

CASE STUDY

Site: Lower Eccleshill - Darwen

Client: Sita / Askam Civil Engineering



Hancock Group were awarded this prestigious demolition contract by waste management company Sita and Askam Civil Engineering.

The works involved the demolition and site clearance of the 22 acre site, formally, Wolstenhome Bronze Powders , which had been purchased by Sita for redevelopment into a state of the art Materials Recycling Facility (MRF)



Hancock group mobilised all our own plant and equipment using our own low loaders and transport. Plant included Excavators from 13 – 42 tonne; these were fitted with a range of attachments including buckets, steel shears and concrete munchers. Loading shovels and dumpers.

From a very early stage it was realised that Bronze powder contamination was far more extensive than was first envisaged when surveyed. Hancock Group operatives used type H vacuum cleaners to clear the contamination from within the buildings. These were then flushed with high pressure washers and the water collected for safe and proper disposal. To add to the contamination problems Explosive Aluminium Powder was present within one of the buildings.

After consultation with all parties involved a suitable method statement and risk assessment was drawn up, the dangerous powders removed and disposed of safely.



Some of the roof coverings contained asbestos cement sheets. These were removed and disposed of prior to structural demolition of the buildings

Using a variety of excavator attachments all waste streams were separated on site to maximise recycling opportunities. Some 6,000 tonnes of hardcore was taken for use as recycled aggregates, with 3000 tonne being returned to the client for use on their own landfill sites.

Over 600 tonnes of metals were separated on site along with 36 tonnes of wood and 3 tonnes of plastics all of which were 100% recycled

26 tonnes of general waste was taken to Hancocks own licensed recycling facility where approx 89% of all waste taken in is processed and recycled



Hancock group used our own roll on roll off skips and tippers for all materials off site, with the exception of the steel. This was processed to 5ft lengths and loaded into articulated bulkers for direct transport to the metal recyclers.

The site was left with all building down to ground level. Sita had chosen to retain 2 small industrial units and around 1300 square ft of office space on the site, so all roadways and demolition areas were swept and left in a clean and tidy, safe condition.

