

# Industrial Applications



## Paper And Pulp Industry

**H<sub>2</sub>S** - Lime kiln and evaporator  
**TVOC** - Chemical pulping, bleaching and evaporator  
**CO<sub>2</sub>** - Fuel combustion, lime kiln  
**CH<sub>3</sub>SH** - Digester, black liquor storage, recovery boiler



## Leather Industry

**H<sub>2</sub>S & NH<sub>3</sub>** - Beamhouse, unhairing and liming process  
**TVOC** - Finishing operations - drying  
**PM** - Storage and handling of powdered chemicals  
**Cl<sub>2</sub>** - Pickling process



## Chemical Reaction

**TVOC** - Storage Tanks & Solvent Use process  
**NO<sub>x</sub>** - Combustion Processes & Nitric Acid Production  
**SO<sub>2</sub>** - Combustion of Sulfur-Containing Fuels & Sulfuric, Acid Production, Sulphonation  
**PM** - Handling of Raw Materials



## Food And Beverages Industry

**Cl<sub>2</sub>** - In various disinfecting activities  
**NH<sub>3</sub>** - Refrigeration and cooling systems  
**CO<sub>2</sub>** - Carbonation and fermentation processes



## Wastewater Treatment Plants

**CH<sub>4</sub> & CH<sub>3</sub>SH** - Sludge storage and anaerobic digestion  
**Cl<sub>2</sub>** - Chlorination before outlet discharge



## Dairy Industry

**NH<sub>3</sub>** - Manure storage and application  
**CH<sub>4</sub>** - Manure in housing and enteric fermentation



## Textile Industry

**NO** - Sizing process  
**TVOC** - High temperature ovens - drying and coating  
**Cl<sub>2</sub>** - Bleaching process  
**PM** - Cotton handling process and boiler



## Fisheries Industry

**H<sub>2</sub>S** - Bacteriological and enzymatic decay  
**NO** - Cooking and drying - fishmeal industry  
**TVOC** - Direct and indirect fried dryers  
**NH<sub>3</sub>** - Fish rotting



## Thermal Power Plants

**CO** - Fuel combustion in boiler  
**NO** - Natural gas/oil/coal based fuel combustion  
**CO<sub>2</sub>** - Boiler fuel combustion  
**PM** - Ash extraction plant



## Steel plant

**PM** - Basic Oxygen Furnace and Blast furnace  
**NO<sub>x</sub> & CO** - Blast Furnace  
**SO<sub>2</sub>** - Coke Ovens & Sinter Plant Crushing plant



## Meat Processing Plants

**H<sub>2</sub>S** - Storage and ETP  
**CH<sub>4</sub> & CH<sub>3</sub>SH** - 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.*