AQBot Applications

OIZOM
REDEFINING RESOURCES

Paper and Pulp Industry

H_2S - Lime kiln and evaporator
TVOC - Chemical pulping, bleaching and evaporator
CO_2 - Fuel combustion, lime kiln
CH_3SH - Digester, black liquor storage, recovery boiler

Textile Industry

NO - Sizing process
TVOC - High temperature ovens - drying and coating
Cl_2 - 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
Cl_2 - Pickling process

Fisheries Industry

H_2S - Bacteriological and enzymatic decay
NO - Cooking and drying - fishmeal industry
TVOC - Direct and indirect fried dryers
NH_3 - Fish rotting

Cement Industry

CO - Kilns in clinker process
NO_2 - Rotary kiln and vertical shaft kiln, clinker
CO_2 - 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
CO_2 - Boiler fuel combustion
PM - Ash extraction plant

Food & Beverages Industry

Cl_2 - In various disinfecting activities
NH_3 - Refrigeration and cooling systems
CO_2 - Carbonation and fermentation processes

Mining Industry

SO_2 & NO_2 - Extraction including blasting & crushing
CH_4 - Material destruction and natural disintegration
PM - Drilling, blasting and transportation

Wastewater Treatment Plants

CH_4 & CH_3SH - Sludge storage and anaerobic digestion
Cl_2 - Chlorination before outlet discharge

Meat Processing Plants

H_2S - Storage & ETP
CH_4 & CH_3SH - By product, storage & ETP

Dairy Industry

NH_3 - Manure storage and application
CH_4 - 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.