



Machinery & Heavy Plant Removal

KpH Environmental offers the expertise and specialist skills needed to dismantle, decommission, remove and dispose of heavy plant/machinery or mechanical and electrical plant/equipment.

From a single machine, to the entire contents of a manufacturing facility, KpH ensures that work of this nature - including managing waste and recycling - is carried out in a careful and environmentally sensitive manner, ensuring minimum disruption to surrounding buildings and installations.

For difficult or restricted situations, KpH offers specialist lifting services, employing hydraulic ram gantry lifting

techniques, which can be used where crane access is not an option. Once a plant room has been dismantled and cleared, KpH can provide transportation and the positioning of new machinery and plant.

KpH's experienced teams carry out these exacting works following an initial full site risk assessment and the implementation of a detailed site specific method statement.





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Machinery & Heavy Plant Dismantling and Removal Services:

- Heavy plant and machinery dismantling and removal
- Manufacturing plant and machinery dismantling and removal
- M&E plant and equipment dismantling and removal
- Fuel/chemical tank cleaning and removal
- Commercial boiler dismantling and flue removal
- Generator dismantling and removal
- Calorifier and water tank dismantling and removal
- Heating and ventilation dismantling and removal
- Contaminated ventilation and ductwork removal
- Chiller dismantling and removal
- Gantry dismantling and removal
- Transformer removal
- Removal and disposal of plinths
- Isolation and decommissioning of services
- Specialist hot and cold cutting techniques
- General soft strip of building interiors
- Uplift, transportation and handling of heavy equipment
- Repositioning of plant and machinery
- Scrap metal removal and waste management
- Crane hire and contract lifts
- Asbestos surveying, reporting, removal and disposal

Case study.1

Client: Bovis Lend Lease
Project: M&E dismantling, strip out and enabling works, Hertfordshire

KpH provided extensive strip out of mechanical and electrical equipment/plant from two buildings on behalf of Bovis Lend Lease (BLL). The project was particularly challenging as the fume extraction equipment and ducting were heavily contaminated, requiring analysis prior to removal and disposal under controlled conditions.

BLL was highly complimentary of the standard of KpH's work, which resulted in KpH being featured in the main contractors' H&S 'Best Practice' report.

The scope of works included:

- Strip out and dismantling of plant as per BLL instruction
- Strip out and removal of AHUs, pipe work and ducting from within two buildings
- Dismantling and removal of a sectional water storage tank
- Dismantling and removal of extensive roof top plant
- Removal and disposal of contaminated materials under controlled conditions
- Break out and removal of concrete plinths
- Dismantling and removal of riser pipe work
- Capping-off various services throughout the two buildings
- Removal of fire dampers
- An extensive closure report was provided to meet BLL detailed criteria

Case study.2

Client: Savoy Hotel
Project: Heavy plant removal

This prestigious project saw KpH remove four, 30-tonne standby generators and four 60-tonne boilers from the basement of London's showcase Savoy Hotel. The generators and boilers were dismantled by hand into sections weighing between one to three tonnes and removed from the basement area via a hoist and beam system, which was installed, tested and certificated for purpose.

Works were hampered by the confined space environment and the restricted access in to the building. Following the safe removal of this heavy plant, the basements were jet washed clean with an environmentally safe cleansing detergent. These works allowed the valuable space in the basement areas, to be refurbished to suit the future requirements of the hotel.