

# MAJOR HAZARD FACILITY PUBLIC INFORMATION



WorkSafe must maintain a record containing the information below on an internet site in respect of each major hazard facility to which the major hazard facilities Health and Safety at Work (Major Hazard Facilities) Regulations 2016 apply, in accordance with regulation 68.

Date: 8/8/16

## Operator details

Full legal name: (limited liability, individual person, or other)	Mercury NZ Limited (Operator)
Trading name: (if different to legal name)	N/A

## Physical address of facility

Street number:	Street name:	Forest Road	
Suburb:	Mokai	City:	Taupo
Postcode:	RD2 Atiamuri		

Any other relevant information to identify the location of the facility, if required  
Tuaropaki Power Company Ltd (Owner)

## WorkSafe new Zealand designation and confirmation of the parts of the Health and Safety at Work (Major Hazard Facilities) Regulations 2016 that apply.

Major Hazard Facility Tier:

Lower Tier Major Hazard Facility  
Parts 1,2,3,4,6,7 of the Regulations apply

Upper Tier Major Hazard Facility  
Parts 1,2,3,4,5,6,7 of the Regulations apply

Other:

This major hazard facility is subject to the following parts of the regulations: Part 1 - 7

## Explanation of the activity or activities undertaken at the facility:

Electricity generation. The facility utilises Ormat Energy Converters with n-Pentane as a closed circuit motive fluid to produce electricity which is distributed through the national grid.

**Hazard classification of specified hazardous substances**

Tick all that apply

<input type="radio"/> Class 1: Explosives	<input type="radio"/> Class 1: Retail fireworks
<input type="radio"/> Class 2: Flammable gases	<input type="radio"/> Class 2: Aerosols
<input type="radio"/> Class 3.1: Flammable liquids	<input checked="" type="radio"/> Class 3.1: Flammable liquids where processing conditions, high temperature or pressure, may create major accident hazards
<input type="radio"/> Class 4.1: Self-reactive substances and mixtures	<input type="radio"/> Class 4.2: Pyrophoric liquids and solids
<input type="radio"/> Class 4.3: Substances that emit flammable gases in contact with water	<input type="radio"/> Class 5.1: Oxidising gases
<input type="radio"/> Class 5.1: Oxidising liquids and solids	<input type="radio"/> Class 5.2: Organic peroxides
<input type="radio"/> Class 6.1: Acute toxic	<input type="radio"/> Class 6.9: Specific target organ systemic toxicity (single exposure)
<input type="radio"/> Substances that react violently or liberate toxic gas on contact with water	

**Public warning in case of major incident**

General information about how the public will be warned in the event of a major incident at the facility:

- \* Mercury communications team in conjunction with Tuaropaki Power Company will manage all communications.
- \* Station staff will advise other business's and the local community of any major incident.
- \*Mercury staff will be located at various check points, a safe distance from the facility, to prevent the public from gaining access by road. This responsibility will handed to the NZ Police on their arrival.
- \*Members of the public will be asked to follow instructions provided by Emergency Services and Mercury staff.
- \*Emergency Services or Mercury staff will advise the local community of the all clear.

**Public actions in case of major incident**

General information about how the public should act and any precautionary steps that people should take if a major incident occurs at the facility:

- \*Any members of the public who are in the area should evacuate in a safe and orderly manner
- \*Evacuation should be in an upwind direction of the facility
- \*The station siren will sound continuously until the emergency is over