NEWS ALERT

ISO 9001 • ISO 14001
ISO/IEC 17025

Corrosion Failure or Corrosion Prevention on Marine Electronics—You Choose!

Humidity, salt spray, moisture, and extreme temperatures combine to create a perfect recipe for corrosion on electricals and electronics in marine environments. Two of the most serious consequences are equipment failure and costly replacement. These problems can be easily avoided by choosing Cortec® VpCI® Emitters ahead of time.

The Easy Emitter Solution for Corrosion Prevention

While marine environments create a perfect recipe for corrosion, Cortec® VpCI® Emitters are an easy recipe for successful corrosion prevention inside electronic and electrical cabinets aboard ships or offshore platforms. VpCI® Emitters release Vapor phase Corrosion Inhibitors that fill the electrical or electronic enclosure and form a molecular protective film on the metal surfaces within. This molecular layer does not interfere with equipment operation, but it does interfere with the normal corrosion reaction that takes place in the presence of metal, oxygen, and an electrolyte.

A Corrosion Solution for All Sizes

VpCI® Emitters come in three basic sizes. The last number of each name signifies the volume of space protected:

- VpCI®-101 Device (self-adhesive foam piece that protects 1 cubic feet [28 L] of enclosed space)
- VpCI®-105 Emitter (self-adhesive cup that protects 5 cubic feet [0.14 m³] of enclosed space)
- VpCI®-111 Emitter (self-adhesive cup that protects 11 cubic feet [0.31 m³] of enclosed space)

Cortec® also offers a variety of VpCI®-130 Series Foam Emitters available in sizes that protect up to 10 cubic feet (0.3 m³/m²) of space per unit (VpCI®-137), perfect for preserving large rooms of electrical equipment during shutdown.

A Corrosion Solution for All Seasons

VpCI® Emitters are often used during layup or mothballing of offshore rigs or oceangoing vessels. They are an important part of a good strategy to ensure equipment is ready to use at startup. The fact that VpCI® Emitters are easy to remove or do not need to be removed at all before bringing equipment back online gives users maximum convenience and minimum downtime. This also means VpCI® Emitters can often be used during active operation to minimize corrosion related electrical/electronic repairs and service interruptions.

Choose Corrosion Prevention

Whatever situation you find yourself in, remember the advantages of preventative maintenance. By making a small investment up front to prevent corrosion, you can avoid the costlier effects of correcting the problem after it happens. Make the corrosion prevention choice today by contacting Cortec® about VpCI® Emitters for marine electronics and electricals: **https://www.cortecpackaging.com/contact-us/**.

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