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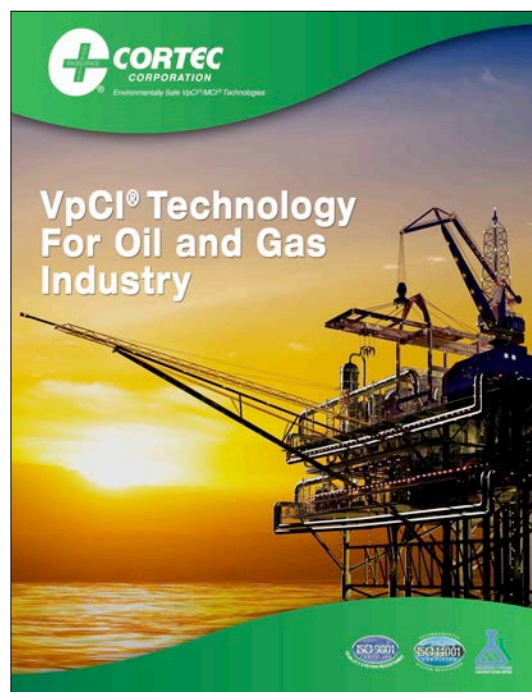
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PRESS RELEASE



Cortec's New Brochure "VpCI® Technology for Oil and Gas Industry" Now Available!

Cortec® has published the NEW "VpCI® Technology for Oil and Gas Industry". This brochure provides state-of-the-art information on Cortec's patented VpCI® technology and details products and services offered to our customers and clients globally in the oil and gas industry. Cortec's diverse set of services and products can be utilized in upstream, midstream, and downstream businesses. The brochure also explains the value of Cortec® Global Services and Cortec® Field Services in the challenging environments of the oil and gas industry. The buyer's guide included on the final pages expands upon the industry leading product descriptions, applications, and dosage information necessary to choose your corrosion protection solution.



Cortec® VpCI® Technology

PROTECT OIL & GAS INDUSTRIES

The Oil & Gas Industry has presented difficult challenges to researchers in fighting the effects of corrosion — an economic loss and environmental safety. The total annual cost of corrosion in the oil and gas production industry is estimated to be \$3.372 billion, more specifically, \$200 million in surface pipeline and facility costs, \$400 million annually in downhole tubing expenses, and another \$200 million in related expenditures related to corrosion. Cortec's capability offers highly efficient and economical corrosion protection for Oil and Gas applications. Cortec® products have been developed using proprietary VpCI® Technology. Cortec® VpCI® is a safe, cost-effective method for preventing and eliminating the severe damage caused by corrosion process streams. Utilizing Cortec's corrosion-inhibiting products will help companies within the oil and gas industries to comply with safety, health and environmental policies as well as reduce upkeep and maintenance and settlement costs.

PROTECT THE ENVIRONMENT

VpCI® offers an environmentally safe method of treatment with low toxicity and low polluting effects. Unlike corrosion-inhibiting systems of the past, many of Cortec® VpCI® do not contain chromium or other heavy metals, acids, or other hazardous materials. With Cortec® VpCI® you can turn the tables on corrosion. With the support of our corrosion scientists, engineers, and testing facility, Cortec® can provide unique, environmentally friendly, cost-effective solutions to corrosion problems.

PROTECT CONTINUOUSLY

Unlike conventional methods, such as filling entire corrosion inhibitors, you can inject Cortec® VpCI® into any part of your system. Cortec® VpCI® go to work immediately and are self-replenishing. Continuous, uninterrupted protection in the liquid phase, inter-phase, and vapor phase can be added at multiple points. For example, the automatic injection of Cortec® VpCI® into a system — with no attendance operator — provides protection immediately, even on pre-rusted or scaled surfaces.

Vertical Integration and ISO Total Quality to Reduce Risk

ISO Accredited Laboratories for Validation Testing

Trusted Global Manufacturing And Technical Service in 90+ Countries

Vapor phase Corrosion Inhibitors (VpCI®)

VpCI® technology is an innovative, environmentally safe, cost-effective option for corrosion protection. Cortec® products conform with a film, mono-molecular protective barrier. The barrier is self-replenishing and can be combined with other functional properties for added protective capabilities. VpCI® form a physical bond on the metal surface creating a barrier layer against aggressive ions.



Industry Solutions

PROCESS SYSTEMS-HYDROCARBON SIDE

Crude oil processing equipment, pipes and pipelines, refinery equipment and systems, tankers and engines need protection against piping corrosion, gases and water intrusions.

