Chemical Process for Deodorization

Glass Reinforced Polyester equipments (GRP)

Dimasa Grupo builds gas treatment facilities for urban sewage and industrial wastewater. **The contaminant removal process by chemical deodorization is accomplished by neutralization reactions that eliminate acid and alkaline components.**

Removal of H_2S, mercaptans and NH_3 via chemical.

Neutralization reactors made of GRP high reliability, durability efficiency and getting the best quality of emissions.

Emissions completely odorless.

Facilities designed and customized to customer needs.

Elimination yields higher than 99%.

Filler high efficiency.

Deodorization is the processes in which it is removes the component, that cause odor especially mercaptans and H_2S and NH_3.

Often these are mixtures of substances released in the process of anaerobic decomposition.

Dimasa Grupo: union between manufacturing and engineering
We manufacture all equipment designed directly by our engineering department.

Process

Single or dual systems **removing step depending on the contaminants to be removed.**

-Simple Stage: removing a contaminant (H_2S o NH_3).
-Double Stage: alkali contaminant removal both alkaline NH_3 and acid H_2S.

Accessories


Bell gas extraction


Valve PPH


Pipes


Ventpipe

Covers

We manufacture **custom covers for any type of construction** such as thickeners, mazes chlorination tanks ...

These fully removable covers, are designed depending on the type of cover to carry the load weight that can withstand exterior coat and color may decided by customer.

We manufacture **diameter between 1 meter and 30 meters.** We also manufacture square or rectangular covers with interior supports in GRP.

The covers may have accessories and color a customer chooses :

- Access manholes into Dn-500/600 PN 0.2, screwed.
- Access manholes into special measures.
- Air inlet grille.
- Gas extraction sockets.
- Input sockets product.
- Detector sockets.