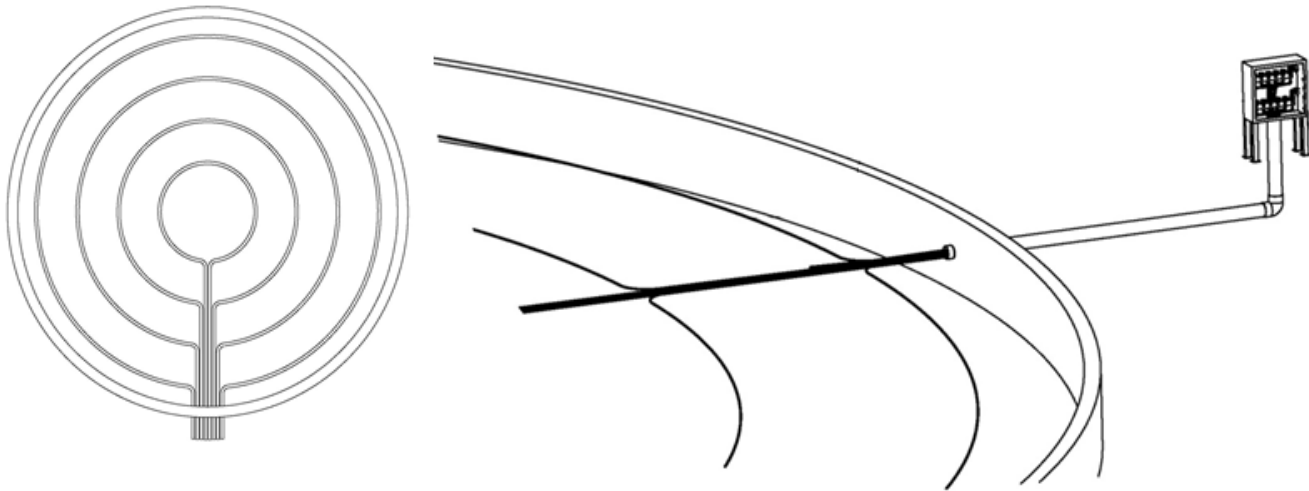# CorroLogic® Dispensing System
Corrosion Inhibiting System for Soil Side Corrosion

PRODUCT DESCRIPTION

Corrologic® Dispensing system is an automated modular Vapor phase Corrosion Inhibitor (VpCI®) dispensing system designed to mitigate soil-side corrosion on above ground storage tank bottoms. Its unique design ensures a uniform distribution of the VpCIs® into the interstitial space between the tank floor and the construction pad with the objective to condition the environment under the tank. Volatile corrosion inhibitor molecules diffuse through the sand to the tank bottoms plates and eliminate the biological corrosive species to eventually mitigate soil-side corrosion on storage tank bottoms.

FEATURES

- Cost effective and easy onsite installation
- Doesn't require any changes to current standard tank foundation construction
- Provides an economic online treatment solution for tank bottoms to be used until CP system is energized during construction phase or in case of CP failure or interruptions during operation.
- Ensures uniform distribution of VpCI® throughout the sand pad
- Can be used with existing corrosion probes under the tank to monitor the effectiveness of corrosion inhibitor.
- Independent concentric dispensing rings to avoid single point failure scnearios

TYPICAL APPLICATIONS

The system is designed to be incorporated into single bottom aboveground storage tank foundation during new tank construction or existing tank going through complete bottom replacement. It is also designed to be installed during installation of double bottoms. it is applicable to all types of tank construction pads.

METHOD OF Installation

Consult with Cortec® Corrosion Engineering and Field Services for system engineering.

ADVANTAGES

Implementation of this system results in extension of service life of tank bottoms, reduction on costs associated with maintenance and repair during the service life of the tank as well as an increase in the span between inspection intervals.