Cortec® VpCI® treatments protect systems with a high ratio of steel to water, and systems exposed to hydrogen, sulfur and hydrogen sulfide. These products are especially effective in low areas in the bottom where water collects, causing extreme corrosion attack. Put Cortec® VpCI® to work and let the Cortec® VpCI® alternative solve your corrosion problems.



Upstream: Exploration & Production

Cortec® provides superior corrosion protection for operational and capital assets, production equipment, infrastructure, key assets, offshore vessels, storage tanks, modules and skids — including flow paths internal and external, operational and dead assets. Unlike during transport construction, commissioning operations and maintenance for offshore and offshore assets, Cortec® products and services are environmentally friendly, quarantine compliant and EHS pre-validated. Cortec® VpCI® and VpCI® solutions for oil gas ensure readiness and effective maintenance at the lowest possible cost. Sub-sea pipelines, items and operations.

Midstream: Transportation & Storage

Cortec® patented VpCI® technology provides cost-effective, easy-to-apply, long-life solutions for storage, storage vessels, transportation vehicles and vessel and all related capital equipment. Select Cortec® products for flow path gases, oil, alcohol, steam, tank trucks, from water, salt water, external coatings, internal coatings and void space including enclosed pipe, ATEs and air equipment to CP systems. Cortec® also has a range of MRO products that can be used safely in operating conditions.

Downstream: Refining & Petrochemical

By reducing downtime and lowering maintenance bill, Cortec® products can improve downstream business operator effectiveness and efficiency. Equipment and open-inlet areas in oil refining, gas processing and production facilities create devastating delays. Cortec® products are useful as functional substitutes in these petrochemical products, tanks and byproducts — offering corrosion protection enhancement, especially in moisture and corrosion prone products. Additionally, Cortec® products assist in the maintenance, repair and operations of downstream assets.

RELATED PRODUCTS/SERVICES

- Permanent Paints
- Intle Asset Preservation
- Float Coats
- Soft and Hard Coatings
- Packaging and Shrouds
- Fogs & Void Space
- This Film Inhibitors
- CUI and TOTL Inhibitors
- Packaging
- Stabilizers
- Additives
- Absorption & Scavenging
- CP Mitigation Engineering
- Powders
- Hydrotesting

Turnkey Corrosion Control

FIELD SERVICES

In today's diverse and challenging environment, the oil and gas industry increasingly faces reduced human capital availability, less efficient improvements, and increasing reliance on analytic data which can be used to drive real-time decision making.

Cortec's field services facilitates the emerging digital field production technology that oil and gas enterprises can use to improve efficiency, near time field communications and data collection and intelligent, responsive decision making.



Equipment Preservation

Cortec® has provided turnkey support for many years for equipment preservation projects — new and old. Cortec® products are needed through the full application of all preservation technology and products required to effectively mitigate corrosion during downtime.

- This includes preservation during shut-down, storage, temporary shut-down, or long term inactivity.
- Corrosion protection is provided to all surfaces, both internal and external through the multiple delivery systems available with Cortec® VpCI® technology.
- VpCI® preservation applications include a variety of coating products, surface coatings, powders and tanks for logging of large spaces, as well as for tanks and process tanks, as well as for tank inactivity.
- With CUI's, real-time corrosion rate monitoring systems for critical assets are available.
- Assistance with removal of preservation products is also available during turnkey equipment recommissioning.

Plant Layout and Mothballing

Cortec® specializes in turnkey corrosion control engineering and applications services for entire plants and is augmented with implementation of a comprehensive plant layout package that could include:

- A corrosion audit for identification of all facility corrosion control requirements.
- A comprehensive plan to mitigate internal and external corrosion on all plant assets — both above-ground and under-ground.
- Turnkey application of all corrosion control systems.
- Monitoring and maintenance of corrosion control systems during the lay-down period.
- Future assistance with the transition from the lay-down phase to plant commissioning.

All information can be found at www.CortecCorrosion.com

Tank, Line & Process Vessel Corrosion Protection

A growing number of Oil & Gas companies are embracing the Corroslog® System approach for their ATEs. 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 the solution. Cortec® completed a pilot project for the Saudi Aramco Oil Company, Saudi Aramco, on an AST with an oil-wet tank and as one of the critical nodes of oil export terminals. Product is used as a powder or slurry of Corroslog® (inter-posed with Nano VpCI® Corroslog® Powder powered with Nano VpCI® is 100% biodegradable in marine environment per OECD-P206, BOD 300, 28 Marine Test, Non-Toxic, Non-Poisoning, and HDM Compliant. It meets NACE Standard RP02-2003, Military Standard MIL-C-27100, MIL-Test (Navy Approval Authority).

