



ORANGE BASE HOSPITAL

AUG 2017 - AUG 2018
ZAUNER CONSTRUCTIONS
\$3.3 M

DEMEX was engaged as the sole contractor for demolition of the former Orange Base Hospital; a project which included an extensive hazardous material removal program encompassing large quantities of heavily vandalised friable asbestos pipe insulation across the site, lead contaminated dust, and underground storage tanks (UST).

The DEMEX hazmat removal team worked closely with the independent licensed asbestos assessor to remove the extensive list of hazardous materials to facilitate the safe demolition of structures.

The demolition works included a complete site clearance of the 23,000m² city block. The client prepared methodology required craning an excavator to the top of the six storey structure for a top down demolition.

However, DEMEX's demolition approach utilised a 62T high reach excavator, allowing demolition to be completed from the ground more quickly, cost effectively and safely.

On completion of the demolition works and excavation of the basement area, large scale legacy contamination was identified in the soil. Working with the onsite environmental scientist, approximately 10,000 tonnes of asbestos impacted soil was safely removed from site. Following the remediation works, the site underwent a validation sampling program to ensure the site was safe for future land users.

To reach the project's recycling targets, 23,000 tonnes of concrete was crushed, processed and stockpiled onsite for reuse.