

# Asbestos Removal



<b>Client</b>	Magnox Ltd
<b>Project</b>	Asbestos Removal
<b>Location</b>	Turbine Hall - Sizewell A
<b>Size of Contract</b>	Term Contract
<b>Duration</b>	16 Months
<b>Outcomes</b>	<ul style="list-style-type: none"> <li>• Outcomes are in total, over 300 tonnes of asbestos containing materials were safely removed to schedule.</li> <li>• All asbestos regulations complied with.</li> </ul>

## ALTRAD SERVICES' SOLUTION

After a competitive tendering process Altrad Services were awarded the multi million pound contract. The tight schedule was agreed to run March 2014 to May 2015.

This challenging project required 17 negative pressure enclosures to be erected to contain all pipe work, vessels, drums, turbines and major equipment and all asbestos containing materials to be removed under strict asbestos regulations.

In total, over 300 tonnes of asbestos containing materials were safely removed from the site via 85 skips utilising circa 40,000 litres of surfactant injection fluid and water. Process equipment included:-

- 2 turbine sets
- 4 boiler feed water pumps and associated feed water pipe work
- 6 reserve feed water tanks
- 2 deaerators and associated pipe work
- 4 Re Heater vessels

## PROJECT OVERVIEW

As part of the Magnox Deplanting, Demolition and Asbestos Removal Framework Altrad Services were invited along with a number of other companies to visit site to consider the challenge of removing all ACM's within the Sizewell "A" Station turbine hall.

## THE CHALLENGE

Through collaboration with Magnox site representatives a large percentage of the small bore pipe work and associated support steel which was asbestos clad was removed via the cut and wrap method which provided a number of benefits:-

1. Minimum disturbance to the ACM's which resulted in less risk of exposure
2. Removal of redundant pipe work and miscellaneous metal which ultimately minimise the burden for future deplanting works on site.
3. Removal of these items provided easier enclosure erection and clearer access/egress to other more significant items of plant for asbestos removal activities to be performed

## ABOUT ALTRAD SERVICES

Altrad Services is an international leader in the provision of critical industrial services principally to the energy and natural resources sectors.

Our multi-disciplinary service offering includes access systems, insulation, specialist coatings, passive fire protection, refractory linings, environmental services, oil and gas storage tanks and heat exchanger replacement and refurbishment.