Predator™ H_2S Eliminator

Specifications

Drum, 55 gallon - Height:	35"
Diameter:	23.5"
Shipping Weight:	500 lbs.
Tote, 320 gallon - Height:	4'
Diameter:	4'
Shipping Weight:	3000 lbs.
Tanker, 4900 gallon	for on site storage tanks
Shipping Weight:	45000 lbs.
5 gal. samples available	

Average Feed Rate Guideline

1 gallon Removal Rate:	1.2 to 1.9 lbs. H_2S

Guidelines for calculating chemical usage are estimates only.
Actual usage is effected by temperature, particulate levels, etc.

Applications

- H_2S Scrubbers–Crossflow and Pack Tower
- Replaces liquid caustic in H_2S scrubbers
- Replaces sodium hypochlorite in H_2S scrubbers
- Misting in enclosed, non-occupied areas

Application Areas

- Pump Stations
- Wet Wells
- Sludge Dewatering Process Areas
- Grit & Screening Facilities
- Headworks
- Rendering Operations
- Sites Generating Sulfides and Mercaptans

Types of Odors Treated

- H_2S
- Mercaptan Odors

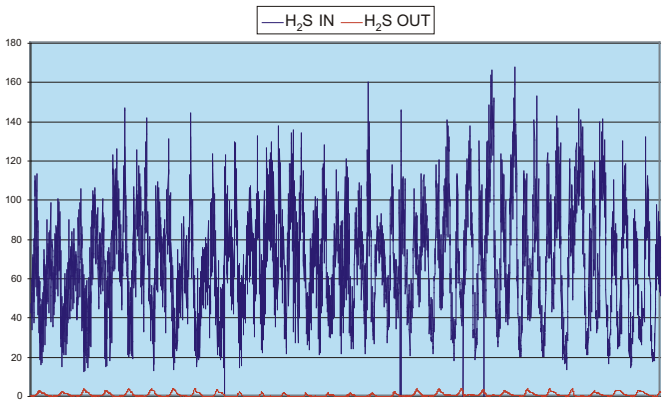
HLS Ecolo Application Systems

- ProBilt™ 2-Stage Scrubber
- Crossflow Wet Scrubbing System

Predator H_2S Eliminator is a state-of-the-art solution. Predator selectively and instantaneously removes H_2S and mercaptans from gas streams. It will not release sulfur after removing the H_2S and the reacted solution is water-soluble, readily biodegradable and non-hazardous, meeting RCRA and POTW standards.

Predator safely and effectively replaces liquid caustic, sodium hypochlorite, iron sponge and other scavenging systems. It is effective in most scrubber systems at 0.05 to .08 gallons per ppm H_2S per million cubic feet per day.

Predator H_2S Removal Efficiency using Pro-Bilt Air Scrubber



June 16 '04 to July 16 '04

The above graph represents H_2S levels measured every 10 minutes over a 30 day period. Predator was used in a ProBilt 2-Stage Scrubber operation at 1000 cfm at the headworks of a 5 mgd sewage treatment plant. The inlet levels of H_2S averaged 69 ppm with spikes to a maximum of 168 ppm. The outlet H_2S levels averaged .87 ppm with a maximum of 4.18 ppm. This represents an overall average of a 99% removal rate.

Technical Experts in Odor Control

59 Penn Drive, Toronto, Ontario, Canada M9L 2A6
Tel: 416-740-3900 Fax: 416-740-3800
E-Mail: info@hlsecolo.com Website: www.hlsecolo.com

HLS ECOLO® A HYDRALOGIC SYSTEMS INC. COMPANY