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GENERAL DESCRIPTION

Iron Oxide EST 2242 safely and irreversibly removes Hydrogen Sulphide and light mercaptan type odours from any air or gas stream.

Iron Oxide EST 2242 is a non-corrosive, granular material that selectively treats Hydrogen Sulphide and light mercaptans (methyl and ethyl) in a batch type process. This high capacity product is unique in that it reliably and predictably functions in partial to fully humid air/gas.

Iron Oxide EST 2242 is easy to handle and environmentally safe in both its un-reacted and reacted forms for easy disposal. All concentrations of Hydrogen Sulphide can be treated to virtually any outlet concentration desired.

Iron Oxide EST 2242 systems are extremely flexible, maintaining treatment during variations encountered in normal operation without operator adjustment.

This product is also ideal for treatment of biogas (digester and landfill) and other streams that benefit from the very low pressure drops characteristics of Iron Oxide EST 2242.



INVESTOR IN PEOPLE



REGISTERED OFFICE: CSO TECHNIK LTD – CHEQUERS BARN – CHEQUERS HILL – BOUGH BEECH – EDENBRIDGE – KENT TN8 7PD
REGISTERED IN ENGLAND & WALES NO. 3034006

APPLICATION

Iron Oxide EST 2242 can be used in common drum, box, or tank type vessels. Entrained or condensed liquids should be removed in a separator, knockout, or drip pot, just prior to entering the vessel(s).

Iron Oxide EST 2242 is applied in fixed bed reaction vessels operated, preferably in down-flow mode (helps prevent accumulation of condensed liquids).

Bed depths can range from 450 mm, with good inlet distribution and outlet collection design, up to 12 meters deep. Larger flows may be best treated in multiple parallel flow operation. Higher concentrations of Hydrogen Sulphide may be best treated in lead/lag or reversible series flow.

Computer aided design will specify the appropriate system and bed design, and process results, such as pressure drop, days to operate, etc.

PHYSICAL PROPERTIES

Iron Oxide EST 2242 can be kept for an indefinite period of time under normal storage conditions without loss of effectiveness. Product can be stored outside if protected from weather elements. No special handling or environmental inventory is required being non-hazardous and non-toxic.

HANDLING

ShippingDOT Non-Hazardous
Apparent Density.....1.0g/cc
Graded Granular Size.....4 to 16 mesh
H₂S Removal Capacity.....Up to 40% by weight
Appearance & Odour..... Black Granular, Odourless

DISTRIBUTION & HANDLING

Iron Oxide EST 2242 is available in 907 kg (2,000 lb.) super sacks.

Terms of contract:

Our standard terms of contract will apply.

Stage Payments:

20% on submittal of drawings for approval
80% on readiness of equipment for shipment

Payment Terms:

30 days net to approved accounts. Please note that we understand and will exercise our statutory right to interest under the Late Payment of Commercial Debts (interest) Act 1998 if we are not paid according to agreed credit terms.

Liquidated Damages:

We regret we are unable to accept liquidated damages.

Retentions:

We regret we are unable to accept retentions.

VAT:

Prices quoted do not include VAT.

Title:

Title does not pass until goods are paid for in full.

Confidentiality:

This document contains CSO Technik confidential and proprietary information and is supplied to allow the customer to make an evaluation of CSO Technik and its products for the project named in this proposal document. This document (including any part thereof) is not to be disclosed or transferred outside your organisation without prior written consent from a duly authorised CSO Technik employee.