



COMMUNITY UPDATE

Information to Local Community - October 2019



IONA GAS PLANT

Safety Case Summary

This document presents a summary of the Iona Gas Plant Safety Case and is provided to the local community and municipal councils in accordance with Occupational Health and Safety Regulations 2017 (OHS Regulations).

Summary of the Safety Case

Lochard Energy owns and operates the Iona Gas Plant located at 285 Waarre Road, Port Campbell, Victoria.

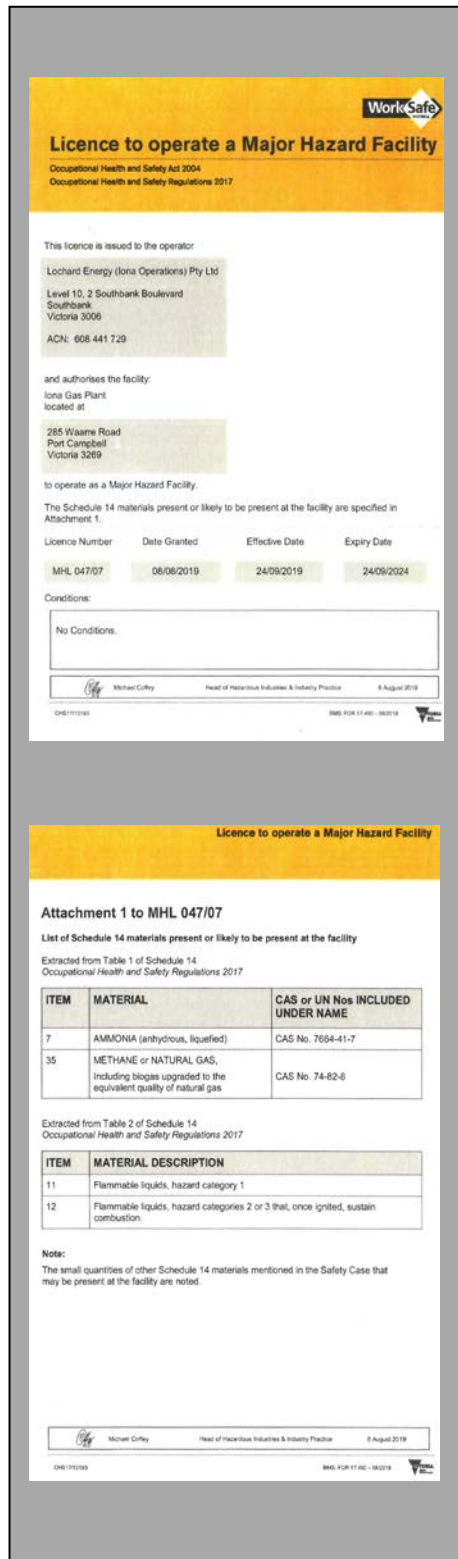
The Safety Case is a requirement of the gas plant's Licence to Operate as a Major Hazard Facility and has been prepared in accordance with the *Occupational Health and Safety Act 2004* and *Occupational Health and Safety Regulations 2017* (OHS Regulations). The Safety Case is to demonstrate Lochard Energy's commitment to safe operation, continual improvement and in particular that:

- Major Incidents (MIs) and Major Incident Hazards (MIHs) that could arise on the facility and the hazards that could cause them are identified and their associated risks are understood.
- Control measures for eliminating, preventing and mitigating these risks have been implemented so far as is reasonably practicable (SFARP).
- The Safety Management System (referred to as the Integrated Management System) provides an integrated and comprehensive system for managing all aspects of those control measures.

