

CORTEC*Vision*

October 2019

**Welcoming Cortec® Friends
& Family to 2019 World Sales
Meeting - p.2**

CorteCros®

**The Next Phase of Growth for Increased
Production and Improved Service to
Customers Across Europe**





Welcoming Cortec® Friends & Family to 2019 World Sales Meeting

We look forward to welcoming Cortec® friends and family to our biggest biennial event: The Cortec® World Sales Meeting!

This year's World Sales Meeting takes place October 2nd-4th, 2019, once again at the beautiful Saint Paul hotel in downtown Saint Paul, Minnesota. As usual, our time will be filled to the brim with networking, awards, education, and enjoyment! Social events will include a welcome reception at the Saint Paul Hotel, an Oktoberfest at the Gasthaus Bavarian Hunter, and a Friday evening riverboat cruise on the mighty Mississippi!

In addition to our keynote presentations and technical breakout sessions, Cortec® friends and family will have the opportunity to mingle and ask questions one-on-one with various Cortec® departments in a trade-fair-like setting at Cortec® World Headquarters. Guests should also be prepared to enjoy an exciting "rusteological" adventure as they see the premier of Cortec's newest short film, The Legend of the Carbon Stela!

If you have not yet registered, you can do so today at <https://www.cortecwsm.com/meeting-registration/>.



CorteCros® Ltd. Begins Production of Cortec® Chemical Products in Split



CorteCros® Ltd, a member of Cortec® Corporation's group in Europe, officially launched production of Cortec® chemical products Monday, August 19th, with the successful manufacture of its first batches of VpCI®-329 and VpCI®-369. This followed a year and six months of preparing production space, procuring equipment, and securing raw materials at the site in Split, Croatia, where Cortec® VpCI®/MCI® products will now be manufactured in accordance with REACH regulation.

Production in Split facilitates shorter delivery time to customers everywhere within the European Union and nearby countries. CorteCros's new manufacturing facility and lab are equipped with modern instruments and perform testing compliant to EU and ASTM standards. Each batch is tested onsite according to stringent standards which allow the company to provide high quality services to its customers. Laboratory C&A (Certificate and Analysis) tests have shown the quality of the products to be fully compliant with Cortec® Corporation specifications. Cortec® is excited to begin this next phase of growth for increased production and improved service to customers across Europe!



Ninety-Nine Hundred Miles of Foam: A Classic Minnesota Employer-Employee Story

Many VpCI® users are familiar with Cortec's VpCI®-130 Series foam emitters, that provide vapor-phase corrosion protection to metals in enclosed spaces small and large. Many, however, may not be familiar with the man behind the foam, who just passed his 36-year mark of working at Cortec® and is heading strong into his 37th year. His story is what Cortec® founder and CEO, Boris Miksic, called "a genuine American/ Minnesota story," as he praised Dean Santos for "being Cortec's champion for 37 years! Never missed a day of work, never complained once. . . ."

Dean Santos, whom everyone knows as "Dino," is the thoughtful kind of guy who may well remember your birthday after you tell him once. He started working for Cortec® on July 25th, 1983, when Cortec® was still a young company of almost six years old. Little did he know that he would still be there 36—going on 37—years later as the longest standing employee next to Cortec's founder, Miksic.

Although Dino has helped with many different tasks around the production floor, his signature task has been running the machines that infuse Vapor phase Corrosion Inhibitors into VpCI®-130 Series foam. The foam is cut into various sizes or sold as large rolls for users to place inside small electrical boxes or entire mothballed equipment rooms to protect electricals, instrumentation, and other metals from corrosion. According to the most recent calculations, it is estimated that Dino has infused 50-60 million square feet (4.6-5.6 million m²) of foam with VpCI®. When laid end to end at one foot wide, this amounts to 9,900 miles (15,933 km) and would reach from Cortec® World Headquarters in Saint Paul, Minnesota, to the South Pole.

Reflecting on his long tenure at Cortec®, Dino commented that "it's just amazing that I've been here that long, and God willing, I'm going to keep going as long as I can" Provided he is physically able, he hopes to work at least eight more years and be the first employee (after Miksic) to pass the 40-year mark. If his sick time record is any indication, this looks very hopeful, as Dino does not recall having to take time off for illness for the last eight years (since 2011).

Dino's advice for being a successful employee is to be dedicated to your work, be on time, and be there for your coworkers when they need your help. He said it has been a pleasure working with fellow employees and working for Miksic all these years. They have come through some tough economic periods, such as the stock drop in 2008, but Dino's faith in God keeps him optimistic: "I'm not too worried about the rough [times], because He gets us through everything. . . ."



