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Attention: Editor

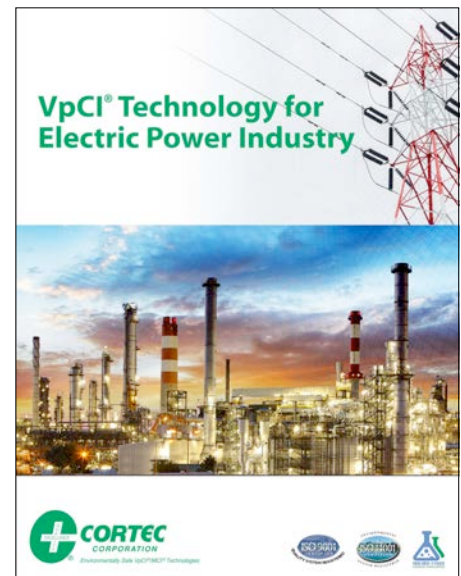
November 19, 2015

PRESS RELEASE



Cortec's Publishes "VpCI® Technology for Electric Power Industry" – A New Resource Brochure For The Electric Power Industry!

Members of the electric power generation sector have a new corrosion prevention resource guide! Cortec's "VpCI® Technology for Electric Power Industry" brochure addresses several types of corrosion—oxide, galvanic, hot, and erosion—that attack power industry equipment and infrastructure. When equipment deterioration or failure results, maintenance costs rise and profits fall. Cortec's goal is to help the electric power industry avoid unnecessary costs by providing a wide range of effective and easy-to-use Vapor phase Corrosion Inhibitors (VpCI®).



The brochure explains how Cortec's VpCI® Technology works by vaporizing and then condensing on metal surfaces, causing VpCI® ions to dissolve and form a thin molecular barrier on the metal surface. The protective layer re-heals and self-replenishes through further condensation of the vapor.

Cortec® VpCI® Technology

PROTECT THE ELECTRIC POWER INDUSTRIES

Corrosion causes significant losses to the electric power industry in generation, transmission, and distribution. Billions of dollars are lost each year due to corrosion-related issues. Maintenance costs rise and profits fall when equipment must be repaired or when spare parts are not ready for immediate use during an outage. A significant percentage of these costs is avoidable with proper prevention measures. Cortec's capability offers environmentally friendly, highly efficient, and easy-to-use vapor phase Corrosion Protection for Electric Power Industries applications.

PROTECT THE ENVIRONMENT

Vapor phase Corrosion Inhibitors (VpCIs) offer an environmentally safe method of treatment with low toxicity and low volatility effects. Unlike corrosion inhibiting systems of the past, many of Cortec's VpCIs do not contain chromates or other heavy metals, nitrates, or chlorinated hydrocarbons. With Cortec® VpCIs you can turn the tables on corrosion. With the support of our corrosion specialists, engineers, and testing facilities, Cortec® can provide simple, environmentally friendly, cost-effective solutions to corrosion problems.

PROTECT CONTINUOUSLY

Unlike conventional methods, such as bluing anode corrosion inhibitors, you can inject Cortec® VpCIs into any part of your system. Cortec® VpCIs do not require maintenance and are self-replenishing. Continuous, uninterrupted protection in the field, passivation, and vapor phase can be added at multiple points. For example, the automatic injection of Cortec® VpCIs into a system with no attention operator — provides protection immediately even on pre-rusted or scaled surfaces.

VAPOR PHASE CORROSION INHIBITORS

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

HOW VpCI® WORKS

- Vaporizes
- Conditions enclosed atmosphere with a protective vapor
- Vapor condenses on all metal surfaces
- Ions (oxide in moisture layer water electrolyte)
- Protective ions are attracted to metal surfaces
- Forms thin, thin molecular protective layer at the metal surface
- Protective layer is healed, and self-replenishes through further condensation of the vapor
- VpCI® combines with other functional properties: Anticathodic, Lubricating, Cleaning, Rust Removing, Disinfecting, Hydrophobic, Coatings, Rust Removing, etc.

This technology performs better than traditional treatments, which depend on sacrificial metals. The large relative particle size of these metals can allow gaps in the protective layer, giving way to micro-corrosion and eventually coating failure. Unlike corrosion inhibiting systems of the past, many of Cortec's VpCI® products do not contain chromates or other heavy metals, nitrites, or chlorinated hydrocarbons. VpCIs can even be injected automatically into process systems to immediately begin protecting surfaces that already have rust or scale.

