

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 [SBCG-34-Alternative-solution-A2182819.pdf \(icc.govt.nz\)](https://www.invercargill.govt.nz/~/media/Invercargill-City-Council/Files/2019/03/SBCG-34-Alternative-solution-A2182819.pdf) with the appropriate supporting documentation will be required with the Consent application

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