

CASE STUDY OUTOKUMPU

Project: Demolition of Outokumpu Steel Works
Client: Outokumpu
Date: January - August 2010

The End Of An Era!

The Outokumpu Steel Works, surrounded by picturesque landscapes in the Don Valley area of Sheffield where steel making began in the 1840s by Samuel Fox, is no longer since Specialist Demolition Contractor, Ron Hull Demolition Ltd of Rotherham was awarded the Contract to clear the site.

Using a combination of Mechanical Excavators with Shear, Grapple and Magnet attachments, some 3000 tonnes of demolition material was recycled at Ron Hull Group's extensive Waste Management premises at Mangham Road, Rotherham.

In addition, a Mobile Crusher was used on-site to process concrete and brick to fill in voids and depressions to ensure an acceptable site finish for the Client.

A number of site difficulties were overcome comprising above ground services, including a high-pressure gas main, 11KVA cables and a fire hydrant, all of which the adjacent working Corus Plant relies on. In addition, the River "Little Don" and a larger sewer are culverted through the centre of the site, which required special attention.

Demolition work also included Asbestos Removal by the Company's Specialist Asbestos Team, but the most spectacular part of the demolition was the removal of the 33 metre high Annealing Furnace Tower. At one point demolition by explosives charges was considered, but because of the proximity of a railway line, live sewers and buildings not scheduled for demolition, a High Reach Excavator was used instead.

The Project was completed without accident or incident, and in record time.

