

MSA Scrubber Monitoring System

for Waste Water Treatment Plants



Application

With the increased concern for clean air, many wastewater treatment plants are adding scrubber systems to help control odor (hydrogen sulfide) emissions. MSA offers both in-situ-type sensors for large diameter pipes and/or pre-engineered sample draw systems for those applications that require higher detection ranges. Both of these products can also be used in chlorine scrubber applications with a range of 0-25 PPM.

MSA Ultima[®] X or X³ sensor/transmitters with a duct mount kit feature remote calibration for use within the larger pipes. All of the advanced features of the Ultima X or X³ are available, including smart sensors, on-board relays and LEDs, internal power supply option, and true one-person calibration.

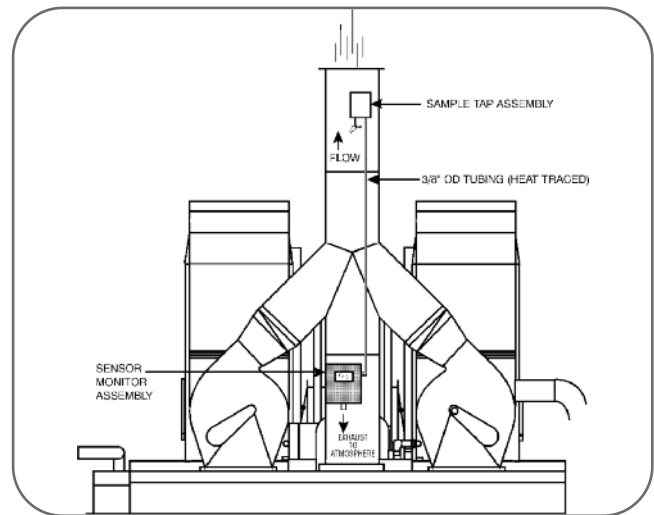
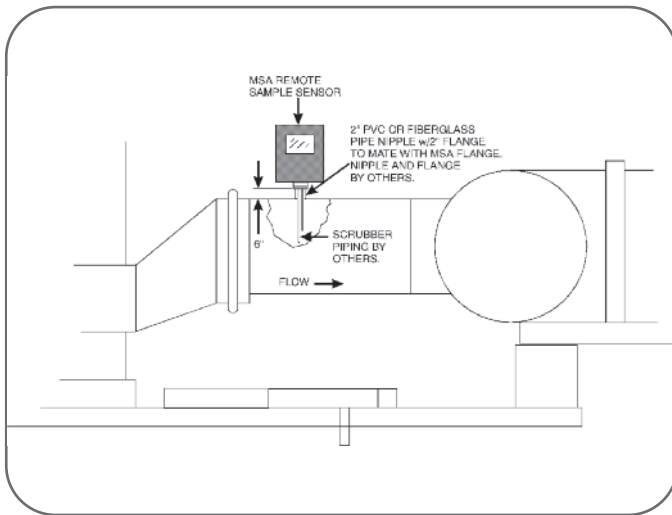
The MSA Scrubber Monitoring System is a pre-engineered system that is compatible with most wet or dry scrubbers. The system operates within a closed loop so that no gas is vented into the atmosphere. Built to withstand harsh outdoor environments, it is housed in a heated NEMA 4X enclosure.

Maintenance and calibration are simple procedures. If an obstruction occurs in the sample line, the unit provides a flow failure indication. Calibration can be performed with an IR calibrator, eliminating the need to open the front door of the system. MSA offers a complete line of calibration equipment.

MSA's Sample Tap Assembly is designed to eliminate high moisture at the pick-up point on vertical stacks. All sample tubing outside of the scrubber should be heat traced to further reduce moisture development within the system.

Benefits

- Ensures that your scrubber is working and meeting EPA requirements.
- Indicates break-through for carbon bed scrubbers.
- Controls chemical feeds for wet scrubbers.
- Conserves expensive chemicals.
- Eliminates complaints from the community.



Note: This is a representative description of this product and its potential applications. Contact MSA Custom Products at customproducts@MSAnet.com for information on customizing this unit to fit a specific need.

Note: This bulletin contains only a general description of the products shown. While uses and performance capabilities are described, under no circumstances shall the products be used by untrained or unqualified individuals and not until the product instructions including any warnings or cautions provided have been thoroughly read and understood. Only they contain the complete and detailed information concerning proper use and care of these products.



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