Cortec® acknowledges the power industry's diverse range of corrosion challenges and offers power generation, distribution, and infrastructure solutions throughout the brochure. Cortec's assortment of coatings, additives, emitters, sprays, powders, and films target corrosion in bolting, generators, piping, valves, pumps, speed changers, switchgears, transformers, and structural steel. Industry personnel can refer to the buyer's guide at the end of the brochure for succinct profiles on the many varieties of products available for corrosion prevention. Waste treatment products are also available through Bionetix®, a subsidiary of Cortec®.

Buyer's Guide to the Electric Power Industry

Product	Description	Application	Dosage
BioClean®	BioClean® is a water-based, biodegradable rust prevention that is suitable for preservation of metal in storage and during transportation.	BioClean® can be applied by dip or spray using hand held sprayers in a variety of orientations using systems (compressors, airlocks, etc.).	Apply to surface annually. This product has a low volatility, so the re-coating rate is very high.
BioProtect™	BioProtect™ is an environmentally safe corrosion preventative made with high-level zinc content.	The BioProtect™ provides a clean and dry surface providing a ready-to-paint metal surface (galvanized steel, rebar, brass, steel, aluminum, and others).	See BioProtect™ data sheet and contact your local distributor for full details.
BioPrime®	BioPrime® is a water-based corrosion inhibitor that is suitable for preservation of metal in storage and during transportation.	Mainly used for protecting steel, galvanized steel, brass, steel, cast iron, steel, aluminum, steel, magnesium alloy, copper, zinc alloys, and other metals.	See BioPrime® data sheet and contact your local distributor for full details.
Cortec® M-100	Multifunctional inhibitor spray with VpCI® 211 & 212™ in 10:90 ratio.	M-100 is used when metal surfaces are not being painted or are in a storage condition.	1.0 lb./week (0.028 wt%)
Cortec® VpCI® 211	VpCI® 211 is a water-based corrosion inhibitor for steel and other metals.	Spray with approved hand held sprayers, backpack sprayers, and other tools that provide corrosion protection for steel and other metals.	Apply at least 0.3 oz./sq ft (0.009 wt%)
Deoxidizer® VpCI®	Deoxidizer® VpCI® is a specially designed spray that contains a combination of deoxidizer and VpCI®.	Deoxidizer® VpCI® is designed to protect products produced in an atmosphere where oxygen is present. It is used for steel surfaces that are being prepared for painting or other treatments.	Each Deoxidizer® VpCI® can be applied at 1.0 lb./week (0.028 wt%)

