

# Solid Fuel, Oil and Diesel Burner Guidance Document



## Minimum Documentation Required

- Floorplan
- Manufacturers Installation Instructions
- Flue Installation Instructions
- Flashing Specifications
- Proof of Ownership – (must be issued within the previous three months)

**Documentation must be submitted as a PDF file type**

**Must be legible and show reference to the proposed address/owners**

**Documentation that has previous/historic consent information visible will not be accepted**

## Solid Fuel Burning Appliance

- ☐ Location of appliance and smoke alarms shown on floorplan
- ☐ Show the proximity of window drapes/curtains to maintain the minimum clearance
- ☐ Roof/wall flashing information provided to comply with NZBC E2
- ☐ If heater does not meet the clearance requirements of the Manufacturer's Instructions or AS/NZS2918:2001. Provide reduction factor calculation page of AS/NZS 2918:2001 and indicate reduced clearances on floorplan for any required heat shielding
- ☐ **Flue and Liner**
  - Manufacturers Installation Instructions – showing compliance to AS/NZ 2918:2001
  - Manufacturers Technical Information for Flue and Liner system, provide construction detail of flue penetration for skillion roof or penetration of 1 or more floors
  - Provide dimensioned drawing showing the details and location if the flue is offset
  - Chimney Ventilation
- ☐ **Wetback**
  - Confirm if tempering valve is new or existing
  - Confirm if connected to open vented HWC to comply with NZBC G12/AS1
  - Provide Certifying Plumbers details
  - Provide drawing of wetback revolve pipe setup
- ☐ **Second Hand Fuel Burning Appliances** – a letter from an approved person confirming the appliance is acceptable to install. An approved person could be on Councils Producer Statement Register or be approved by the Fuel Burners Manufacturer. *Note: Fuel Burner must have a new flue system*

## Oil Fired and Diesel Burners

- ☐ Location of appliance and smoke alarms shown on floorplan
- ☐ Provide confirmation appliance tested to AS1690 Domestic Oil Fire Appliances Safe Design Code
- ☐ Manufacturers clearances to combustibles comply
- ☐ Test Certifier approval for appliance provided (for diesel supply above 50kPa)
- ☐ Confirmation appliance will be installed in a ventilated space
- ☐ Flue Installation
  - Manufacturers installation requirements
  - Roof/wall flashing information provided to comply with NZBC E2
- ☐ Tank Installation – confirm or provide the following
  - Manufacturers installation requirements
  - Tank location is minimum 2.5m away from any window of any habitable room or kitchen in any building on any adjoining property
  - Tank is not less than 380mm from the boundary (refer 3.2.7 AS 1691)
  - Tank is 100mm away from a combustible wall or 20mm away from non-combustible wall
  - Construction details for any bunding
  - Tank vent opening must not be within 1m from any opening into the dwelling or any window (including a fixed glazed window)
  - Details of how the tank is restrained / fixed down
  - Fuel supply line is metallic
  - Diesel Tank to be certified and be Stainless Steel
- ☐ Fire Valve
  - Make and Type
  - Installation Instructions
  - Location (must be outside and compliance with manufacturer's instructions)
- ☐ Backflow Prevention Details