

Safe storage of dangerous goods and hazardous substances on NorthConnex sites



NorthConnex is a nine kilometre tunnel that will link the M1 Pacific Motorway at Wahroonga to the Hills M2 Motorway at West Pennant Hills, removing around 5,000 trucks off Pennant Hills Road daily.

The tunnel motorway includes interchanges to the north and south to accommodate connections at either end of the project. When complete in 2019, it will link Sydney's north to the orbital network and enable travel from Newcastle (M1) to Melbourne without a single set of traffic lights.

NorthConnex will also boost the state and national economies by providing more reliable journeys and shorter travel times for the movement of freight.

Why do we need to store dangerous goods and hazardous substance materials on site?

To effectively operate plant, tools and equipment used in the construction of NorthConnex, dangerous goods and hazardous substance materials are required to be stored on sites. They are required for a variety of construction purposes and are commonly used for refuelling plant, tools and equipment and for construction processes.

What dangerous goods and hazardous substance materials are stored?

There will be different materials stored on each site, which include, but are not limited to cement, grout, adhesive, fuels, oil, grease, oxy/acetylene, paints and epoxies.

These materials are in line with the Environmental Impact Statement (EIS) and approval for the project and will not exceed maximum quantities identified in the inventory thresholds outlined in Section 8.2.1 of the EIS.

How are dangerous goods and hazardous substance materials stored?

The safety procedures for the NorthConnex project incorporate accepted best practice safety management. All chemicals brought onto a site compound require a Safety Data Sheet. This sheet determines all the necessary requirements in terms of safe handling, transportation, use and storage. All materials are assessed for safety using a NorthConnex hazardous goods risk assessment. Only the minimal quantities required are stored on site.

If the hazardous substance can be substituted, details of the risks and appropriate controls are then documented. Disposal of hazardous substances will be done in accordance with the Safety Data Sheet and legislative requirements.

Storage of dangerous goods and hazardous materials would occur in accordance with supplier's instructions and relevant Australian Standards and would be located in secure and identified locations within the compounds. As standard



practice, hazardous materials are stored in specialised lockable ventilated containers with a built in spill containment floor, with a minimum storage capacity of 110% of the largest stored container. These containers are segregated to ensure incompatible materials do not mix in the unlikely occurrence of a spill. This may include storing incompatible materials in different areas of the construction compound.

NorthConnex regularly audits chemical and materials storage and independent inspections are also undertaken. It is a requirement that the team disposes of chemicals that are no longer required. The site will not keep any unrequired materials on site.

All required personal protective equipment and spill kits are also stored on site compounds and staff are trained to ensure appropriate action is undertaken in the unlikely event of a spill. Appropriate warning signage, emergency procedures and fire extinguishers are also displayed within compounds that store any flammable materials.

What are the regulatory obligations for the storage of dangerous goods and hazardous substances on NorthConnex sites?

Regulatory obligations will be regularly monitored and compliance maintained during the storage of materials. This will be achieved by working in accordance to the project's Conditions of Approvals, all relevant Acts and Regulations and adhering to the Environmental Management Plans prepared for the NorthConnex project.

The storage of dangerous goods and hazardous substance materials was assessed as part of the project approval and the material quantities were approved in accordance with requirements under SEPP 33 (State Environmental Planning Policy No. 33 – Hazardous and Offensive Development). In addition, all materials on site will be stored in accordance with:

- Work Health and Safety Act and Regulation 2011
- The Code of Practice for Managing risks of hazardous chemicals in the workplace July - 2014 Australian Standards AS 4326 – 2008

- The storage and handling of oxidising agents, AS/NZS 4452 -1997
- The storage and handling of toxic substances, AS 3780 – 2008
- The storage and handling of corrosive substances, AS/NZS 1596 – 2014
- The storage and handling of LP Gas, AS/NZS 4681 – 2000
- The storage and handling of class 9 (miscellaneous) dangerous goods and articles, AS 1940 - 2004
- The storage and handling of flammable and combustible liquids.

More questions?

The NorthConnex project team is committed to working closely with you to inform you of upcoming work over the course of the project and to minimise impact from our construction activities.

For further information on NorthConnex please don't hesitate to contact members of the project team.

Phone: 1800 997 057 (24 hours a day)

Email: enquiries@northconnex.com.au

Mail: Locked Bag 1001, West Pennant Hills NSW 2125

Visit: NorthConnex Community Information Centre, 118 Yarrara Road, Pennant Hills, open weekdays from 9am to 5pm.

NorthConnex Website

Visit www.northconnex.com.au to stay in touch with the latest project information including construction progress and activities in your area.

Visit the interactive map on the website to view the depth and route of the main alignment tunnels: http://giswebapps.aecomonline.net/northconnex/map_view.html

If you require the services of an interpreter, please contact the **Translating and Interpreting Service (TIS International)** on **131 450** and ask them to call the NorthConnex Project Team on **1800 997 057** - the interpreter will then assist you with the translation.
TIS International business hours are 9am to 5pm Monday to Friday.

Translator



131 450

For more information:

 1800 997 057 (free call)

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 www.northconnex.com.au