Product	Description	Application	Dosage
Electrocoat® VpCI® 220	Electrocoat® VpCI® 220 provides corrosion protection on electrical components located in a central station condition.	Circuit breakers, bus bars, electrical connections.	Apply a light spray evenly over the metal surface. Do not spray and coat a dry surface. Re-apply as needed.
M-500	M-500 is an oil-based package of corrosion inhibitors for lubricating, hydraulic oils, or engine oils.	Corrosion protection for turbine and turbine metal.	M-500 can be used at 0.2% for operational protection or preservation.
M-501	M-501 is an oil-based package of corrosion inhibitors for lubricating, hydraulic oils, or engine oils.	Corrosion protection for turbine and turbine metal.	M-501 can be used at 0.2% for operational protection or preservation.
M-502	M-502 is an oil-based package of corrosion inhibitors for lubricating, hydraulic oils, or engine oils.	Corrosion protection for turbine and turbine metal.	M-502 can be used at 0.2% for operational protection or preservation.
M-503	M-503 is an oil-based package of corrosion inhibitors for lubricating, hydraulic oils, or engine oils.	Corrosion protection for turbine and turbine metal.	M-503 can be used at 0.2% for operational protection or preservation.
M-504	M-504 is an oil-based package of corrosion inhibitors for lubricating, hydraulic oils, or engine oils.	Corrosion protection for turbine and turbine metal.	M-504 can be used at 0.2% for operational protection or preservation.
M-505	M-505 is an oil-based package of corrosion inhibitors for lubricating, hydraulic oils, or engine oils.	Corrosion protection for turbine and turbine metal.	M-505 can be used at 0.2% for operational protection or preservation.
M-506	M-506 is an oil-based package of corrosion inhibitors for lubricating, hydraulic oils, or engine oils.	Corrosion protection for turbine and turbine metal.	M-506 can be used at 0.2% for operational protection or preservation.
M-507	M-507 is an oil-based package of corrosion inhibitors for lubricating, hydraulic oils, or engine oils.	Corrosion protection for turbine and turbine metal.	M-507 can be used at 0.2% for operational protection or preservation.
M-508	M-508 is an oil-based package of corrosion inhibitors for lubricating, hydraulic oils, or engine oils.	Corrosion protection for turbine and turbine metal.	M-508 can be used at 0.2% for operational protection or preservation.
M-509	M-509 is an oil-based package of corrosion inhibitors for lubricating, hydraulic oils, or engine oils.	Corrosion protection for turbine and turbine metal.	M-509 can be used at 0.2% for operational protection or preservation.
M-510	M-510 is an oil-based package of corrosion inhibitors for lubricating, hydraulic oils, or engine oils.	Corrosion protection for turbine and turbine metal.	M-510 can be used at 0.2% for operational protection or preservation.
M-511	M-511 is an oil-based package of corrosion inhibitors for lubricating, hydraulic oils, or engine oils.	Corrosion protection for turbine and turbine metal.	M-511 can be used at 0.2% for operational protection or preservation.
M-512	M-512 is an oil-based package of corrosion inhibitors for lubricating, hydraulic oils, or engine oils.	Corrosion protection for turbine and turbine metal.	M-512 can be used at 0.2% for operational protection or preservation.
M-513	M-513 is an oil-based package of corrosion inhibitors for lubricating, hydraulic oils, or engine oils.	Corrosion protection for turbine and turbine metal.	M-513 can be used at 0.2% for operational protection or preservation.
M-514	M-514 is an oil-based package of corrosion inhibitors for lubricating, hydraulic oils, or engine oils.	Corrosion protection for turbine and turbine metal.	M-514 can be used at 0.2% for operational protection or preservation.
M-515	M-515 is an oil-based package of corrosion inhibitors for lubricating, hydraulic oils, or engine oils.	Corrosion protection for turbine and turbine metal.	M-515 can be used at 0.2% for operational protection or preservation.
M-516	M-516 is an oil-based package of corrosion inhibitors for lubricating, hydraulic oils, or engine oils.	Corrosion protection for turbine and turbine metal.	M-516 can be used at 0.2% for operational protection or preservation.
M-517	M-517 is an oil-based package of corrosion inhibitors for lubricating, hydraulic oils, or engine oils.	Corrosion protection for turbine and turbine metal.	M-517 can be used at 0.2% for operational protection or preservation.
