\_

Email:

Phone: \_\_\_\_\_ Fax: \_\_\_\_\_

## 3. Application details

**Full name of appliance(s) for which authorisation is sought:**

**Authorisation being sought:**

- 3.1 Authorisation of an enclosed burner under Rule AQL2 of the Natural Resources Regional Plan.
- 3.2 Authorisation of a wood pellet fire under Rule AQL2A of the Natural Resources Regional Plan.

**To enable the prompt processing of this application, please ensure you have enclosed with this form the following:**

- For an enclosed burner:
 

Emissions and efficiency testing reports for each model. Testing shall be in accordance with AS/NZS 4012:1999 and AS/NZS 4013:1999, with information reported as specified in AS/NZS 4013 Section 8. Any departures from the standards should be identified and explained by the testing agency. Separate reports are required for each variation of an appliance (with or without wetback, freestanding or in-built). For appliances that are excluded from these test methods, authorisation may be obtained using "functionally equivalent testing". For further information on which methods may be acceptable, please contact the Consents Section of Environment Canterbury.
- For a pellet fire:
 

Emissions and efficiency testing reports for each model. Testing shall be in accordance with AS/NZS 5078:2007 and AS/NZS 4886:2007, with information reported as specified in AS/NZS 4886:2007 Section 8. Any departures from the standards should be identified and explained by the testing agency. Separate reports are required for each variation of an appliance (with or without wetback, freestanding or in-built). For appliances that are excluded from these test methods, authorisation may be obtained using "functionally equivalent testing". For further information on which methods may be acceptable, please contact the Consents Section of Environment Canterbury.
- Design drawings and detailed description of the appliance (and water booster if fitted including part identification numbers) as specified in AS/NZS 4013:1999 or AS/NZ 4866:2007 Section 8 which match the specifications of the test model to the production model.
- Current installation and operating instructions. Information must be consistent with test reports and clearly state authorised fuel, fuel loading patterns and installation clearances. Operating instructions should not state or imply that other than authorised fuels may be used.
- Current sales brochure. Information in the brochure shall be consistent with other documents provided.
- Proposed authorisation label, and details as to how and where it is to be attached. This label shall include the following information: (example in brackets)
  - (i) The manufacturer of the appliance (Smith Manufacturing Limited)
  - (ii) The unique model name (Wintertime Deluxe)
  - (iii) The unique serial number of the appliance
  - (iv) The number of the test report in which the appliance is described (ARS 01/2345)
  - (v) The authorisation number (123456)
  - (vi) The approved fuel for use in the heater (soft wood)
  - (vii) The measured (average) particulate emission rate in grams per kilogram (0.9 g/kg)
  - (viii) The measured emission rate per unit of useful heat output (68 mg/MJ)
  - (ix) The percentage measure of thermal efficiency (66%)
  - (x) The range of heat outputs tested (6.3 kW – 9.0 kW)
  - (xi) The statement "Performance may vary from test values depending on the actual operating conditions"
  - (xii) Space to allow the installer to place the date of installation.

**Note:** The actual authorisation number will not be known. Please indicate the space where it will go.

- Advice as to where an example of a production model, as tested, can be examined in Christchurch.
  - Installation safety testing report as required by AS/NZS 2918:2001. This report is required by the Appliance Assessment Group, Environmental Services Unit, Christchurch City Council.
4. 4.1 I agree to pay all reasonable costs incurred by the Canterbury Regional Council in receiving, processing and deciding an application under section 3.1 or 3.2.
- 4.2 I confirm that the information provided with the application is correct and I understand that the provision of any inaccurate information may cause an authorisation to be reviewed or Clean Heat eligibility to be cancelled.

\_\_\_\_\_  
Signature of Applicant or duly authorised agent

\_\_\_\_\_  
Date

## WOOD BURNER LABEL REQUIREMENTS

**Manufacturer:**

**Model:**

**Date checked:**

The following are the label requirement to ensure that the authorisation is consistent with NRRP Rule AQL2 and the standards (AS/NZS 4012/4013) and include any additional info determined to be necessary.

The following information shall be marked, in a permanent and legible manner, on one or more plates permanently attached to the appliance in a position that is **readily visible after installation**.

### A Information as a condition of authorisation:

1. The name of the manufacturer.\*
2. The unique model name.\*
3. The unique serial number of the appliance.\*
4. The number of the test report in which the appliance is described.\*

\* also required under AS/NZS 4012:1999 or AS/NZS 4013:1999.

### B Information required by Condition 1 of Rule AQL2:

5. The authorisation number.
6. The statement "Performance may vary from test values depending on the actual operating conditions."
7. The approved fuel for use in the heater.
8. The measured (average) particulate emission rate in grams per kilogram(g/kg).
9. The measured emission rate per unit of useful heat output (mg/MJ).
10. The percentage measure of thermal efficiency.
11. The range of heat outputs tested.
12. Space to allow the installer to place the date of installation.

### C Information required if the applicant claims that the appliance complies with the AS/NZS standards, AS/NZS4012:1999 and AS/NZS4013:1999 :

13. The statement "TESTED TO AS/NZS 4013:1999" in letters at least 3 mm high.
14. The statement "MAXIMUM AVERAGE HEAT OUTPUT BURNING SOFTWOOD – xx kW" in letters at least 3 mm high.
15. The statement "OVERALL AVERAGE EFFICIENCY BURNING SOFTWOOD xx %" in letters at least 3 mm high, then below this the statement "when tested in accordance with AS/NZS 4012:1999"
16. The statement "BURN ONLY UNTREATED WOOD WITH A MOISTURE CONTENT LESS THAN 25% (dry basis)."
17. A permanent label with the statement "BURN ONLY SOFTWOOD" in letters 3mm high shall be attached. This statement shall be visible to the operator when opening the fuel loading door.