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## PEACEMAKER® ODOR CONTROL MANHOLE SCRUBBER SPECIFICATIONS

### SCOPE

1.1 Under this item, the contractor shall supply and install to manufacturer's recommendations a Peacemaker® Odor Control Manhole Scrubber as shown on contract drawings and specified hereunder.

### MATERIALS AND DESIGN

#### General

2.1 The Peacemaker® Manhole Scrubber and components shall be manufactured from corrosion proof material suitable for atmospheres containing hydrogen sulphide and dilute sulphuric acid as well as other gases associated with wastewater collection systems and be filled with dry media capable of effective control of odors associated with such gases.

#### The Body

2.2 The body shall be made from Acrylonitrile Butadiene Styrene plastic that meets the Federal Standards of LP 1183 and can pass the following ASTM test requirements: D 256, D 638, D 790, D 792, D 785, D 648.

The thickness shall not be less than 3/32" nor greater than 6/32". The body shall be manufactured to the dimensions as shown on the contract drawings to allow easy installation in the manhole frame.

#### The Gasket

2.3 The gasket shall be made of closed-cell Neoprene. The gasket shall have a pressure sensitive adhesive on one side and be placed under the insert rim by the manufacturer. The adhesive shall be compatible with the body material so as to form a long-lasting bond in either wet or dry conditions of use.

#### Lift Straps

2.4 The insert shall have two lift straps attached to its body. Lift straps shall be made of 1" width polyester nylon and shall be seared on all cut ends to prevent unraveling or deterioration. Lift straps shall be attached to insert body by means of a 3/16" stainless steel rivet.

#### The Insert Media

2.5 The media shall remove H<sub>2</sub>S and malodorous compounds from the air stream via H<sub>2</sub>S Converting/Oxidizing/Polishing media. The H<sub>2</sub>S Converting/Oxidizing/Polishing media capacities shall not be diminished by ambient humidity.

#### Sizing

2.6 The manhole scrubber shall be manufactured to fit the manhole frame rim from which it hangs. Specific field measurements shall be required prior to production of the insert. Instructions will be made available to the purchaser or engineer for proper measurements.

#### INSTALLATION

3.1 The manhole frame rim shall be cleaned of all dirt or debris before placing the insert upon the rim.

3.2 The manhole scrubber shall be fully seated around the manhole frame rim.

#### FIELD TESTING AND TRAINING

4.1 Measure atmospheric H<sub>2</sub>S in ppm after removing cover but prior to installing insert. Measure again after installing insert and calculate removal percentage.

4.2 No field training required.

#### Limited Warranty:

Our only obligation shall be to replace or pay for any material proved defective. Beyond the purchase price of materials supplied by us, we assume no liability for damages of any kind and the user accepts the product "as is" and without warranties, expressed or implied. The suitability of the product for an intended use shall be solely up to the user.