Cortec® Corporation Achieves Major Safety Milestone, Earns Governor's Safety Award

Cortec® Corporation's White Bear Lake facility received the Meritorious Achievement Award in occupational safety during the Governor's Safety Awards ceremony at the 85th annual Minnesota Safety & Health Conference, May 8th in Prior Lake, Minnesota.

"Every day in Minnesota, about 100 workers get injured or ill to the point that they can't go back to their job the next day," said Paul Aasen, president of the Minnesota Safety Council, which coordinates the awards program. "Congratulations to Cortec® Corporation for their hard work to make sure their employees are not part of this statistic."

Jill Pearson, Safety Coordinator at Cortec® White Bear Lake headquarters, said, "We are honored to receive this award; this is a huge accomplishment for us. Employees are the most important asset to our organization, and we will continue to make safety a priority for our employees."

Since 1934, the annual Governor's Safety Awards program has honored Minnesota employers who display exceptional safety performance. Applicants are judged on several years of injury data as it compares with their industry's national statistics, and on their progress in implementing a comprehensive safety program.



Cortec® Biotechnology Campus Receives Quality Management Certification

Cortec® Biotechnology Campus (CBC) in Sarasota, Florida, received ISO 9001:2015 Quality Management System (QMS) certification this year, passing the official audit February 27th with flying colors. Audit highlights included CBC's achievement of a 99.9% on-time shipping record and a commendation on full implementation of the standard with internal audits made and quality objectives met, among other accomplishments.



Cortec® Receives VW Certificate as Official Producer of VW Group

Cortec® Corporation is now a certified producer, supplier, and strategic partner of Volkswagen (VW) Group, a German multinational automotive manufacturing company comprising twelve brands from seven European countries!

Cortec® MCI® Milestones at Spring ICRI

At the 2019 ICRI (International Concrete Repair Institute) Spring Convention in April, Cortec's VP of MCI® Sales, Jessi Meyer received an ICRI Fellowship award in recognition of her significant contribution to the concrete repair industry on behalf of Cortec® MCI® over the last 20 years. Another exciting development was ICRI's announcement that its TAC (technical activities committee) had finally approved ICRI's corrosion inhibitor document for publication. This is an important document two decades in the making that highlights important guidelines and information on surface-applied corrosion inhibitors such as MCI®-2020, MCI®-2018, and MCI®-2019 for concrete. Stay tuned for updates on when this important document is finally released!



Cortec® Expands in Iceland and Egypt

Cortec® continues to expand around the world. In May, Cortec® announced that Mr. Jon Runar Sigurdsson of Cortaekni ehf had joined the Cortec® Europe team as a new distributor in Iceland. The main focus for this market will be temporary coatings and MRO industrial corrosion control products. In June, Cortec® was pleased to share the announcement of Cortec® Middle East (CME) on the

establishment of a Cortec® Egypt office. This was an important accomplishment in realizing CME's goal of providing localized corrosion solutions and support for the expanding client base in the region. Egypt is a strategic market with widespread major activities in construction, manufacturing, and oil and gas.



Bionetix® Continues to Impact the Natural Waste Treatment and Bio-augmentation Industry

Cortec's Canadian subsidiary, Bionetix® International, continues to make important strides in the wastewater treatment, cleaning, and aquaculture industries. Of special note, Bionetix® has been heavily involved in bringing natural biological solutions to Latin America:

- Joining in a Canadian trade mission in Washington, D.C., to share the results of a successful Brazilian aquaculture trial
- Attending the joint ACODAL/AIDIS water/environment/sanitation convention in Cartagena, Colombia, with Canada as the guest country of honor
- Generating interest in natural cleaning and odor solutions at ISSA Expo Limpieza in Mexico

Bionetix® also continues to release exciting success stories on applications around the globe, from supplying biologicals to start up a new batch of sludge at a local college wastewater "pilot plant," to increasing biogas production and reducing odor at two biogas plants in Japan. Stay tuned for forthcoming case histories on how Bionetix® is bringing effective natural solutions to industries around the globe. Visit our website (<https://www.bionetix-international.com/>) to learn more about this unique branch of the Cortec® group and to catch our vision for natural cleanup!

Product News

Cortec® Unveils Fresh New Design for EcoAir® Line of Air-Powered MRO Spray Products

Cortec® Corporation is excited to unveil its newly revamped EcoAir® line of surface prep and rust prevention products packaged in eco-friendly bag-on-valve spray cans. These cans are powered by air rather than traditional flammable propellants and contain some of Cortec's most popular corrosion solutions. The EcoAir® line includes options for biobased rust removal, water-based void space protection, and water-based cleaning/degreasing with flash rust protection. Of special note is the newest addition to the collection—EcoAir® Tool & Die—a rust preventative specifically designed for easier application and cleanup in the tool and die industry.

