

Machinery & Heavy Plant Removal



Client – Elando Designs Ltd, Arlington House, London Project – Tanks, M&E Plant Dismantling and Removal

Arlington House consists of luxury apartment's situation behind the Ritz Hotel, under new building regulations within this area of London; roof top plant must not be visible from adjacent buildings. KpH were therefore instructed to remove two very large Braithwaite 9 metre x 4 metre roof top water tanks, situated below a heavily engineered concrete slab roof, which also required removal.

The scope of works included:

Roof Top Works

- Dismantling and removal of two large Braithwaite sectional cold water tanks
- Removal of an expansion tank
- Removal of the "Pot and Block" concrete roof slab over the tanks, to add to its complexity the slab was heavily reinforced with steel beams. The roof slab was removed by piece mill using specialist hand held hydraulic crushers and breakers
- Removal of all roof top concrete and tank sections was via an external six storey scaffold/hoist

Boiler Room

- Strip out and removal of existing HWS calorifier
- Strip out and removal of existing HWS primary heating pumps, under floor heating pumps, HWS secondary pumps and all associated pipework
- Breaking out and removal of HWS calorifier and primary pump concrete bases

The clear roof top area was handed back to the client, in readiness for the building of a new enclosure to house the new roof top air conditioning and associated plant.