



CASE STUDY

ELEMENTIS CHROMIUM LLP

SITE CLEARANCE

Thompsons were contracted as Principal Contractor to carry out the asbestos decontamination, removal, demolition, dismantling and site clearance at Elementis Chromium's Eaglescliffe facility. The site contained various process plant structures, warehouses, offices, associated electricity sub-station, switch rooms, extensive pipework, cables, pipebridges, plant and equipment.

Of particular complexity was the decontamination and dismantling of chemical process plants that had been used for the production of chromium based products. It had not been possible for the client to fully decontaminate prior to demolition. Thompsons therefore had to include for, and manage, the presence of residual product in all process equipment, and in particular deal with the highly-hazardous hexavalent chromium residues and contamination present throughout the majority of all structural and process plant.



DEMOLITION SPECIALIST OF THE YEAR 2014 WINNER



Project:
**Elementis Chromium,
Eaglescliffe**

Client:
**Elementis Chromium
LLP**

Contract Administrator:
Trevor Cail RVA Group
trevor.cail@rvagroup.org

Project Value:
£6 Million

Duration & Year
61 weeks : 2011/12

Key Aspects:
Hazardous Chemicals
Asbestos Removal
Contamination Washing
High Reach
Permit to Work

THOMPSONS
OF PRUDHOE

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A segregated wash bay system was implemented in various locations on site throughout the project to ensure all contaminated scrap/vessels were washed prior to disposal or off- site recycling.

Thompsons were responsible for the collection of suspended solids and wash water, ensuring they were all sent to the Client's separate treatment and disposal facility.

The Elementis site production facility had a significant quantity and full array of asbestos containing materials, including those that are licensable; asbestos materials were found right across the site within the building and structures, on pipework and equipment throughout the plant structures.

The site was divided into separate areas and several teams were deployed simultaneously across the site, under the supervision of the Site Manager. Thompsons deployed a vast array of their specialist plant fleet including high-reach machines, MEWPs, processing and crushing plant across the site, and whilst there was considerable amount of hot works, they were all dealt with by strictly-controlled Hot Works Permits issued by the Client's CDMC.

Due to the complexity of the project and all parties' determination to complete the project on time and without any accidents or incidents, a full-time Health & Safety Officer was seconded from the Prudhoe Head Office to support the on-site demolition and asbestos teams and to provide permanent liaison between the Client's Site staff, CDMC and Thompson Management.

All works were completed on time in line with ISO 14001:2006 environmental, ISO 9001:2008 quality, and BS 6187:2011 demolition standards.

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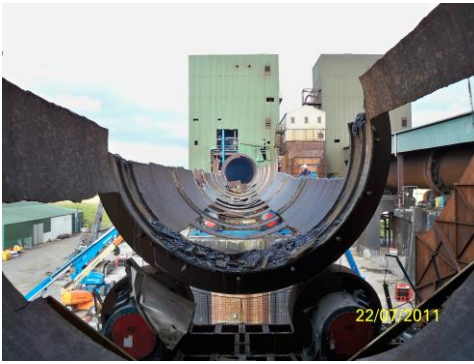
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