

## FLUE GAS ABATEMENT

To ensure compliance with the EU Waste Incineration Directive 76/2000, the exhaust gases will pass through the dry gas abatement plant.

This will comprise of a bag or ceramic filter house and a reagent storage/feed system.

Gases exiting the energy recovery plant will be injected with lime or sodium bicarbonate and activated carbon which is stored in bulk containers or silos adjacent to the gas cleaning system.

Within the gas stream the lime/sodium bicarbonate will react to neutralise the acid components such as sulphur dioxide and hydrogen chloride within the gas stream and the carbon will adsorb the heavy metals and any dioxins.

Dust from the combustion process and spent powdered lime/sodium bicarbonate and carbon will be collected on the abatement plants filters.

Periodically this residue will be released from the filters by compressed air, allowing it to be transported into a sealed container for disposal.

