

## FORM NO. 576S

### SPECIFICATIONS - **PEACEMAKER™ BRAND ODOR CONTROL VENT FILTERS**

#### Scope

**1.1** Under this item, the contractor shall supply and install to manufacturer's recommendations a PEACEMAKER™ Vent Filter as shown on contract drawings and specified hereunder.

#### MATERIALS & DESIGN

##### General

**2.1** The PEACEMAKER™ Vent Filter and any associated components shall be manufactured from corrosion - proof material suitable for atmospheres containing hydrogen sulfide and dilute sulfuric acid as well as other gases common to wastewater collection and processing, and be filled with dry media capable of effective control of odors associated with such gases.

##### The Filter Body

**2.2** The filter body and related components such as reducers and flanges shall be made of Schedule 40 PVC or of ABS plastic. The perforated end caps shall be of polypropylene. Fasteners shall be of 302 stainless steel.

##### The Filter Media

**2.3** The media shall remove H<sub>2</sub>S and malodorous compounds from the air stream via dry-air oxidation chemistry. Oxidation shall be accomplished via molecular contact with the media, producing solid by-products which are deposited on and within the media. Other malodorous gases shall be treated by absorption and adsorption. Oxidation and absorptive capacities shall not be diminished by ambient humidity.

##### Media Replacement

**2.4** The filter assembly shall be refillable upon removal from vent stack.

#### INSTALLATION

**3.1** Filter shall push over vent stack to a seating ring and be tightened to vent stack by stainless steel thumbscrews.

#### FIELD TESTING AND TRAINING

**4.1** Measure atmospheric H<sub>2</sub>S in ppm emanating from vent before and after installation of filter.

**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.