

Project Profile

Botany Terminal Demolition and Asbestos Removal Project



Client	Oil Industry Leader
Location	Sydney, New South Wales
Duration	December 2014 - July 2015
Contract	Asbestos removal and tank demolition
Cost	\$1.2 million

Project Overview

McMahon Services was commissioned to demolish and remove above ground storage tanks and asbestos clad buildings at a mothballed Terminal site, located in Sydney, New South Wales. Petroleum products had been stored at the Terminal site before it was decommissioned in 2012. McMahon Services were contracted for the demolition work, which entailed the removal of asbestos, redundant electrical services and demolition of a number of structures including above ground storage tanks and buildings.

The scope of works included:

McMahon Services

Head Office

T (08) 8203 3100 F (08) 8260 5210

E adelaide@mcmservices.com.au

W mcmservices.com.au



- › Acquisition of all necessary licences and consents;
- › Services abolishment;
- › Sediment and erosion control;
- › Removal and disposal of all hazardous waste from buildings prior to demolition;
- › Demolition to ground slab level of eight buildings;
- › Demolition and removal of 33 above ground tanks (ASTs) and above ground pipework;
- › Disposal off site of building rubble, general rubbish and concrete rubble;

All works included the provision of all supervision, labour, plant and equipment to carry out asbestos removal and demolition of the former Terminal. All works were carried out in strict accordance with the client's demolition guidelines and management system requirements. Detailed Work Method Statements and Critical Crane Lift Plans were developed and presented for approval prior to the commencement of works.

Before the building demolition, extensive asbestos removal works were undertaken including removal and disposal of 6000 square metres of asbestos cement roof sheeting.

The demolition of 33 above-ground storage tanks resulted in the processing of approximately 2,000 tonnes of scrap steel. A specific demolition sequence had to be developed to accommodate both conical and floating roofs of these tanks.

The mechanical demolition of the tanks was undertaken by Komatsu PC1250 and PC450 excavators featuring a Bis-Alloy Cutting Tyne. A Komatsu PC450 excavator, fitted with a mechanical grapple, was used to process tank scrap steel.

