

MESA's expanding services division encompasses engineering, cathodic protection, Vapor phase Corrosion Inhibitor (VpCI®) and other integrity services for tanks, terminals and pipelines. These unique capabilities make our comprehensive Aboveground Storage Tanks (ASTs) and piping corrosion control packages unmatched in the industry. MESA is distinctively positioned as a single source corrosion solutions provider for all terminal assets.

- ✓ Total corrosion control system design, engineering, installations, and maintenance
- ✓ Cathodic Protection (CP) systems of all types – specializing in under tank HDD systems
- ✓ Exclusive distributor/applicator of CorroLogic™ corrosion inhibitor systems for ASTs and cased pipeline crossings
- ✓ Underground piping CP system design, engineering, installations, and maintenance
- ✓ In-service mitigation of Corrosion Under Insulation (CUI) with CorroLogic™ corrosion inhibitor systems
- ✓ Real-time corrosion rate monitoring systems

**Corrosion control solutions utilizing Vapor phase Corrosion Inhibitors (VpCI®)**

MESA and CORTEC Corporation bring a unique solution to control corrosion of ASTs and other type assets. CORTEC Corporation is the world's leading manufacturer and distributor of VpCI® products and technologies. VpCI® products are used in a wide variety of applications and are environmentally friendly.

Various solutions offered by MESA that incorporate VpCI® technology include:

- ✓ ASTs of all types, with both in-service and out-of-service systems available
- ✓ Real-time corrosion rate monitoring programs
- ✓ CUI for pipelines and vessels
- ✓ Corrosion control during hydro-testing of pipelines and vessels
- ✓ Corrosion preservation of all type equipment during layup and storage

**CorroLogic™ VpCI® System for Aboveground Storage Tanks (ASTs)**

Over thirty years of corrosion inhibitor research, combined with many AST field installations, provide assurance and confidence that the CorroLogic™ Systems for ASTs are effective. The Corrosion Solutions group of MESA is authorized by CORTEC Corporation to exclusively provide the CorroLogic™ Systems for ASTs in the United States and Canada. The enclosed interstitial spaces below AST floors provide the perfect environment for effective corrosion mitigation with migrating corrosion inhibitors. MESA offers CorroLogic™ VpCI® systems for ASTs custom-engineered for any type of service.

✓ **CorroLogic™ Corrosion Inhibitor Packet Strip System**

Cortec VpCI® powder is packaged in Tyvek packets that are connected in 50-foot long strips. These strips are installed under tank floors before the tank pad sand is applied.

✓ **CorroLogic™ Thru-the-Floor System for Out-of-Service ASTs**

Cortec VpCI® powder is mixed with water and pumped through temporary ports installed in the tank floor. This provides excellent distribution of the corrosion inhibitor under the floor and an aggressive treatment of active soil-side corrosion.

✓ **CorroLogic™ System for In-Service ASTs**

A special process is used to install a network of perforated PVC pipe through the sand tank pad inside the interstitial space. Cortec VpCI® powder is then mixed into a solution and pumped through the injection pipes for distribution throughout the interstitial space.

To learn more about our tanks and terminals program, please contact any of the following team members.



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