



CASE STUDY

ASBESTOS REMOVAL, DEMOLITION, DISMANTLING & SITE CLEARANCE – GSK ULVERSTON

Thompsons were appointed as Principal Contractor by GlaxoSmithKline, working under ABB Ltd as CDMC, to undertake asbestos removal and dismantling works at GSK's pharmaceutical manufacturing facility at Ulverston.

The project was delivered in two contract phases and covered:

- Asbestos removal of pipe bridges – Phase 1 - £125k
- Various dismantling, decommissioning and removal works – Phase 2 - £599k

The GSK facility remained live and operational throughout.



DEMOLITION SPECIALIST OF THE YEAR 2014 WINNER



Project:
**Asbestos Removal &
Dismantling – GSK**

Client:
GlaxoSmithKline

Contract Administrator:
**Chris Donnelly -
ABB Ltd**
chris.donnelly@gb.abb.com

Project Value:
£125,000 & £599,000

Duration & Year
26 weeks - 2014
26 weeks - 2014

Key Aspects:
Asbestos Removal
Height Work
Asset Salvage
Live Plant & Services

THOMPSONS
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Thompsons undertook the following works: Asbestos removal and dismantling of pipe bridges; dismantling of process systems at the boundary of the works to ensure there was no impact on surrounding plant; redundant chillier plant within building B14S; total demolition of buildings 5B & 5C and tank farm area to the north of building 5B; demolition of Gantry 'A' running along the site Main Road from stanchion 7 up to stanchion 15, with 15 staying intact; demolition of Gantry 'E' Running from west to east from Gantry 'A' up to building 5B; dismantling of pipe support gantry in-between stanchion 7 & 8 crossing the main road; sections of Gantry 'F' and Gantry 'E' which crossed the main road; sections of Gantry 'E' crossing road 5 to Gantry 'F'.

Various demolition and dismantling techniques were used throughout the project with a combination of different types of demolition plant used. The most challenging part of the project was the demolition and clearance of Building 5B, a steel framed structure which stepped from 2 storey to 3 storey in height, with its three storey annex located at the East of the building. The building was clad in steel sheeting. The structure contained various low-level plant and equipment. The Annex section of the building contained plant/equipment which was specified to be salvaged by Thompsons. Equipment for salvage was lifted out using a 55 tonne crane.

A combination of a Hitachi 670 (60te) demolition spec 3600 excavator machine (equipped with a heavy shear attachment) and a Liebherr 906 (20te) demolition spec 3600 excavator machine (equipped with a choice of rotating grab and shear attachments) were used in the demolition of this building. Operatives also assisted where required, using hand tools to trim selected portions of the structure.

Project:
**Asbestos Removal
& Dismantling –
GSK**

Client:
GlaxoSmithKline

Project Value:
£725,000 Total

Duration & Year
26 weeks - 2014
26 weeks - 2014

Key Aspects:
Asbestos Removal
Height Work
Asset Salvage
Live Plant & Services

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