Appendix D External Consultation

Vopak Terminal Australia – Vopak Terminal Sydney – Site B

Safety Case Summary

Message from the Managing Director

Care for Safety, Health and the Environment is a core value for Vopak and is our highest priority. We are committed to prevent harm to people, the environment and the community in which we operate. We believe that all accidents and injuries are preventable and we act accordingly in every aspect of our business.

Our Port Botany Terminal (known as Site B) holds a Major Hazard Facility (MHF) licence. As a MHF, we are required to submit a Safety Case for assessment by SafeWork NSW. The Safety Case outlines the processes and procedures that allow us to operate safely.

This document is a summary of the Safety Case and explains how we manage the risk of our terminal operations to minimise the potential impacts on our neighbours and the community

Fulco van Geuns

Managing Director
Vopak Terminals Australia Pty Ltd
Gate B47 - 20 Friendship Road
Port Botany
NSW 2036

Terminal Description

Terminal Name	Vopak Terminal (Known as Site B)
Terminal Location	Gate B47 - 20 Friendship Road, Port Botany NSW 2036
MHF Licence	10075
Commissioned in	1996
Storage Capacity	Approximately 350,000 m3
Products stored	Gasoline, Jet fuel, fuel grade Ethanol and Diesel
Product import	By Ship and Pipeline
Product dispatch	Via Trucks or Pipeline
Operating Hours	Terminal manned and operates 24/7

What is a Major Hazard Facility?

Major Hazard Facilities are industrial sites that store, handle or process large quantities of hazardous chemicals and dangerous goods.

There are approximately 41 MHFs in NSW and Vopak Port Botany Terminal (Known as Site B) has been a licensed MHF since 2015.

What is a Safety Case?

Each MHF is required to submit a Safety Case in accordance with the OH&S Regulations to SafeWork NSW for assessment. The Site B Safety Case demonstrates that Vopak has identified all potential major incident or hazards/ threats that could result in a major incident, conducted a comprehensive and systematic risk assessment and established control measures to eliminate or reducing risk so far as reasonable practicable (SFARP).

The Safety Case also to demonstrate that Vopak has established a robust safety management system, implemented an emergency plan to control and minimise any major incident with potential on-site and/or off-site effects; and established a review mechanism to ensure control measures are continually assessed and updated as necessary.

The Site B Safety Case was updated in 2020 with involvement from the Terminal employees across all levels, including shift operators, engineers and managers working at Site B.

Scheduled 15 Materials

Site B has a number of scheduled materials on-site, the management of which, if not undertaken correctly, may contribute to or be affected by a major incident.

At Vopak, the handling of these materials is undertaken according to documented practices and protocols supported by instrument control systems designed to ensure equipment is operated within its designed parameters. Emergency shutdown systems are installed throughout the terminal and an emergency response plan with appropriate fire protection systems is in place and tested periodically.

Hazards and Control Measures

A hazard is anything that has the potential to cause harm such as an escape of hazardous chemicals and dangerous goods that has the potential to escalate to fire or explosion.

Control measures to manage these hazards are the equipment, systems and procedures in place to prevent this occurring such as:

- Equipment design specifications;
- Instrumented control and trip systems;
- Leak detection systems;
- Pressure relief systems;
- Detailed inspection and testing regime;
- Operating and maintenance procedures and training;
- Permit to work procedures; and site access controls;

Control measures such as emergency shutdown, site alarm, automated fixed firefighting systems and a comprehensive emergency response plan are also in place to ensure that in the unlikely event of an incident, it is detected and controlled quickly to minimise the likelihood that it will become serious.

Continuous Improvement

Vopak Australia is committed to continuous improvement in order to constantly strive to increase safety and minimise risks.

Emergency Response

Site B has comprehensive Emergency Response Plan (ERP) in place and emergency exercise drills are conducted regularly to test the plan and ensure readiness.

All storage tanks are fitted with automated water deluge systems to provide cooling in the unlikely event of fire. Storage tanks containing flammable products are fitted with foam protection, as is the main truck loading gantry. The Terminal has an on-site alarm with an automatic call-out to the Fire services NSW.

In the unlikely event that the effects of an incident go beyond the perimeter of our site the NSW Ports, emergency services and local council will work with the Vopak Terminal to manage the impacts to the community.

Terminal Alarms

The Terminal Alarm system is tested weekly. The alarms are loud and may be heard off-site.

The alarms are tested every Thursday between at 11:00 to 11:30 am. The test will last for 5 - 10 seconds only. The neighbouring facilities and the community does not need to take action when an alarm sounds.

If you hear a siren and would like more information you can call:

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