

# Storage Tank Cleaning & Removal



## Client – Berkshire N H S, Wexham Park Hospital, Slough Project – Tank Removal Containing Heavy Heating Oil

KpH were contracted to clean and remove three large 20,000 litre fuel storage tanks containing heavy black oil. Heavy black oil is used as a boiler fuel and many redundant tanks like these remain in tank rooms containing unused solid black oil. Their decommissioning is normally very complex as the electrical supply to the heating elements is disconnected and isolated. The heat is used to reduce the consistency of the oil to allow free flow to the boilers via pumps.

### The scope of works included:

- The introduction of kerosene into the tanks to breakdown the solid heavy oil
- Removal of the kerosene and black oil via vacuum tanker for recycling and re-use
- Hot steam clean and degas 3 nr 20,000 litre heavy oil storage tanks
- Issue gas free certification on completion and fragment tanks by hot cutting techniques
- Chemically/steam clean the entire oil storage compound floor, wall, ceiling and all other surface from any residual oil
- Removal of the concrete tank support pillars back to floor slab level
- Removal of all contaminated timber pallets used for a walking platform
- Strip out and removal of all old pipework services
- Strip out and removal of all redundant loose cabling
- Removal of tanks bund and concrete stairs used to provide oil spill containment
- Provide hydrocarbon test analysis from tank support bases
- Clear heavy black oil and contaminants from below tanks bases, load into skips and dispose of following test results, to a licensed waste disposal facility
- Leave site neat clean and tidy

*Projects where tanks have previously contained heavy black oil are complex, potentially very messy and dirty, requiring good procedures and work practises to be put in place. Following works the cleaning of tools and equipment is extensive. The removal of these tanks has released a large area back to the hospital, for important future use.*