

Industrial Applications



Paper And Pulp Industry

H₂S - Lime kiln and evaporator
TVOC - Chemical pulping, bleaching and evaporator
CO₂ - Fuel combustion, lime kiln
CH₃SH - Digester, black liquor storage, recovery boiler



Leather Industry

H₂S & NH₃ - Beamhouse, unhairing and liming process
TVOC - Finishing operations - drying
PM - Storage and handling of powdered chemicals
Cl₂ - Pickling process



Cement Industry

CO - Kilns in clinker process
NO₂ - Rotary kiln and vertical shaft kiln, clinker
CO₂ - Limestone decarbonization and fuel combustion
PM - Packaging and ash handling system



Food And Beverages Industry

Cl₂ - In various disinfecting activities
NH₃ - Refrigeration and cooling systems
CO₂ - Carbonation and fermentation processes



Wastewater Treatment Plants

CH₄ & CH₃SH - Sludge storage and anaerobic digestion
Cl₂ - Chlorination before outlet discharge



Dairy Industry

NH₃ - Manure storage and application
CH₄ - Manure in housing and enteric fermentation



Textile Industry

NO - Sizing process
TVOC - High temperature ovens - drying and coating
Cl₂ - Bleaching process
PM - Cotton handling process and boiler



Fisheries Industry

H₂S - Bacteriological and enzymatic decay
NO - Cooking and drying - fishmeal industry
TVOC - Direct and indirect fried dryers
NH₃ - Fish rotting



Thermal Power Plants

CO - Fuel combustion in boiler
NO - Natural gas/oil/coal based fuel combustion
CO₂ - Boiler fuel combustion
PM - Ash extraction plant



Mining Industry

SO₂ & NO₂ - Extraction including blasting & crushing
CH₄ - Material destruction and natural disintegration
PM - Drilling, blasting and transportation



Meat Processing Plants

H₂S - Storage and ETP
CH₄ & CH₃SH - By product, storage & ETP



All Industries

Noise - In every operation including rotary mechanical components

**This is an indicative list.
Speak to our representative for your exact requirement.*