M-518	M-518 is an oil-based package of corrosion inhibitors for lubricating, hydraulic oils, or engine oils.	Corrosion protection for turbine and turbine metal.	M-518 can be used at 0.2% for operational protection or preservation.
M-519	M-519 is an oil-based package of corrosion inhibitors for lubricating, hydraulic oils, or engine oils.	Corrosion protection for turbine and turbine metal.	M-519 can be used at 0.2% for operational protection or preservation.
M-520	M-520 is an oil-based package of corrosion inhibitors for lubricating, hydraulic oils, or engine oils.	Corrosion protection for turbine and turbine metal.	M-520 can be used at 0.2% for operational protection or preservation.
M-521	M-521 is an oil-based package of corrosion inhibitors for lubricating, hydraulic oils, or engine oils.	Corrosion protection for turbine and turbine metal.	M-521 can be used at 0.2% for operational protection or preservation.
M-522	M-522 is an oil-based package of corrosion inhibitors for lubricating, hydraulic oils, or engine oils.	Corrosion protection for turbine and turbine metal.	M-522 can be used at 0.2% for operational protection or preservation.
M-523	M-523 is an oil-based package of corrosion inhibitors for lubricating, hydraulic oils, or engine oils.	Corrosion protection for turbine and turbine metal.	M-523 can be used at 0.2% for operational protection or preservation.
M-524	M-524 is an oil-based package of corrosion inhibitors for lubricating, hydraulic oils, or engine oils.	Corrosion protection for turbine and turbine metal.	M-524 can be used at 0.2% for operational protection or preservation.
M-525	M-525 is an oil-based package of corrosion inhibitors for lubricating, hydraulic oils, or engine oils.	Corrosion protection for turbine and turbine metal.	M-525 can be used at 0.2% for operational protection or preservation.
M-526	M-526 is an oil-based package of corrosion inhibitors for lubricating, hydraulic oils, or engine oils.	Corrosion protection for turbine and turbine metal.	M-526 can be used at 0.2% for operational protection or preservation.
M-527	M-527 is an oil-based package of corrosion inhibitors for lubricating, hydraulic oils, or engine oils.	Corrosion protection for turbine and turbine metal.	M-527 can be used at 0.2% for operational protection or preservation.
M-528	M-528 is an oil-based package of corrosion inhibitors for lubricating, hydraulic oils, or engine oils.	Corrosion protection for turbine and turbine metal.	M-528 can be used at 0.2% for operational protection or preservation.
M-529	M-529 is an oil-based package of corrosion inhibitors for lubricating, hydraulic oils, or engine oils.	Corrosion protection for turbine and turbine metal.	M-529 can be used at 0.2% for operational protection or preservation.
M-530	M-530 is an oil-based package of corrosion inhibitors for lubricating, hydraulic oils, or engine oils.	Corrosion protection for turbine and turbine metal.	M-530 can be used at 0.2% for operational protection or preservation.
M-531	M-531 is an oil-based package of corrosion inhibitors for lubricating, hydraulic oils, or engine oils.	Corrosion protection for turbine and turbine metal.	M-531 can be used at 0.2% for operational protection or preservation.
M-532	M-532 is an oil-based package of corrosion inhibitors for lubricating, hydraulic oils, or engine oils.	Corrosion protection for turbine and turbine metal.	M-532 can be used at 0.2% for operational protection or preservation.
M-533	M-533 is an oil-based package of corrosion inhibitors for lubricating, hydraulic oils, or engine oils.	Corrosion protection for turbine and turbine metal.	M-533 can be used at 0.2% for operational protection or preservation.
M-534	M-534 is an oil-based package of corrosion inhibitors for lubricating, hydraulic oils, or engine oils.	Corrosion protection for turbine and turbine metal.	M-534 can be used at 0.2% for operational protection or preservation.
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M-538	M-538 is an oil-based package of corrosion inhibitors for lubricating, hydraulic oils, or engine oils.	Corrosion protection for turbine and turbine metal.	M-538 can be used at 0.2% for operational protection or preservation.
M-539	M-539 is an oil-based package of corrosion inhibitors for lubricating, hydraulic oils, or engine oils.	Corrosion protection for turbine and turbine metal.	M-539 can be used at 0.2% for operational protection or preservation.
M-540	M-540 is an oil-based package of corrosion inhibitors for lubricating, hydraulic oils, or engine oils.	Corrosion protection for turbine and turbine metal.	M-540 can be used at 0.2% for operational protection or preservation.

