

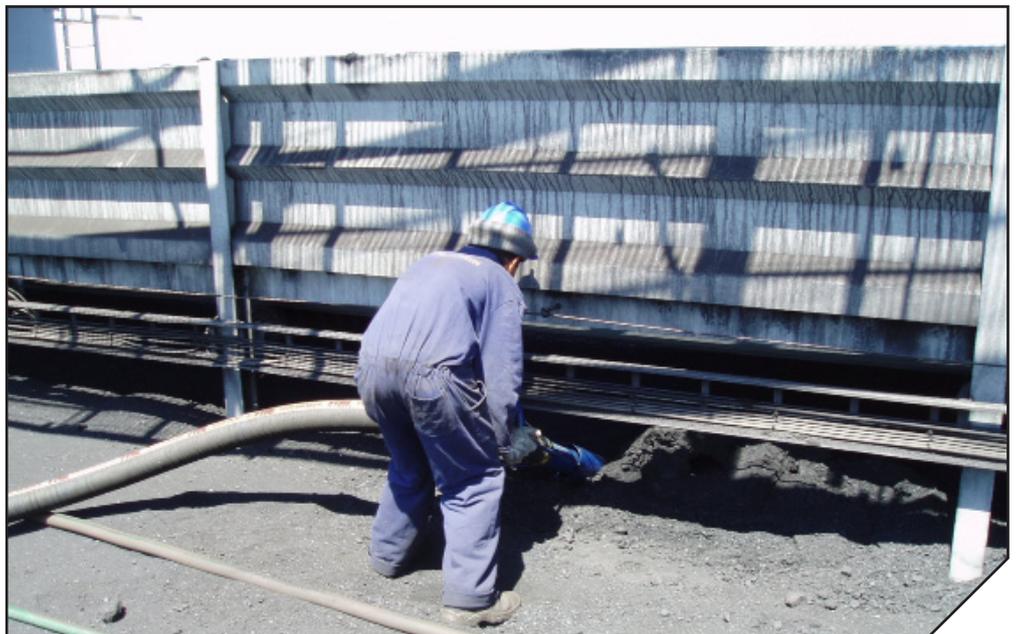


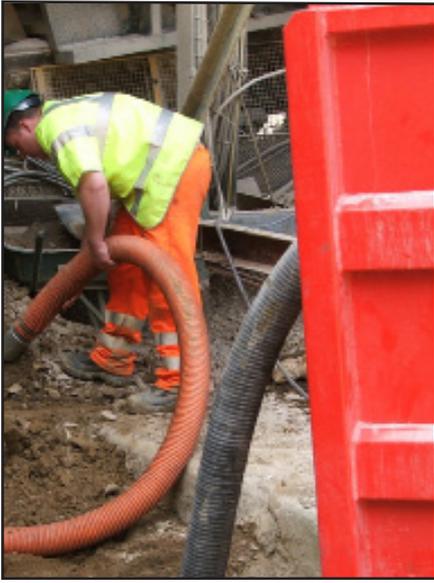
POWER AND INCINERATION PLANTS: CLEANING, TRANSPORT AND RECOVERY

A DISAB unit means spillage handling solutions that are economical, efficient and environmentally-friendly. DISAB vacuum technology reduces downtime caused by plant breakdown or interruption of the production process, enabling speedy repairs and minimal downtime.

Some type of projects in within power plants and power distribution

- Cleaning 'dead spaces' within boiler areas for maintenance and inspection
- Dry removal of fly ash from the penthouse, inlet and outlet ducts of precipitators or bag houses
- Recovery of wet or dry coal spills in receiving, handling and process of coal
- Removal of 'blow sand' in desert substations
- Dry removal of fly ash from hoppers, louvres and stacks
- and many more





CASE

A typical project in an energy plant

Dundee Energy Recycling Ltd (DERL) is the first energy-from-waste company in Scotland to use innovative combustion technology to process solid waste from homes and offices. The company operates two 17.4 MW bubbling fluidized bed boilers which convert solid waste into electricity. Part of the process involves silica sand being heated to extremely high temperatures within the furnace beds.

Keeping the boiler in peak condition

“Keeping DERL’s thermal technology in peak condition is an ongoing task,” explains John Callaghan, the Plant Support Manager. “Besides regular cleaning and housekeeping activities, there’s the requirement for statutory outages to enable detailed inspections, repairs and modifications. This work includes giving the fluidized bed boiler a deep clean and with just two weeks to do all the work, using time as efficiently as possible is of the essence.”



“We initially hired one CompVac to help us extract the sand, but soon found we could use it on a lot of housekeeping and maintenance activities. In fact, we realized with just two weeks to do everything we needed, hiring another CompVac would help us save even more time and allow us to deploy our limited resources more efficiently.”

“The CompVac is particularly effective at removing the sand and ash from the boiler, even when it’s still quite hot. With its specialized nozzle extensions it’s much faster, saving us valuable time which we can

