

NEWPORT TERMINAL DIESEL TANK REPLACEMENT PROGRAM



FREQUENTLY ASKED QUESTIONS

What is Viva Energy building at Newport Terminal?

As part of our maintenance and supply chain optimisation programs, we have identified that some of our diesel tanks at Newport Terminal are nearing end of life and need to be replaced.

How many tanks are being built?

In 2022, Tank 13 was demolished and a replacement tank constructed in its place in the eastern side of the terminal. In 2023, Viva Energy is proposing to build two new welded diesel storage tanks to replace existing riveted diesel storage tanks nearing the end of their life. The new diesel storage tanks will have 10 million litres working capacity each and are to be built near the newly constructed Tank 13.

Will this increase the number of tanks on-site?

This will not increase the number of tanks on site. Once these new tanks are built, the number of tanks in operation in the future will be lower than in 2022. There will be no net increase in volume stored. It is Viva Energy's intention to replace the old riveted tanks with new welded tanks.

What is the difference between flammable and combustible liquids?

The main difference between flammable and combustible liquids is the flashpoint, which refers to the lowest temperature at which the vapours generated by a liquid turn into a flammable gas and can ignite.

The lower the flashpoint, the more volatile and the higher the risk a liquid poses. Flammable liquids have a lower flashpoint than combustible liquids.

Because the flashpoint of diesel is above 60 degrees under the *Australian Dangerous Goods Code* diesel is classified as combustible liquid rather than flammable liquid.

How will diesel be stored at Newport Terminal?

Diesel will be stored and handled in accordance with Viva Energy's Safety and Environmental Management Systems, which include documented practices and protocols supported by instrument controls systems and emergency shutdown systems all of which is in compliance with applicable safety and environmental laws, standards and codes of practice including Australian Standard AS1940.

Viva Energy does not store diesel under pressure or at elevated temperatures and the diesel tanks have required separation from tanks which store Scheduled Materials which are within the scope of the Newport Terminal MHF Safety Case (see below for more information on the Newport Terminal Safety Case).

Do the planned diesel storage tanks affect the Newport Terminal Safety Case and/or its Major Hazard Facility licence?

Because Newport Terminal also stores and handles significant quantities of Flammable Liquids such as gasoline, solvents and kerosene which are classified as 'Scheduled Materials' under Victorian Occupational Health and Safety Regulations 2017 (**OHS Regulations**), it is designated as a Major Hazard Facility (**MHF**).

As an MHF, Newport Terminal holds an MHF operational licence and operates in accordance with stringent legal requirements including a Safety Case submitted to WorkSafe Victoria. A summary of the Newport Terminal Safety Case is published on our website (see: <https://www.vivaenergy.com.au/operations/newport-terminal>).

Because diesel is a combustible liquid rather than a flammable liquid (as explained above), diesel is not classified as a Scheduled Material under OHS Regulations and the storage and handling of diesel at Newport Terminal is outside of the scope of the MHF Safety Case.

The diesel tank replacement program will not increase Newport Terminal's risk profile and the Newport Terminal Safety Case is not affected and is not required to be revised because of the replacement tanks.

Why are the diesel tanks being built above ground?

It is common practice for storage and distribution facilities to have large, above ground storage tanks. Above ground tanks:

- allow for active monitoring and maintenance;
- have less environmental impact; and
- have more accurate inspection methods which enable anomalies to be found before any potential impact on the soil or groundwater.

Construction of underground tanks would involve the removal of a substantial amount of soil and disposal to landfill and the depth of excavation required would potentially have a detrimental impact on the water table.

Can tanks be painted different colour to improve visual amenity?

White and light grey are preferred colour options as they reduce heat within the tank and minimise vapour emissions. We have selected a light grey colour as this is consistent with the rest of the site.

What impact will construction work have on Digman Reserve?

There is potential for temporary noise and dust and some additional trucks/vehicles associated with the construction activity.

Viva Energy will have mitigation measures in place to manage any impacts in accordance with construction and environmental safety management plans for the works, which include traffic management, and controls where required.

Additionally, local community living, working and doing business near the site will be provided with timely information about the construction activities and can plan for any impacts.