

Esperance Energy Transition Project

Minimum Standard of Works

This Minimum Standard of Works seeks to maintain a consistent approach to quality of works for customers impacted by the Energy Transition, ensuring a high level of customer experience is preserved and all participating trades understand the standard of works that will be required.

The Esperance Gas Network Distribution Company has announced it will stop supplying gas to the town in March 2023. Horizon Power is managing the energy transition away from the reticulated gas network. This will be done for residential properties (excluding Department of Communities homes) through the provision of a Energy Transition Subsidy to support conversion of appliances.

The gas appliances that will be required to be replaced for electric appliances are cooking appliances, hot water systems and heaters.

- The gas hot water systems will be replaced with heat pumps or other suitable electric option
- Gas space heater will be replaced with split system air-conditioners.
- The gas cooking appliances will be replaced like for like E.g. gas upright cooker for electric upright cooker, gas elevated cooker for electric elevated cooker.
- Where a suitable electric option is not available, or the customer wishes to retain a gas appliance, re-jetting of the appliance will be undertaken.
- Where re-jetting is not possible, and there is no electric option, a suitable, like-for-like gas appliance will be installed.

The requirements for each trade are below. Before submitting a price for the quoted works, it is recommended a site inspection is carried out to ascertain that all aspects of the works are covered within the quoted price.

Scope requirements Gas:

1. All gas works shall comply with AS/NZS 5601 and AS/NZS 1596.
2. Ensure any bottle placement is in a secure location.
3. Where required trade must liaise with the Esperance Gas Distribution Company in relation to coordinating times and dates as to when the property is due to be de-energised from service.

Scope requirements Electrical:

1. All electrical works must comply with AS/NZS 3000:2018 Electrical Installation "Wiring Rules" and comply to the Building Code of Australia requirements.
2. All electrical cabling must run (where practical), within cavity walls. If cabling cannot be run down cavity walls conduit/duct will be accepted in the condition it is run within a storeroom or cupboard/ walk in robe so it cannot be sited.

Scope requirements Air-conditioner

1. All split system air-conditioners are to be wired back to the switchboard and installed on their own circuit and install to all manufactures specifications.
2. Condensate discharge pipes to be installed in the best possible manner (e.g avoid discharging to footpaths and creating slip hazards)

Scope requirements Plumber

1. Hot water systems are to be installed to Plumbers Licensing and Plumbing Standards Regulations 2000, National Construction Code Volume Three: Plumbing Code of Australia, AS/NZS 3500 and Manufacturers Specifications
2. All relief valves must be sized correctly and discharging in the best possible manner (e.g avoid discharging to footpaths and creating slip hazards)
3. Relief valves being sized correctly
4. New and existing exposed pipework to be thermally insulated
5. Secure and appropriate base for all ground mounted appliances. Location to ensure pooling will not occur during rain
6. 250mm heat trap retained
7. Any pipework made redundant by the works shall be isolated and made safe
8. Any use of plastic pipework must be in accordance with all standards and specifications. Copper shall be used as a preference