

Installation and Operating Instructions



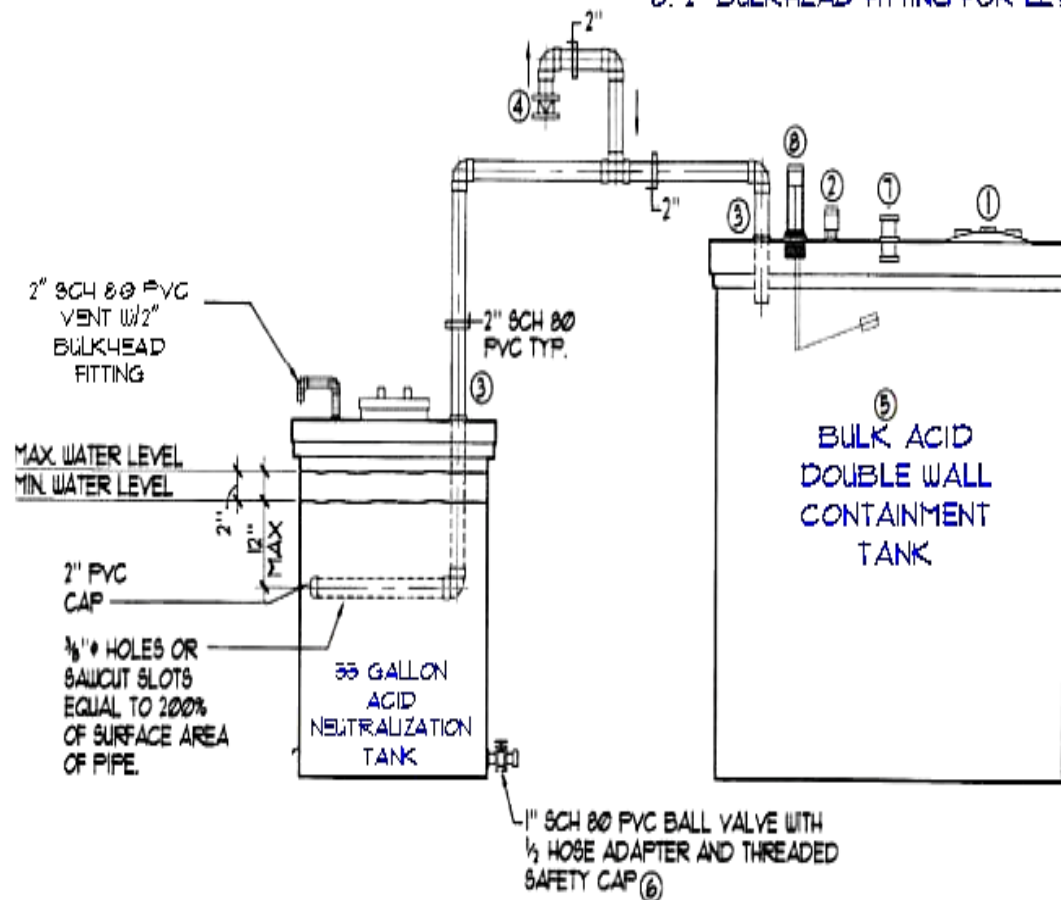
Vapor Recovery System

Eko³systems

Specifications

LEGEND:

1. NON-VENTED MANWAY
2. CAMLOCK FITTING FOR FILL HOSE
3. 2" BULKHEAD FITTINGS
4. 2" BALL CHECK VALVE
5. DOUBLE WALL ACID CONTAINMENT TANK
6. HOSE ADAPTER
7. VAPORLOK KIT AND BULKHEAD FITTING
8. 2" BULKHEAD FITTING FOR LEVEL SENSOR



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The Vapor Recovery System is designed to facilitate the dilution and neutralization of harmful gases that may be discharged from a Muriatic/Hydrochloric Acid storage container.

The neutralization medium is a Sodium Bicarbonate and water solution.

Fill the Vapor Recovery System container with water to the top of the diffuser pipe.

Add one (1) pound of Sodium Bicarbonate to the water. Test the pH of the solution with your pH test kit. Continue to add Sodium Bicarbonate, in one (1) pound increments, to the solution until a pH of above 8.0 is achieved.

Test the pH of the Sodium Bicarbonate/water solution on a monthly basis from the 3/4" drain port located at the bottom of the Vapor Recovery System container. If the pH of the solution decreases below 7.0 add Sodium Bicarbonate, in one (1) pound increments, until a pH of above 8.0 is achieved.

Drain and refill the Vapor Recovery System container on an annual basis. Repeat the above procedures to obtain the correct pH solution.

Caution: There are many variables affecting neutralization and dilution of chemicals discharges through a system. Professional assistance should be employed in analyzing the effluent, recommending appropriate equipment, and necessary maintenance services.

Note: Neutralization medium not included.



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