The Iona Gas Plant and its associated facilities provide gas storage, processing and compression facilities for Lochard Energy and for other gas industry operators. The gas plant receives gas from various gasfields and sources around the Port Campbell area, including:

- North Paaratte and Wallaby Creek fields operated by Lochard Energy.
- Third party suppliers, including gas from the Casino, Henry and Netherby offshore gas fields (referred to as Casino fields).
- Stored and residual native gas from the Iona reservoir operated by Lochard Energy.
- Gas from the South West Pipeline (SWP) operated by APA; VTS Australia (Operations) Pty Ltd (APA) or from the South Eastern Australia (SEA) Gas Pipeline operated by SEA Gas Pty Ltd, or Otway Gas Plant operated by Beach Energy Limited.

The Safety Case has been produced with extensive involvement of employees and management. External stakeholders such as regulators, emergency services and the local community have also been consulted.



Schedule 14 Materials

Schedule 14 Material means “a material referred to or a material that can be characterised as one or more of the materials set out in Table 2 of Schedule 14 in the Victorian OH&S Regulations 2017.

Schedule 14 Materials at the Iona Gas plant are flammable hydrocarbons (gas and condensate), ammonia and Spotleak (odourant).

Refer to the attached Licence to Operate for further details.

Major Incident Hazards (MIH)

Iona Gas Plant is a Major Hazard Facility and is required to provide all workers and visitors with information on the kind of major incident hazards that could occur or be present at this site. Iona Gas plant, as with all gas plants, has the potential for major incident hazards to occur resulting from loss of containment of dangerous goods that result in, but not limited to the following;

- Fires - Process fires or fires originating from an external source that may lead to process fires.
- Explosion.
- Toxic Gas Release (ammonia).
- Vehicle or mobile plant / equipment related incident.

These incidents are defined as low likelihood, high severity events that have the potential to effect the facility and adjacent properties. The potential for these major incident hazards occurring has been fully assessed via our Safety Case process with the risk reduced so far as reasonably practicable (SFARP)

Major Incident (MI)

Lochard Energy considers a MI to be a low likelihood, high severity incident involving Schedule 14 materials which could result in a fatality or permanent or severe disablement of one or more persons; including an emission, loss of containment, fire, explosion or release of energy.

Summary of Potential Major Incidents at Iona Gas Plant

- Loss of Containment (LOC) of natural gas from onsite wells and flowlines
- LOC of natural gas/condensate from Casino Slugcatcher
- LOC of natural gas/condensate from North Paaratte/Wallaby Creek inlet facilities
- LOC of natural gas/condensate from Train 1 & Train 2 inlet facilities
- LOC of natural gas/condensate from Train 1 & Train 2 dewpointing systems
- LOC of ammonia from Train 2 refrigeration system
- LOC of natural gas from Train 1 & Train 2 compression systems
- LOC of natural gas from export headers and customer connections
- LOC of condensate from Train 1 and Train 2 liquid handling system
- LOC of condensate from LP condensate flash vessel
- LOC of condensate from condensate tank
- LOC of natural gas/condensate from Vent/Flare system
- LOC of natural gas from fuel gas system
- LOC of natural gas from fuel gas blanketed tank
- LOC of natural gas from hot oil burner
- LOC of condensate during export to condensate truck
- LOC of Spotleak 1005 (odourant)
- LOC of natural gas/condensate – generic

Community Consultation

For Major Incidents any external communication will be via the Emergency Management Team (EMT) as approved by the EMT Director.

In the event of an emergency at the Iona Gas Plant the Emergency Response Plan will be activated. Should it be required, a member of the Emergency Services will notify those who may be affected to provide advice and if required, what action to take.

This bulletin has been provided to the following for their information and placement on noticeboards:

- APA Group
- Beach Energy
- Community Liaison Committee Members
- Cooper Energy
- Corangamite Shire
- Corangamire Shire Council Representatives
- Country Fire Authority (CFA)
- Department of Earth Resources
- Devin Wosminity – Land Liaison Officer, CNC Project Management
- Environmental Protection Authority (EPA)
- Local Libraries
- Local Visitor Information Centres
- SEA Gas
- Worksafe

More Information Required - Contact Us

For further information regarding the Safety Case or its content, please contact Josh McKenzie, Head of Operations, Iona Gas Plant via:

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