

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

Please Note if the Solid fuel appliance does not meet the Acceptable solution of AS/NZS 2918, An Alternative solution application with the appropriate supporting documentation will be required with the Consent application. Please see the Application Forms page on the ICC website (Building).

Solid Fuel Burning Appliance

- Location of appliance and smoke alarms shown on floorplan (floorplan should show complete layout with all smoke alarms)
- 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