



REDUCTION OF ACIDIC POLLUTANTS

DRY SORPTION / MAXSORP

Together with partners we specialize in providing customized solutions for each individual application case to ensure the best ratio between investment and operating costs.

Reduction of acidic pollutants (HF, HCL, SOx) using additives based on Ca (calcium) or Na (sodium), including in:

- Conventional one-step dry sorption (with a low or no recirculation rate)
- Conditioned dry sorption (with a high recirculation rate) – MaxSORP

Minimizing PCDD/F (dioxins and furans), Hg (mercury) and Hg compounds using

- Activated carbon
- HOK (hearth-furnace coke)
- Brominated and/or enhanced carbons

Crucial factors when selecting the appropriate procedure and sorbents are:

- Process and flue gas parameters such as temperature, moisture and pollutant concentrations
- Current and potential future separation output
- Sorbent costs
- Ash and waste material disposal costs
- Upstream equipment (such as pre-separators) and downstream equipment (such as SCR plants)
- Space requirements
- Other factors

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TECHNOLOGY FOR CLEAN AIR



SYSTEM CONSISTS OF

Pre-separator
Additive silo(s)
Additive dosing with injection lances
Fabric filter
Optional recirculation unit
Residual material silo(s)



TREATED POLLUTANTS

Acidic pollutants (HF, Hg, SOx)
Dioxins and furans (PCDD/F)
Mercury (Hg) and its compounds



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