



MUL057 MULWALA EXPLOSIVES FACILITY

AUG 2023 - FEB 2024
THALES (AUSTRALIA)
\$3.76 M

DEMEX was engaged as a subcontractor by Thales to undertake demolition and asbestos removal works at the Mulwala Explosives Facility in regional New South Wales. The project, involving removal of buildings, as well as all asbestos and explosive materials, was the third delivered by DEMEX.

Notably, this project involved numerous items of military historical significance, such as plant and production machinery, which needed to be retained in keeping with Federal Government requirements. Detailed planning was completed by the project team in order to meet these requirements and to avoid causing damage to the items.

CHALLENGES

Due to the age of the plant items, there were no certified lifting points, which resulted in an innovative rigging system being devised to ensure all items could be removed safely and undamaged.

Optimal sequencing of works was a key contributor to success, together with engineering design, crane work, and detailed oxy cutting. Cranes were used to lift the largest historical items from the buildings, with great care taken to avoid ignition of legacy explosives.

OUTCOMES

In keeping with our commitment to recycling, significant amounts of materials were processed onsite, including bricks, concrete, and scrap steel. The project was closed out with completion of civil bulk earthworks in preparation for the new carpark.

The core onsite team mobilised the 1,400 kilometres to Mulwala and was supplemented locally with labour hire for manual works and haulage.

PROJECT HIGHLIGHTS

- Repeat client.
- No safety or environmental incidents.
- Innovative rigging system used for craning.
- Cultural heritage preservation.