CHARTECH SOLUTIONS

AN EXPERIENCED LEADER IN INDUSTRIAL CLEAN AIR, WATER, SOILS AND ENERGY TECHNOLOGY

HYDROGEN SULFIDE STOPS HERE

System REITHER™ This exclusive licensed and patented scrubber design offers a small footprint, high efficiency, high reliability, and an adjustable throat to accommodate varying gas flow loading.

System REITHER™ is both more compact and more efficient than conventional venturi scrubbers. Removal efficiencies of ***greater than 99%*** are achievable for particulate less than 3 µm in diameter.

System REITHER™ is also effective and efficient for acid mists and aerosols.

Featuring a simple and compact design, **System REITHER™** is easy to control and maintain, providing a reliable, cost effective H_2S solution for landfill gas, biogas and other manufacturing operations.

REITHER™ Process Installation

AIR POLLUTION CONTROL SYSTEMS

Patented Venturi Scrubbers ▪ Tray Scrubbers ▪ Packed Absorption Towers ▪ Cyclones ▪ Demisters

Our emission control products and systems handle toxic, hazardous, dusty and mixed gas streams including:

- Acid mists; such as H_2S, HCl, H_2SO_4, SO_3,
- Fine dusts including pharmaceutical H_3PO_4, HF, NH_3 powders
- Salt aerosols; such as NH_4Cl, NH_4F
- Fine mists; organics and alcohols
- Aluminium chloride and chlorine
- Welding fumes
- Metal oxides such as Cu, Zn, Pb

We apply our experience to achieve excellence in designing, building and installing advanced control technologies for:

- Biogas and Landfill Gas
- Chemical Manufacturing
- Pulp and Paper
- Metal Smelting
- Textiles
- Metal Finishing and Plating
- Incineration / Boiler Flue Gas
- Electronic Equipment Manufacturing
- Petrochemical Refining
- Iron and Steel
- Food and Beverage
- Drum Filling Operations
- Paint and Coatings
- Pharmaceutical Manufacturing
- Drying Systems
- Fertilizer Production

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