

Building Consent – Solid Fuel Heater Processing Checklist

ABA20201453

Section 1: Further Information Requests and Commentary

Record all decisions in regard to further information requests:

Section 1a: Consent Communication

Date	Details

Section 2: Approved Signoff

Does this building consent require approval signoff due to the Building Officer working under supervision?	No
If yes has been selected in either of the sections above, this statement must be completed. The relevant checks to establish compliance and the recording of the reasons made by the Processing Building Officer were checked and approved by Name on the Date	

Section 3: Consent Approval/Refusal

Type **yes** in the applicable statement

Approval All relevant technical checks have been made and legislative compliance has been demonstrated on reasonable grounds as per section 49 of the Building Act 2004. The reasons for decisions have been recorded and the consent is approved.	Yes
Refusal All relevant technical checks have been made, legislative compliance has not been demonstrated and the consent is refused as per section 50 of the Building Act 2004. Written notice of the refusal and the reasons for it has been forwarded to the applicant.	

Building Officer: Karen Walker

Date: 2 December 2020

Building Consent – Solid Fuel Heater Processing Checklist

ABA20201453

Section 4: Solid Fuel Heater Processing Checklist

Issues to Consider	Reasons for decisions																		
Application form check - Form completed correctly - Owner details match CT - Check property file	Application form complete and owner verified as M Clark. Property file checked to confirm submitted floor plan matches Council records. HDC ref: 16524#005																		
Type and Location of fire identified - Specification supplied (check manufacturers website to ensure up to date) - Floor plan supplied - Means of compliance identified (B1, B2, C2) - Requirements for seismic restraints - Minimum distances to combustible surfaces - Hearth type and specification for installation - Flue system specification and installation details	Replacement of existing Freestanding SFH - Metro Eco Wee Rad Wet Model technical and installation specifications supplied. SFH to be positioned in an internal corner of the lounge away from windows and doors. Requirements for seismic restraints and minimum distances to combustible surfaces detailed in specification. Ash flor protector suitable for model. Existing 1090x1090x70mm hearth demonstrates compliance with the manufacturer's requirements. Metro Eco flue detailed in application. Selected flue system appropriate for installation and demonstrates compliance with the manufacturer's requirements. Fireplace and flue to be installed in accordance with specifications supplied showing compliance with AS/NZS 2918 and therefore clauses B1, B2 and C/AS1 of the NZBC.																		
Alteration to existing (112) - Movement to place of safety identified (C4, F7) - Warning systems specified	Smoke detectors noted on the supplied floor plan in the hallway within close proximity to the two bedrooms shown and in the lounge near the exit to demonstrate compliance with F7, C/AS1 and NZ Building Act section 112 (1) (a) (i). No changes proposed to existing means of escape and egress paths.																		
RMA requirements met? - HBRC Airshed req - MFE requirements To be checked but not required for compliance with the Building Code or Building Act. Phone applicant to discuss implications if requirements are not met	HBRC approved SFH. Site within Zone 1 and unit suitable for area. Selected SFH is MFE approved 0.7g/kg. <table><tr><th>MANUFACTURERS</th><th>APPLIANCE</th><th>TYPE</th><th>FUEL</th><th>WATER HEATER</th><th>EMISSION (G/KG)</th><th>EFFICIENCY (%)</th><th>ECAN AUTHORISATION NUMBER</th><th>NELSON AUTHORISATION NUMBER</th></tr><tr><td>Pioneer Manufacturing Limited</td><td>Metro Wee Rad Base</td><td>Freestanding</td><td>Dry wood</td><td>Yes</td><td>0.7</td><td>67</td><td>152163</td><td></td></tr></table>	MANUFACTURERS	APPLIANCE	TYPE	FUEL	WATER HEATER	EMISSION (G/KG)	EFFICIENCY (%)	ECAN AUTHORISATION NUMBER	NELSON AUTHORISATION NUMBER	Pioneer Manufacturing Limited	Metro Wee Rad Base	Freestanding	Dry wood	Yes	0.7	67	152163	
MANUFACTURERS	APPLIANCE	TYPE	FUEL	WATER HEATER	EMISSION (G/KG)	EFFICIENCY (%)	ECAN AUTHORISATION NUMBER	NELSON AUTHORISATION NUMBER											
Pioneer Manufacturing Limited	Metro Wee Rad Base	Freestanding	Dry wood	Yes	0.7	67	152163												
External Moisture (E2) - Flashing systems identified - Compliance with E2 established	Iron roofing identified in original dwelling plans. Soaker flashing with Dektite premium system to flue detailed within the application. Detailed soaker/flue flashing drawing supplied to figure 54, E2/AS1. Selected flashing system appropriate for installation and demonstrates compliance with E2.																		
Ventilation and Interior Environment (G4 & G5) - Means of removing poisonous / flammable fumes & gases, airborne particles and products of combustion (G4.3.3 e,f,g & i) - Air supply for fixed combustion appliances (G4.3.5)	Poisonous / flammable fumes & gases, airborne particles and products of combustion will be removed by installation of a compliant flue system as identified in the manufacturer's requirements to satisfy G4.3.3 e,f,g & i. The air supply requirement of G4.3.5 will be satisfied by adventitious air typical of the era of the dwelling.																		

Building Consent – Solid Fuel Heater Processing Checklist

ABA20201453

Installation to reduce the likelihood of injury (G5.2.2)	Compliance with other relevant code clauses and installation according to the manufacturer's instructions will ensure compliance with G5.2.2.
Electrical (G9) Supply of electrical details around installation of fan system if part of SFH installation requirement	Replacement wetback proposed. No new electrical work required. G9 not applicable to this application and does not form part of this consent.
Wet Back installation - Means of compliance identified (G12) - Existing or new cylinder	Wet back installation specified. Cylinder located adjacent to SFH. Documents supplied show compliance with G12/AS1. Existing HWC with new pipework proposed. Wetback pipe work in accordance with G12/AS1.6.13 and tempering of water in accordance with G12/AS1.6.14. supplied as part of application demonstrating compliance with the requirements of G12

HPRM – Metadata - Site Copy - Solid Fuel Heater Approved Building Consent Documents