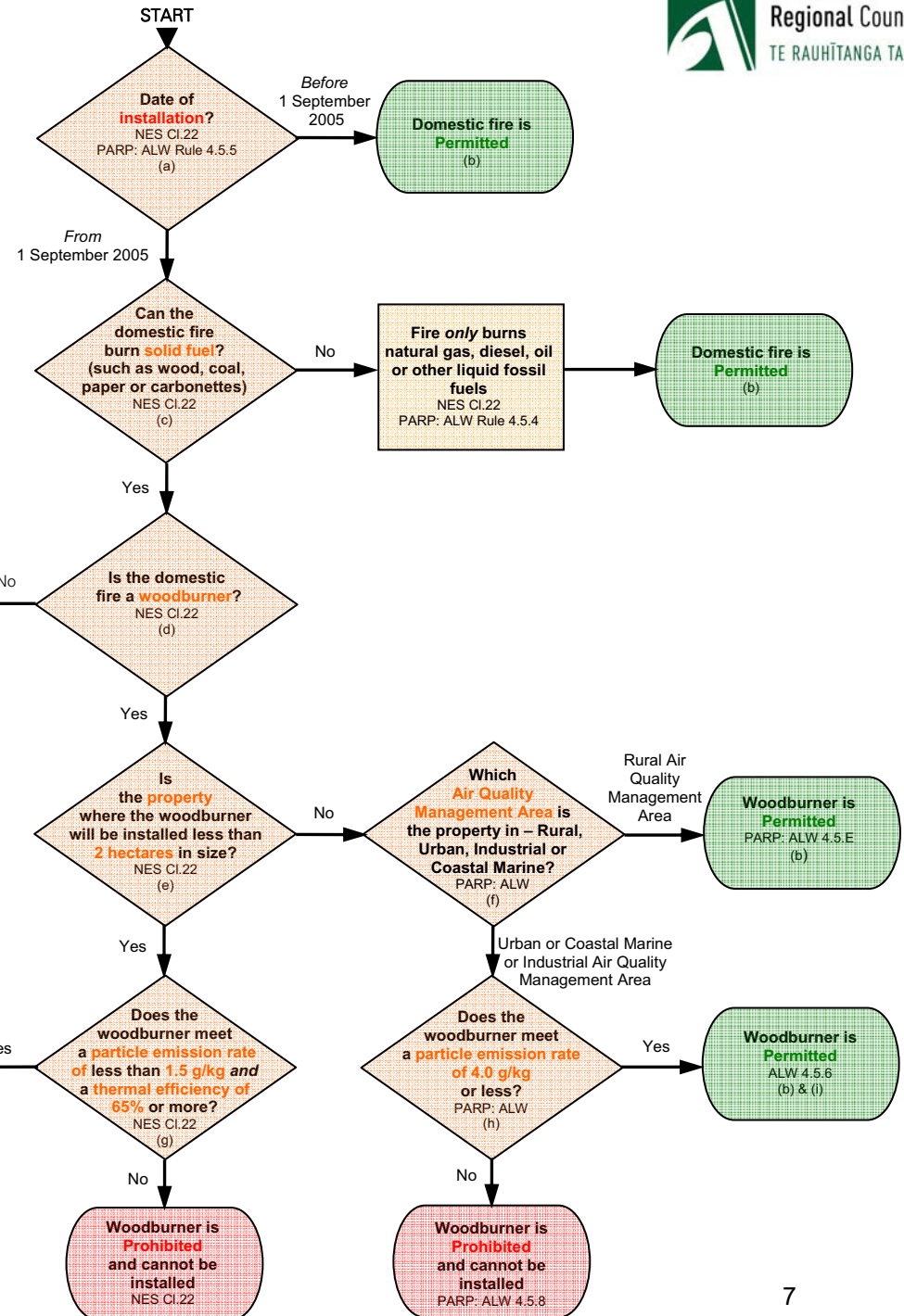


Notes:

- (a) All domestic fires that are installed into new buildings, replaced (for existing domestic fires) or retrofitted (into existing buildings).
- (b) All domestic fires including woodburners must comply with the following requirements.
 - All domestic fires must be operated so that they do not cause a nuisance to neighbours. Excessive smoke, ash or odour is not allowed (PARP: ALW 4.5.1 (a) to (c))
 - If burning wood - only dry, seasoned wood may be used. Wet or unseasoned wood is not allowed (PARP: ALW 4.5.9)
 - If burning coal, oil, diesel or other fossil fuels – only fuel with less than 0.5% sulphur can be used. All commercially available coal and diesel should easily comply with this; however, you will need to check carefully if you are using recycled oil (PARP: ALW 4.5.9)
- (c) **Solid fuel** means a solid substance that releases useable energy when burnt such as wood, coal, paper or carbonettes (PARP: ALW & NES Cl.3)
- (d) A **woodburner** means a domestic heating appliance that burns wood, but does not include an open fire, multifuel heater, pellet burner or a coal burning heater or a stove that is designed and used for cooking and is heated by burning wood (NES Cl.3)
- (e) **2 hectares** (ha) is the same area as 20,000 square metres (m²) or 215,278 square feet (ft²) or 4.94 acres
- (f) **Air Quality Management Areas** can be found at www.arc.govt.nz keywords: Map Series 1 and Map Series 1A (PARP: ALW)
- (g) The **woodburner** must be on Ministry for the Environment's (MfE) Approved Woodburner List.
 - The **particle emission rate** must be measured in accordance with the method specified in AS/NZS 4013:1999, Domestic solid fuel burning appliances – Methods for determination of flue gas emissions (NES Cl.23)
 - **Thermal efficiency** must be calculated in accordance with the method specified in AS/NZS 4012:1999, Domestic solid fuel burning appliances – Method for determination of power output and efficiency (NES Cl.24)
- (h) The **particle emission rate** should be measured in accordance with the method specified in AS/NZS 4013:1999, Domestic solid fuel burning appliances – Methods for determination of flue gas emissions or a functional equivalent method. Contact ARC staff if your domestic fire has been tested by any method other than AS/NZS 4013:1999. If the domestic fire has a catalytic combustor then the fire must meet a particle emission rate of 2.25 g/kg (PARP: ALW 4.5.6(a))
- (i) Domestic fires must discharge through a correctly installed chimney flue. Guidance on correct flue installation specifications including diagrams and methods for minimising nuisance to neighbours is give in Section 4.9.1 of AS/NZS 2918:2001, Domestic solid fuel burning appliances – Installations and Schedule 6 of the PARP: ALW (PARP: ALW 4.5.6(b))



Which type of domestic fire
can I install?