Product	Description	Application	Dosage
VpCI® 301	VpCI® 301 is a water-based, temporary coating that is intended for use on steel surfaces in a storage condition.	Apply a light spray evenly over the metal surface. Do not spray and coat a dry surface. Re-apply as needed.	Apply at a rate of 0.25-0.50 oz./sq ft (0.008-0.016 wt%) for 1-3 year protection.
VpCI® 410	VpCI® 410 is a water-based, temporary coating that is intended for use on steel surfaces in a storage condition.	Apply a light spray evenly over the metal surface. Do not spray and coat a dry surface. Re-apply as needed.	Apply at a rate of 0.25-0.50 oz./sq ft (0.008-0.016 wt%) for 1-3 year protection.
VpCI® 411	VpCI® 411 is a water-based, temporary coating that is intended for use on steel surfaces in a storage condition.	Apply a light spray evenly over the metal surface. Do not spray and coat a dry surface. Re-apply as needed.	Apply at a rate of 0.25-0.50 oz./sq ft (0.008-0.016 wt%) for 1-3 year protection.
VpCI® 412	VpCI® 412 is a water-based, temporary coating that is intended for use on steel surfaces in a storage condition.	Apply a light spray evenly over the metal surface. Do not spray and coat a dry surface. Re-apply as needed.	Apply at a rate of 0.25-0.50 oz./sq ft (0.008-0.016 wt%) for 1-3 year protection.
VpCI® 413	VpCI® 413 is a water-based, temporary coating that is intended for use on steel surfaces in a storage condition.	Apply a light spray evenly over the metal surface. Do not spray and coat a dry surface. Re-apply as needed.	Apply at a rate of 0.25-0.50 oz./sq ft (0.008-0.016 wt%) for 1-3 year protection.
VpCI® 414	VpCI® 414 is a water-based, temporary coating that is intended for use on steel surfaces in a storage condition.	Apply a light spray evenly over the metal surface. Do not spray and coat a dry surface. Re-apply as needed.	Apply at a rate of 0.25-0.50 oz./sq ft (0.008-0.016 wt%) for 1-3 year protection.
VpCI® 415	VpCI® 415 is a water-based, temporary coating that is intended for use on steel surfaces in a storage condition.	Apply a light spray evenly over the metal surface. Do not spray and coat a dry surface. Re-apply as needed.	Apply at a rate of 0.25-0.50 oz./sq ft (0.008-0.016 wt%) for 1-3 year protection.
VpCI® 416	VpCI® 416 is a water-based, temporary coating that is intended for use on steel surfaces in a storage condition.	Apply a light spray evenly over the metal surface. Do not spray and coat a dry surface. Re-apply as needed.	Apply at a rate of 0.25-0.50 oz./sq ft (0.008-0.016 wt%) for 1-3 year protection.
VpCI® 417	VpCI® 417 is a water-based, temporary coating that is intended for use on steel surfaces in a storage condition.	Apply a light spray evenly over the metal surface. Do not spray and coat a dry surface. Re-apply as needed.	Apply at a rate of 0.25-0.50 oz./sq ft (0.008-0.016 wt%) for 1-3 year protection.
VpCI® 418	VpCI® 418 is a water-based, temporary coating that is intended for use on steel surfaces in a storage condition.	Apply a light spray evenly over the metal surface. Do not spray and coat a dry surface. Re-apply as needed.	Apply at a rate of 0.25-0.50 oz./sq ft (0.008-0.016 wt%) for 1-3 year protection.
VpCI® 419	VpCI® 419 is a water-based, temporary coating that is intended for use on steel surfaces in a storage condition.	Apply a light spray evenly over the metal surface. Do not spray and coat a dry surface. Re-apply as needed.	Apply at a rate of 0.25-0.50 oz./sq ft (0.008-0.016 wt%) for 1-3 year protection.
VpCI® 420	VpCI® 420 is a water-based, temporary coating that is intended for use on steel surfaces in a storage condition.	Apply a light spray evenly over the metal surface. Do not spray and coat a dry surface. Re-apply as needed.	Apply at a rate of 0.25-0.50 oz./sq ft (0.008-0.016 wt%) for 1-3 year protection.
VpCI® 421	VpCI® 421 is a water-based, temporary coating that is intended for use on steel surfaces in a storage condition.	Apply a light spray evenly over the metal surface. Do not spray and coat a dry surface. Re-apply as needed.	Apply at a rate of 0.25-0.50 oz./sq ft (0.008-0.016 wt%) for 1-3 year protection.
VpCI® 422	VpCI® 422 is a water-based, temporary coating that is intended for use on steel surfaces in a storage condition.	Apply a light spray evenly over the metal surface. Do not spray and coat a dry surface. Re-apply as needed.	Apply at a rate of 0.25-0.50 oz./sq ft (0.008-0.016 wt%) for 1-3 year protection.
VpCI® 423	VpCI® 423 is a water-based, temporary coating that is intended for use on steel surfaces in a storage condition.	Apply a light spray evenly over the metal surface. Do not spray and coat a dry surface. Re-apply as needed.	Apply at a rate of 0.25-0.50 oz./sq ft (0.008-0.016 wt%) for 1-3 year protection.
VpCI® 424	VpCI® 424 is a water-based, temporary coating that is intended for use on steel surfaces in a storage condition.	Apply a light spray evenly over the metal surface. Do not spray and coat a dry surface. Re-apply as needed.	Apply at a rate of 0.25-0.50 oz./sq ft (0.008-0.016 wt%) for 1-3 year protection.
