

Environmental Health Referral Response - Solid Fuel Heaters

Application Number:	Mod2021/0860
Date:	05/01/2022
Responsible Officer	Stephanie Gelder
Land to be developed (Address):	Lot 9 DP 3742 , 16 Fairlight Crescent FAIRLIGHT NSW 2094

Reasons for referral

This application requires detailed consideration of solid fuel heaters.
And as such, Council's Environmental Investigations officers are required to consider the likely impacts.

Officer comments

General Comments

Although not clearly addressed, the BBQ adjacent to the pool area, appears to be gas or electric and as such no objection is raised provided the exhaust from the range hood is NOT directed towards any windows on the adjoining dwelling.

Importantly the "wood fire place " shown on plan will need to comply with Australian Standards and require the flue to extend above the height of adjacent unit windows and to be 6m minimum clear of the neighbouring building to minimise nuisance.

Recommended conditions are provided below .

Note: Should you have any concerns with the referral comments above, please discuss these with the Responsible Officer.

Recommended Environmental Investigations Conditions:

DEVELOPMENT CONSENT OPERATIONAL CONDITIONS

Certificate of Compliance

Provide Council a certificate from an appropriately qualified person indicating the system is compliant with all relevant legislation, Building Code of Australia, Australian Standards, Specifications and manufacturer requirements.

Reason: To ensure the system operates in a legislatively compliant manner.

CONDITIONS WHICH MUST BE COMPLIED WITH PRIOR TO THE ISSUE OF THE OCCUPATION CERTIFICATE

Installation of solid/fuel burning heaters

Installation work must be carried out by an appropriately experienced and qualified person and in accordance with the relevant provisions of AS2918:2001 – Domestic Solid Fuel Burning Appliances –

Installation

Reason: To ensure the installation is completed in a legislatively compliant manner.

Certification of solid fuel burning heaters

The solid fuel heater must be certified to comply with Australian Standards 4012 and 4013 , Specifications and manufacturer requirements is to be submitted to the certifier prior to the operation of the solid fuel heater.

In the case of a heater sold on or after 1 September 2019—a certificate issued by a body approved by the EPA and certifying that all heaters of that model:

- (i) comply with Standard 4012 and Standard 4013, and
- (ii) have an overall average efficiency of not less than 60% as tested and calculated in accordance with Standard 4012, and
- (iii) have an appliance particulate emission factor, as tested and calculated in accordance with Standard 4013, not greater than:
 - (A) 1.5 g/kg (for heaters without catalytic combustors), or
 - (B) 0.8 g/kg (for heaters with catalytic combustors).

The flue shall not be less than 6m horizontal distance from the neighbouring building.

Reason: To ensure the system operates in a legislatively compliant manner.

ON-GOING CONDITIONS THAT MUST BE COMPLIED WITH AT ALL TIMES

Maintenance of solid fuel heaters

The owner/occupier shall ensure servicing of the heater is maintained according to the manufacturer's specifications.

Reason: To ensure that works do not interfere with reasonable amenity expectations of residents and the community.