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Attention: Editor

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PRESS RELEASE

CorroLogic™ System – Solution Custom Engineered to Fit!

Cortec® Engineering & Field Service (CEFS), developed an engineered system approach, utilizing VpCI® chemistry, to control corrosion and has obtained significant results in the marketplace in 2012. In support of this approach, CEFS is developing its CorroLogic™ family of systems, services, and products especially designed to control corrosion in a variety of applications within the most aggressive corrosive environments such as:

1. CorroLogic™ System for Above Ground Storage Tanks (AST)



Above Ground Storage Tanks

System of filling the interstitial spaces of double bottom above ground storage tanks. A growing number of Oil & Gas companies are embracing the CorroLogic™ System approach for their ASTs. Data from the real-time corrosion rate monitoring equipment that is installed in each tank along with the VpCI®, proves the long term effectiveness of this solution. Cortec® completed a pilot project for the Saudi-Arabian Oil Company, Saudi Aramco, on an AST with an oil-sand tank pad at one of their critical Arabian Gulf oil export terminals, the report of which will be presented at the NACE International Conference in 2013.

2. CorroLogic™ System for Cased Pipeline Casings (CPC)



Cased Pipeline Crossings

Cortec® chemists developed a corrosion control product with VpCI® that is applied as a liquid into the annular space between the carrier pipe and the casing which quickly sets into a gel, as well as the equipment and process for application of the product. Options for corrosion rate monitoring are also available. Cortec® is providing the Oil and Gas industry with unique choices for carrier pipe corrosion control.

3. CorroLogic™ System for Insulated Pipe (CUI)

Corrosion under insulation (CUI) is a significant worldwide problem. CEFS is devoting significant resources in 2012 to refine the VpCI® products used to mitigate CUI in a wide variety of environments. Cortec® engineers have worked with a major manufacturer of corrosion rate monitoring systems to develop equipment capable of producing real-time measurements at the surfaces of insulated pipe as well as developing special equipment and processes for application of VpCI® chemistry. In the very near future, Cortec® will be well prepared to make a huge impact on mitigation of CUI with no service disruption, no recoating, and no insulation removal.



Corrosion under insulation (CUI)

Tim Whited, Cortec's Director of Corrosion Engineering and Field Services, noted that underground structures, such as pipelines, face aggressive corrosion attack in many areas due to the presence of a high groundwater table that is very saline. According to Whited “Most industries including oil and gas companies such as Saudi Aramco and the Adnoc group are benefiting in multiple ways from Cortec’s CorroLogic™ family of systems.”

CorroLogic™ products are non-toxic, nitrite and phosphate-free, and are made of biodegradable materials. The CorroLogic™ family of systems complies to NACE Standard RP 0487-2000.

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Cortec® Corporation is the global leader in innovative, environmentally responsible VpCI® and MCI® corrosion control technologies for Packaging, Metalworking, Construction, Electronics, Water Treatment, Oil & Gas, and other industries. Our relentless dedication to sustainability, quality, service, and support is unmatched in the industry. Headquartered in St. Paul, Minnesota, Cortec® manufactures over 400 products distributed worldwide. ISO 9001 & ISO 14001:2004 Certified.

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