

## Environmental Health Referral Response - Solid Fuel Heaters

<b>Application Number:</b>	DA2019/0595
<b>Responsible Officer</b>	Adam Urbancic
<b>Land to be developed (Address):</b>	Lot 1 DP 936960 , 21 Pine Street MANLY NSW 2095

### 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

Environmental Health has reviewed this application with regard to extension of the existing chimney. All though the chimney is existing or "historical", any new installations have to comply with current standards. In a practical sense, Environmental Health understands that a new system would not have a historical look. Perhaps a solution is to fit a new wood-fired heater inside of the brick-work.

Our review found that none of the required information was submitted to Council with the application and therefore recommend refusal.

The following information and provisions are required if the applicant wishes to install a new wood-fired heater:

1. Provide details from an appropriately qualified person that the proposed heater meets the emission control requirements of AS 4013.2014
2. Provide evidence from the installer that the proposed heater will meet the requirements of AS/NZS 2918.2001
3. Provide plans demonstrating that the flue pipe will extend not less than 4.6m above the top of the floor protector
4. If the flue is 3m or less in horizontal distance from the highest point of the roof, is the top of the flue at least 600mm above highest point of the roof?
5. If the flue is over 3m metres in horizontal distance from the highest point of the roof, is the height of the flue at least 1000mm above the roof penetration?
6. Does the topography of the site or likely weather patterns or configuration of nearby dwelling/s indicate a potential to cause a smoke nuisance (Include on site plan)?
7. Are there any significant trees or other environmental or structural factors in the immediate vicinity that may cause a smoke down draught (Include on site plan)? NOTE: If the answer to questions 6 or 8 is YES, consideration should be given to not installing the Solid Fuel Heater, or relocating the heater to a more appropriate location in order to meet the above requirements
8. The application must contain site, floor and elevation plans drawn to a scale of 1:100 or 1:200 clearly demonstrating the location of the proposed heater and the proposed flue in relation to the roof line of the dwelling and the closest neighbouring dwelling/building.
9. Again, specifications of the appliance to be installed indicating compliance with AS/NZS 2918:2001 and the Building Code of Australia.

### Recommendation

REFUSAL

**Recommended Environmental Investigations Conditions:**

Nil.