VpCI® 425	VpCI® 425 is a water-based, temporary coating that is intended for use on steel surfaces in a storage condition.	Apply a light spray evenly over the metal surface. Do not spray and coat a dry surface. Re-apply as needed.	Apply at a rate of 0.25-0.50 oz./sq ft (0.008-0.016 wt%) for 1-3 year protection.
VpCI® 426	VpCI® 426 is a water-based, temporary coating that is intended for use on steel surfaces in a storage condition.	Apply a light spray evenly over the metal surface. Do not spray and coat a dry surface. Re-apply as needed.	Apply at a rate of 0.25-0.50 oz./sq ft (0.008-0.016 wt%) for 1-3 year protection.
VpCI® 427	VpCI® 427 is a water-based, temporary coating that is intended for use on steel surfaces in a storage condition.	Apply a light spray evenly over the metal surface. Do not spray and coat a dry surface. Re-apply as needed.	Apply at a rate of 0.25-0.50 oz./sq ft (0.008-0.016 wt%) for 1-3 year protection.
VpCI® 428	VpCI® 428 is a water-based, temporary coating that is intended for use on steel surfaces in a storage condition.	Apply a light spray evenly over the metal surface. Do not spray and coat a dry surface. Re-apply as needed.	Apply at a rate of 0.25-0.50 oz./sq ft (0.008-0.016 wt%) for 1-3 year protection.
VpCI® 429	VpCI® 429 is a water-based, temporary coating that is intended for use on steel surfaces in a storage condition.	Apply a light spray evenly over the metal surface. Do not spray and coat a dry surface. Re-apply as needed.	Apply at a rate of 0.25-0.50 oz./sq ft (0.008-0.016 wt%) for 1-3 year protection.
VpCI® 430	VpCI® 430 is a water-based, temporary coating that is intended for use on steel surfaces in a storage condition.	Apply a light spray evenly over the metal surface. Do not spray and coat a dry surface. Re-apply as needed.	Apply at a rate of 0.25-0.50 oz./sq ft (0.008-0.016 wt%) for 1-3 year protection.
VpCI® 431	VpCI® 431 is a water-based, temporary coating that is intended for use on steel surfaces in a storage condition.	Apply a light spray evenly over the metal surface. Do not spray and coat a dry surface. Re-apply as needed.	Apply at a rate of 0.25-0.50 oz./sq ft (0.008-0.016 wt%) for 1-3 year protection.
VpCI® 432	VpCI® 432 is a water-based, temporary coating that is intended for use on steel surfaces in a storage condition.	Apply a light spray evenly over the metal surface. Do not spray and coat a dry surface. Re-apply as needed.	Apply at a rate of 0.25-0.50 oz./sq ft (0.008-0.016 wt%) for 1-3 year protection.
VpCI® 433	VpCI® 433 is a water-based, temporary coating that is intended for use on steel surfaces in a storage condition.	Apply a light spray evenly over the metal surface. Do not spray and coat a dry surface. Re-apply as needed.	Apply at a rate of 0.25-0.50 oz./sq ft (0.008-0.016 wt%) for 1-3 year protection.
VpCI® 434	VpCI® 434 is a water-based, temporary coating that is intended for use on steel surfaces in a storage condition.	Apply a light spray evenly over the metal surface. Do not spray and coat a dry surface. Re-apply as needed.	Apply at a rate of 0.25-0.50 oz./sq ft (0.008-0.016 wt%) for 1-3 year protection.
VpCI® 435	VpCI® 435 is a water-based, temporary coating that is intended for use on steel surfaces in a storage condition.	Apply a light spray evenly over the metal surface. Do not spray and coat a dry surface. Re-apply as needed.	Apply at a rate of 0.25-0.50 oz./sq ft (0.008-0.016 wt%) for 1-3 year protection.
VpCI® 436	VpCI® 436 is a water-based, temporary coating that is intended for use on steel surfaces in a storage condition.	Apply a light spray evenly over the metal surface. Do not spray and coat a dry surface. Re-apply as needed.	Apply at a rate of 0.25-0.50 oz./sq ft (0.008-0.016 wt%) for 1-3 year protection.
VpCI® 437	VpCI® 437 is a water-based, temporary coating that is intended for use on steel surfaces in a storage condition.	Apply a light spray evenly over the metal surface. Do not spray and coat a dry surface. Re-apply as needed.	Apply at a rate of 0.25-0.50 oz./sq ft (0.008-0.016 wt%) for 1-3 year protection.
VpCI® 438	VpCI® 438 is a water-based, temporary coating that is intended for use on steel surfaces in a storage condition.	Apply a light spray evenly over the metal surface. Do not spray and coat a dry surface. Re-apply as needed.	Apply at a rate of 0.25-0.50 oz./sq ft (0.008-0.016 wt%) for 1-3 year protection.
VpCI® 439	VpCI® 439 is a water-based, temporary coating that is intended for use on steel surfaces in a storage condition.	Apply a light spray evenly over the metal surface. Do not spray and coat a dry surface. Re-apply as needed.	Apply at a rate of 0.25-0.50 oz./sq ft (0.008-0.016 wt%) for 1-3 year protection.
VpCI® 440	VpCI® 440 is a water-based, temporary coating that is intended for use on steel surfaces in a storage condition.	Apply a light spray evenly over the metal surface. Do not spray and coat a dry surface. Re-apply as needed.	Apply at a rate of 0.25-0.50 oz./sq ft (0.008-0.016 wt%) for 1-3 year protection.

