



NEWS ALERT

Two Ways to Fight CUI Under Existing Insulation



Corrosion under insulation (CUI) is a rampant problem in the oil and gas industry and other sectors where insulated piping is common. The same insulation that traps moisture also hides the resulting corrosion, meaning damage could be catastrophic before it is discovered. Cortec® offers a unique approach to fighting this problem through the application of Vapor phase Corrosion Inhibitors into existing insulation.

No Need to Remove Insulation

Most CUI treatments can only be done when applying new insulation. This limits options for maintenance crews who may not have the time or budget to remove and replace existing insulation. Cortec's vapor-phase CUI treatments bypass this challenge. They can be injected into the insulation at intervals and allowed to migrate and form a corrosion inhibiting molecular layer on the insulated metal surface.

Two Options for Two Temperature Ranges

[CorroLogic® CUI Inhibitor](#) is an injectable Vapor phase Corrosion Inhibitor that should be used for insulated pipes operating at temperatures below 338 °F (170 °C). [CorroLogic® CUI Inhibitor Injection](#) is a newer vapor-phase CUI inhibitor treatment designed to protect insulated surfaces that reach operating temperatures of 338-662 °F (170-350 °C). A special sustainability feature of CorroLogic® CUI Inhibitor Injection is that it contains 100% USDA certified biobased content.

Common Sense vs. Heroic Measures

Injection of CorroLogic® CUI inhibitors into existing insulation is an important strategy to reduce the frequency of CUI-related maintenance and repairs by slowing the corrosion process. Cortec® is eager to help the oil and gas industry address these concerns practically without "heroic" insulation removal and replacement measures. [Contact Cortec® today to learn more about CorroLogic® CUI technologies and discuss running a field trial.](#)

Keywords: *corrosion under insulation, oil and gas industry problems, insulated piping maintenance, corrosion inhibitors, USDA Certified Biobased Product, CUI treatments, wet-dry cycling, Cortec, slow corrosion on insulated piping*



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