AQBot 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



Textile Industry

NO - Sizing process

TVOC - High temperature ovens - drying and coating

Cl₂ - Bleaching process

PM - Cotton handling process and boiler



Leather Industry

 H_2S & NH_3 - Beamhouse, unhairing and liming process

TVOC - Finishing operations - drying

PM - Storage and handling of powdered chemicals

Cl₂ - Pickling process



Fisheries Industry

 H_2S - Bacteriological and enzymatic decay

NO - Cooking and drying - fishmeal industry

TVOC - Direct and indirect fried dryers

NH₃ - Fish rotting



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



Thermal Power Plants

CO - Fuel combustion in boiler

NO - Natural gas/oil/coal based fuel combustion

CO₂ - Boiler fuel combustion

PM - Ash extraction plant



Food & Beverages Industry

Cl₂ - In various disinfecting activities

NH₃ - Refrigeration and cooling systems

CO₂ - Carbonation and fermentation processes



Mining Industry

SO₂ & NO₂ - Extraction including blasting & crushing

CH₄ - Material destruction and natural disintegration

PM - Drilling, blasting and transportation



Wastewater Treatment Plants

 $\mathrm{CH_4}$ & $\mathrm{CH_3SH}$ - Sludge storage and anaerobic digestion

Cl₂ - Chlorination before outlet discharge



Meat Processing Plants

H₂S - Storage & ETP

CH₄ & CH₃SH - By product, storage & ETP



Dairy Industry

NH₃ - Manure storage and application

CH₄ - Manure in housing and enteric fermentation



All Industries

Noise - In every operation including rotary mechanical components

*This is an indicative list.

Speak to our representative for your exact requirement.

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