For those who want to simplify maintenance and preservation of plant assets, the brochure presents turnkey solutions through Cortec® Global Services. Global Services can evaluate and treat trouble spots for the highest possible performance of plant operations. Real-time corrosion rate monitoring systems for critical assets are available, as well as plant layout and recommissioning services. Plants may

HIGH PERFORMANCE COATINGS, ADDITIVES, AND EMITTERS FOR THE ELECTRIC POWER INDUSTRY

Cortec® can match your corrosion protection needs with its versatile product line of high performance coatings for metal structures, additives for oil and water, and emitters and sprays for electronics.

With our environmentally safe VpCI® technology, your equipment and infrastructure will be effectively protected against humidity, saltwater, and oxidizing atmospheres as well as corrosive industrial, marine, and tropical environments. Traditional treatments rely on sacrificial metals (zinc, chromium, aluminum) for inhibition. Due to the large particle size of these inhibitors, gas will slowly corrode to start and eventually seep out, causing coating failure.

Cortec® Nano VpCI® coatings use the patented VpCI® technology to protect the metal substrate with a tight bonding molecular structure. This system eliminates the gaps which occur with traditional inhibitors and prevents corrosion from starting.

TRADITIONAL COATINGS VS. CORTEC® MICRO-CORROSION INHIBITING COATINGS™ WITH NANO VpCI®



WASTE WATER TREATMENT

Cortec® VpCI® Water Treatments provide continuous protection from corrosion in process systems, boilers, heat exchangers, cooling towers, and steam condensate lines. Cortec® VpCI® Water Treatments prevent the harmful effects caused by fresh and salt water, brine, and various dissolved minerals. Cortec's full range of corrosion-inhibiting additives will protect ferrous, non-ferrous, and dissimilar metals in water process and piping systems.

Cortec's ability to automatically inject VpCIs at any time into any part of your process system makes it versatile and easy to use. Even pre-rusted or scaled surfaces are guarded as self-renewing VpCIs go to work in the liquid phase, interphase, or vapor phase for continuous, immediate protection.

Bonivet International, a subsidiary of Cortec®, also offers products that treat chemicals in wastewater and reduce the accumulation of petroleum products in sumps and drains. Benefits from these treatments have included improved water quality, better odor control, and reduced cost of cleaning and maintenance. For more information, visit www.bonivet-international.com.






alternatively choose applicator training so their own personnel can apply treatments. Global Services draws from an experience of over 35 years to provide clients with best-in-class technology, project management, engineering, design application, and training services to ensure zero defect, low-cost preservation.

By offering a wide range of products and services, Cortec® is able to provide innovative and effective corrosion protection for the broad scope of electric power industry needs.

See the full brochure at the following link:

http://www.cortecvci.com/Publications/Brochures/Electric_Brochure_11-2015_reduced.pdf

For more information about versatile rust prevention solutions from Cortec please visit our website at:

<http://www.cortecvci.com/Products/products.php>

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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, & ISO 17025 Certified.

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