For high temperature applications for tanks holding fluids or solids above 200 deg C, use Corroslog® Slurry HT VpCI® System.

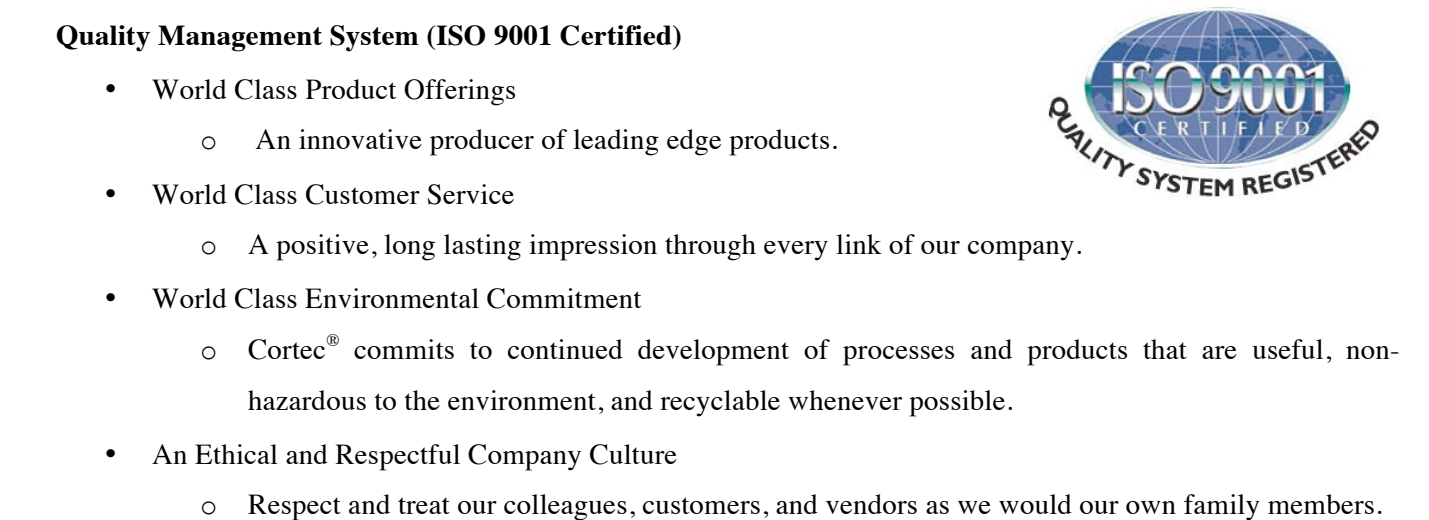
Cortec's diverse set of services and products can be utilized in upstream, midstream, and downstream businesses. The brochure also explains the value of Cortec® Global Services and Cortec® Field Services in the challenging environments of the oil and gas industry.

In a rapidly growing market, Cortec® continues to lead in the oil and gas industry with its innovative corrosion control products. Many of these unique products conform to ASTM G 1, ATMS G3 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.

With years of experience and knowledge, Cortec® understands the needs of the market. In order to facilitate and achieve success, the main purpose of this brochure is to provide our clients with up to date information. In order for Cortec® to be able to continue to facilitate and ensure that its customers' needs are met efficiently, we provide:

Quality Management System (ISO 9001 Certified)

- World Class Product Offerings
 - An innovative producer of leading edge products.
- World Class Customer Service
 - A positive, long lasting impression through every link of our company.
- World Class Environmental Commitment
 - Cortec® commits to continued development of processes and products that are useful, non-hazardous to the environment, and recyclable whenever possible.
- An Ethical and Respectful Company Culture
 - Respect and treat our colleagues, customers, and vendors as we would our own family members.



Environmental Management System (ISO 14001 Certified)

Cortec's strong environmental concern is demonstrated in the design and manufacturing of products that protect materials of all kinds from environmental degradation. A strong commitment to produce recyclable products made from sustainable resources has been and will be our future policy.



Laboratory Accreditation (ISO/IEC 17025)

Ensures quality testing services, and to continually improve the effectiveness of the Quality Management System. It is Cortec® Corporation's goal to encourage active participation of all employees in quality planning and continual improvement efforts to meet all quality and service objectives. Cortec® Laboratories is the only lab in our industry that received ISO/IEC 17025.



Need a High-Resolution Photo? Please Visit: www.cortecadvertising.com

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, & ISO 17025 Certified.

Cortec Website: <http://www.cortecvci.com> Phone: 1-800-426-7832 FAX: (651) 429-1122