

Powered Anode System

For Large Volume Glass lined Storage Tanks



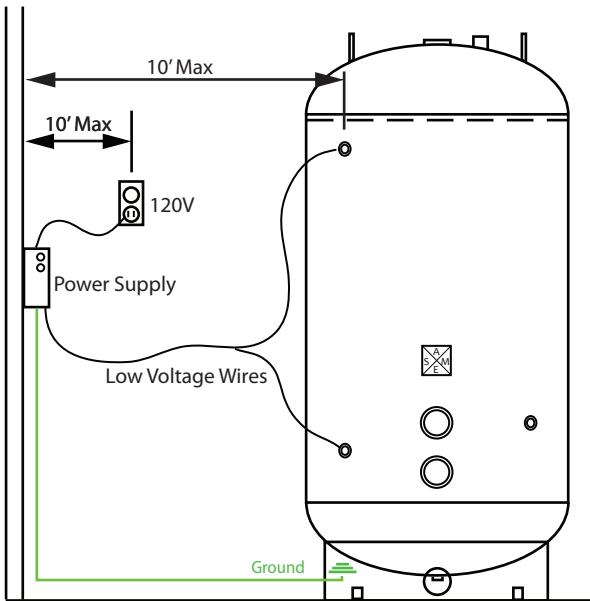
NST
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SINCE 1898™

Protect your tank investment with the new powered anode system for large volume tanks. As a building owner or service maintenance provider, the last thing you need is to replace your large volume storage tank because the consumable anodes were not routinely inspected and replaced. Our maintenance procedures are clear, inspect and replace the consumable anodes every 6 months. Failure to perform the inspection can jeopardize the warranty but more importantly greatly reduce the life expectancy on the tank.

Scheduled maintenance of the tanks anode rods can be a costly process. Not only is there the expense of pulling your system off line, there is considerable down time and disruption of service to the building. All of this can be eliminated by installing the powered anode system by Niles Steel Tank. Save time, money and know that your tank investment is protected.

The Titanium powered anode and controlled power supply will replace conventional magnesium or aluminum anode rods. The powered anode system monitors the electrical potential of the tank surfaces and supplies identical electrical potential to the anode

rod(s). Because there is no difference in electrical potential, corrosion of the tank is prevented. The system uses low voltage, low current electricity to create electrical potentials inside the tank that prevents corrosion. The titanium anode is non-consumable so it does not need to be replaced and there is no "rotten egg" smell.



Powered Anode System will handle 1, 2 or 3 titanium anodes. This example shows a 2 anode system.



- Titanium powered anodes are designed for maintenance free operation.
- Easy hook-up, plug-n-play. The unit is powered by 120V from a standard wall outlet. The anodes have 1) low voltage wire and a ground wire, which is attached to the tank.
- The power source is a small 6 1/2" x 3 1/2" x 2 1/2" box that can mount to a wall near the tank. (Within 10' from the anodes)
- Visual Alert - If the system detects a fault in the wiring, the power source will flash with a green and red LED.
- Retrofit existing tanks with electric anodes
- Available for tanks up to 850 gallons

Contact your Niles Steel Tank representative for pricing and sizing.