



Standards (Fuel and its use)

The standards that relate to the use of wood fuel in New Zealand are in many ways driven by the aim to reduce emissions to air and the aims of the [National Environmental Standard for Air Quality](#).

Standards that fit with these aims include the following:

Equipment related Standards

- Residential Use Scale - Approved Equipment/Appliances** - The Ministry for the Environment has tested and developed a list of approved wood burners. The emissions associated with these burners are significantly lower relative to older burners and open fires. Access the list and further details [here](#).
 It's worth noting that even with a high quality appliance, poor quality fuel will lead to poor quality emissions.
- Commercial/Industrial Use Scale - Air Quality Thresholds** - At the larger end of the equipment scale, approvals are related to emissions but in the form of a consent.
 Equipment Tuning - While there are no standards for equipment tuning (rather there is a Guideline), the aims of the guide are in part to unify the standard to which boilers are tuned. Find out more [here](#).
- Fuel Quality Standards** - There are industry developed and led standards - the BANC Wood Fuel classification Guidelines set out the characteristics that wood fuel users should seek out when buying fuel. For a SAMPLE copy of these guidelines see [here](#).
- Technical Standards:** - The Bioenergy Association of New Zealand (BANC) Executive Officer is on the joint New Zealand / Australian Standards Committee so if you have technical matters relating to standards contact him on executive@bioenergy.org.nz
- Installer Training / Approval Standards** - While there are no specific installations standards, large scale equipment suppliers will generally be trained by the product developer on how to install the kit. Contact the Bioenergy Association executive@bioenergy.org.nz.