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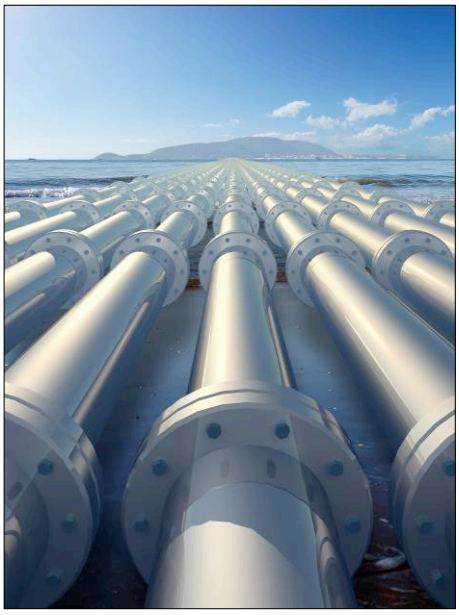
Attention: Editor

May 28, 2015

PRODUCT RELEASE

Cortec® Announces VpCI®-643: Environmentally Safe Corrosion Solution For Process Applications!



In desalination plants and closed circuit cooling and heating systems, solutions containing dissolved halogens can cause harmful corrosion. To fix this devastating set back, the plant or system must be shut down; this solution can be crippling to businesses due to the extreme costs and loss of production time. Fortunately, Cortec® Corporation, the global leader in corrosion control technology, has created a product to prevent this corrosion problem.

A biodegradable corrosion inhibitor for marine and process applications —Cortec's VpCI®-643 provides instant, long-term, multi-metal corrosion protection. VpCI®-643 is a unique, concentrated combination of

inherently biodegradable corrosion inhibitors and oxygen scavengers that protect ferrous and nonferrous metals from corrosive solutions containing chlorides. This new water treatment additive is designed to provide corrosion protection in fresh water, salt water, brine and other highly corrosive solutions containing dissolved halogens.

As a concentrated formulation, VpCI®-643 offers low dosage effectiveness as a treatment for a wide variety of marine and process applications requiring economical corrosion inhibition for fresh and salt water. VpCI®-643 is an effective replacement for nitrate and chromate-based formulations and hydrazine-based oxygen scavengers. Adding VpCI®-643 to closed circuit cooling and heating systems containing brines or water and hydrostatic testing of pipeline, castings, tanks and valves provides corrosion inhibiting levels of above 95%.

By scavenging oxygen in a liquid system and forming a barrier layer onto a metal substrate, VpCI®-643 provides corrosion protection in aggressive chloride-filled environments. This becomes particularly important in desalination plants dealing with highly corrosive, concentrated chloride stream as a byproduct for removing the chloride from seawater to produce drinking water.

FEATURES

- Provides effective corrosion protection against aggressive attack of high chloride solutions
- Effective in a broad range of applications to stop aggressive corrosion by salt or fresh water, and brines
- Nitrite and amine-free
- Low concentration effectiveness provides economical treatment

- Multi-metal protection
- Readily water-soluble liquid for easy application

VpCI®-643 is available in 5-gallon (19 liter) pails, 55-gallon (208 liter) drums, liquid totes, and bulk.

Cortec's VpCI®-643 conforms to ASTM G 1, ASTM G 3 Standard Test Methods, NACE Standard TM-01-64 for Laboratory Corrosion Testing of Metal for the Process Industries, and NACE Standard TM 0169-95 for Laboratory Corrosion Testing of Metals.

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