



CASE STUDY

CUMENE PLANT, NORTH TEES

Thompsons were appointed Principal Contractor by SABIC UK to carry out the demolition, dismantling and site clearance of SABIC Cumene production plant, within SABIC UK's North Tees site. There were a number of neighbours within the site, including Petroplus / Greenergy, BOC and other SABIC plants that operated high hazard, top tier COMAH sites. The North Tees site is classified as a 'de-match' area, with strict control of all sources of ignition existing on the site.

The low-level plant and structures were demolished via cold cut remote means (demolition spec 360° excavator machines) following selected pre-weakening using cold cut hand demolition methods. The Cumene Plant high level columns, one weighing 91 tonnes, were each lifted to ground level via mobile crane, with two heavy cranes working in tandem to remove each column to ground level for later processing.



DEMOLITION SPECIALIST OF THE YEAR 2014 WINNER



Project:
Cumene Plant, North Tees Site

Client:
SABIC UK

Contract Administrator:
RVA Consulting Engineers

Project Value:
£485K

Duration & Year
3 Months - 2013

Key Aspects:
Asbestos Removal
High Reach
Height Work
Super Heavy Craneage

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