

H₂S SCRUBBER

APZEM provides a biogas scrubbing process for the removal of H₂S and particulate matter from biogas as it is produced. Using a patented, high efficiency gasliquid contacting process, H₂S is absorbed and the gas is purified for reuse in power generation.

FEATURES

- > Efficient intimate contact between gas and liquid reagent
- > Simple design and operation with no packed columns
- > Factory constructed, compact design
- > No waste - only environmentally acceptable solid sulfur cake
- > Automated control system

MATERIALS OF CONSTRUCTION

- > Fiberglass reinforced plastic (FRP)
- > MS, M.S with FRP Lined , M.S with Epoxy coated
- > PVC , CPVC
- > Polypropylene

APPLICATION

- > Oil refineries
- > Pulp and paper mills
- > Sewage treatment plants
- > Portland cement kilns
- > Municipal waste landfills
- > Oil and gas extraction operations
- > Sulfur products and hydrogen sulfide production

ADVANTAGE

- > Small footprint
- > Low installed costs
- > Automatic reagent addition
- > No disposal of potentially hazardous media
- > No labour for media cleaning or replacement
- > Consistent performance with >99% H₂S removal
- > No additional waste treatment equipment or operating costs
- > Automatic response to changes in gas flow rate or H₂S composition
- > Continuous reliable operation without any column to plug, foul, or foam.

ACCESSORIES

- > Centrifugal Blower
- > Spiral Ducts
- > Flexible duct
- > Magnahelic gauge
- > VOC Sensor
- > Adsorption Media
- > PH meter

