

## CASE STUDY . ROSSINGTON COAL WASHING PLANT - 2015

**PROJECT:** *Demolish & Decommission an 800 ton per hour coal washing plant*

**LOCATION:** *Rossington Coal Washing Plant, Nr. Doncaster*

**CLIENT:** *Recycoal*

**CONTRACT DURATION:** *5 months*



As a result of declining coal prices, too came the closure of an 800 tonne per hour coal washing and recovery plant in Rossington. Euro Demolition & Dismantling were appointed to decommission and dismantle all industrial buildings and associated plant at the site.

Built in 2012, the facility was a fully operational coal washing plant containing two identical processing lines fitted out with the latest electrical innovations and controls, with equipment comprising of panzer chain feeders, MMD sizers, cyclones, conveyors, screen decks, picking stations, fines separation, Metso and Warman slurry pumps, thickeners, press plant and associated discharge conveyors. Due to the location of the site, extra care was required to reduce noise, potential dust and traffic movements to and from site, as the works would be carried out within close proximity to urbanised areas. These were reflected in our RAMS submission to the client.

All services were isolated, followed by the decommissioning and salvage of plant and recoverables. All building structures were dismantled down to ground level to ensure safe waste segregation and sizing duties. Waste and steel materials were then loaded to transport for onward supply to our accredited recycling partners. A number of assets were fully appraised, de-planted and removed from site under controlled conditions and prepared for onward resale.

All concrete structures above ground level were broken out with the use of a 21 tonne demolition excavator, equipped with hydraulic hammer. Broken out concrete was then sized by an excavator mounted concrete muncher. The sized concrete was used to back-fill any void space left by the removal of steel structures. The site was left in a level, clean and presentable state, ready for handover to the client.

### Head Office

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