



Storage Tank Cleaning & Removal

KpH Environmental are experts in purging/cleaning, decommissioning and the safe removal of all types of fuel and chemical storage tanks, whatever the shape, size, above or below ground location.

KpH's professional and highly experienced team will provide a solution to meet the requirements of any situation and/or client, safely removing a wide variety of tank contents, including hydro-carbons, flammables, chemicals and acids.

Tank cleaning and removal potentially carries a high risk of pollution or even explosion. KpH undertakes full site risk analysis on every contract and provides detailed, site specific Risk Assessments and Method Statements.

From small industrial tanks to multi-million litre, bulk fuel or chemical storage installations, KpH can decommission or remove in a safe and environmentally sound manner.

All works comply with the Institute of Petroleum Code of Safe Practice, MoD – SRP 03 Procedures, MoD JSP 375, Health & Safety Executive (HSE) guidelines and Environment Agency Policies, giving customers the knowledge that best industry practices and methodologies are used, every time.





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Fuel & Chemical Storage Tank Services

- Vessel cleaning, removal and decommissioning
- Excavation, uplift and removal of underground tanks
- Demolition of bunds, fuel structures and bulk fuel installations
- Basement/confined space tank removal
- Silo dismantling and removal
- Water tank removal
- Cleaning, capping and removal of pumps, pipe work, plinths and associated services
- Tank decommissioning by concrete slurry infilling
- Supply of specialist hard foams to inert tanks in-situ
- Temporary fuel/chemical tank supply
- Product/fuel uplift, transfer and disposal
- Specialised hot and cold cutting techniques
- Monitoring of LEL levels
- Gas free certification
- Tank and fuel line purging
- Decommissioning certification
- Hydro-static/pressure tank and fuel line testing and reporting
- Ultra-sonic thickness inspection and reporting
- Environmental and contamination assessments and reporting
- Land remediation and cleaning services
- Hazardous waste disposal
- Oil spill response and clean up

Forecourt and Service Station Services

- Demolition and clearance of forecourts, garages and service stations
- Dismantling of shops/kiosks, canopies and car wash systems
- Excavation and removal of underground tanks and cradles
- Cleaning and removal of interceptors and drain systems
- Breaking up and removal of forecourt hard standing areas
- Demolition/dismantling of industrial units
- Diamond drilling and floor sawing
- Concrete and tarmac ground reinstatement
- Product/fuel uplift, transfer and disposal
- Making safe tanks by nitro-foam insertion or water filling
- Mobile oil water separator for low cost water disposal
- Disconnection and capping off site services
- Erection of site hoardings and security fencing
- Hydrostatic/pressure tank and fuel line testing and reporting
- Environmental assessments and contamination reporting
- Land remediation and cleaning services
- Contaminated soil disposal
- Asbestos surveying, reporting, removal and disposal

Case Study

Client - Selfridges London

Project - Forecourt decommissioning

Following many years of trading, the forecourt to the rear of Selfridges closed down due to being uneconomically viable. The client, Selfridges Department Store, required the forecourt decommissioning and the underground fuel storage tanks to be removed.

Works were carried out adjacent to busy London streets, so health and safety was of paramount importance.

The scope of works included:

- Removal of the forecourt canopy by hand due to the restricted working area
- Cleaning and degassing of the vessels, making them safe to commence their removal from the concrete tank room within the basement car park
- Installation of a specifically designed crash deck in the basement, which reduced the noise from falling materials, while providing a safe working platform for operatives
- An engineered steel beam propping system was installed to provide structural support to the road way and property
- A 13-tonne excavator was lowered into the basement to breakout the concrete tank surrounds