Learn more about the new EcoAir® line: https://www.cortecvci.com/whats_new/announcements/EcoAir-New-Product-Line-PR.pdf



New Improved CorShield® VpCI®-146 Paper Offers Two-Sided Protection and Great Flexibility

Cortec's premium-quality VpCI®-146 paper for corrosion protection has gotten better this year! CorShield® VpCI®-146 is now more flexible, easier to handle, and offers VpCI® protection on both sides at no price increase to the customer. This makes packaging of metal parts even easier than before, as the paper readily conforms to the shape of the object, and there is no concern about which side of the paper should face the metal.

Learn more: https://www.cortecvci.com/whats_new/announcements/VpCI-146-PR-2019-06.pdf

New Custom Perf Options on VpCI®-137 Foam Rolls!

Flexibility and convenient corrosion protection are at your fingertips with Cortec's new custom perforation capabilities for VpCI®-137 foam rolls! Rolls can be perforated to the desired sizes for easy tear-off of individual pieces. When storing or shipping metal parts, simply pull a piece of foam off the roll and insert it into whatever package you are trying to protect.

Cortec's custom perforations are available on VpCI®-137 rolls from 4 to 54 inches (10.16 to 137.16 cm) wide and up to 132 feet (40 m) long. Minimum perforation size is 4 x 4 inches (10.16 x 10.16 cm), and maximum perforation size is only bounded by the width and length of the roll. Within these ranges, Cortec® can perforate the rolls according to your custom needs, whether you desire 4 x 5 inch (10.16 x 12.7 cm) perforations on a 100 foot (30.48 m) roll or 4.5 x 33 foot (1.37 x 10.06 m) perforations on a 132 foot (40.23 m) roll. Cortec® can also do custom vertical perforations for the user who wants side-by-side pieces to tear off across the width of the roll. Customized foam rolls can be bagged or boxed as desired.

Learn more: https://www.cortecvci.com/whats_new/announcements/VPCI_137_PR.pdf

Cortec® Delivers Powerful MCI® Water/Oil/Stain Repellent While Meeting Regulatory Demands

Cortec® has again met the demands of an ever-changing regulatory landscape, now with the successful reformulation of MCI® POWR 100, a powerful three-in-one concrete surface treatment for water repellency, oil/stain resistance, and corrosion protection.

To reassure customers that the new formulation does not negatively impact the water, oil, and stain resistance of MCI® POWR 100, the product underwent multiple tests—in some cases being assessed alongside a standard silane sealer. The results of testing showed that MCI® POWR 100 still delivered the required water, oil, and stain resistance characteristics, while performing competitively and sometimes superior to a traditional silane sealer in water and oil repellency traits.¹

Learn more: https://www.cortecvci.com/whats_new/announcements/MCI_POWR_100_PR.pdf

Cortec® Laboratories, "MCI POWR 100 Efficacy Testing." Project #: 19-024-1916.public. 19 Feb. 2019, Saint Paul, MN.

EcoLine® Fifth Wheel Grease Awarded USDA Biobased Certification

Cortec® added yet another name to its growing portfolio of USDA Certified Biobased Products this summer! The newly awarded USDA Certified Biobased label signifies that EcoLine® Fifth Wheel Grease contains 91% USDA certified biobased content and qualifies for federal purchasing in accordance with the USDA BioPreferred® Program. *

Cortec's EcoLine® Fifth Wheel Grease offers an excellent biobased, biodegradable alternative to conventional all-purpose greases for lubricating metal-to-metal contact areas such as fifth wheels. It also serves as good all-purpose grease for trailer hitches, mechanical joints, and any other sliding or rolling metal-to-metal contact areas where an NLGI grade 2 EP (extreme pressure) grease is needed.

Learn more: https://www.cortecvci.com/whats_new/announcements/EcoLine_5th_Wheel_Grease_USDA_PR.pdf



Cortec® on Cutting Edge of Corrosion Protection and ESD Packaging for Electric Car Industry

When a client recently needed protective packaging for electric car components being shipped overseas, the Cortec® team banded together to meet the tight deadline and deliver high quality VpCI®-125 bags. Cortec® satisfied the client with a speedy turnaround and a packaging solution that addressed two protection concerns for these sensitive electric vehicle components:

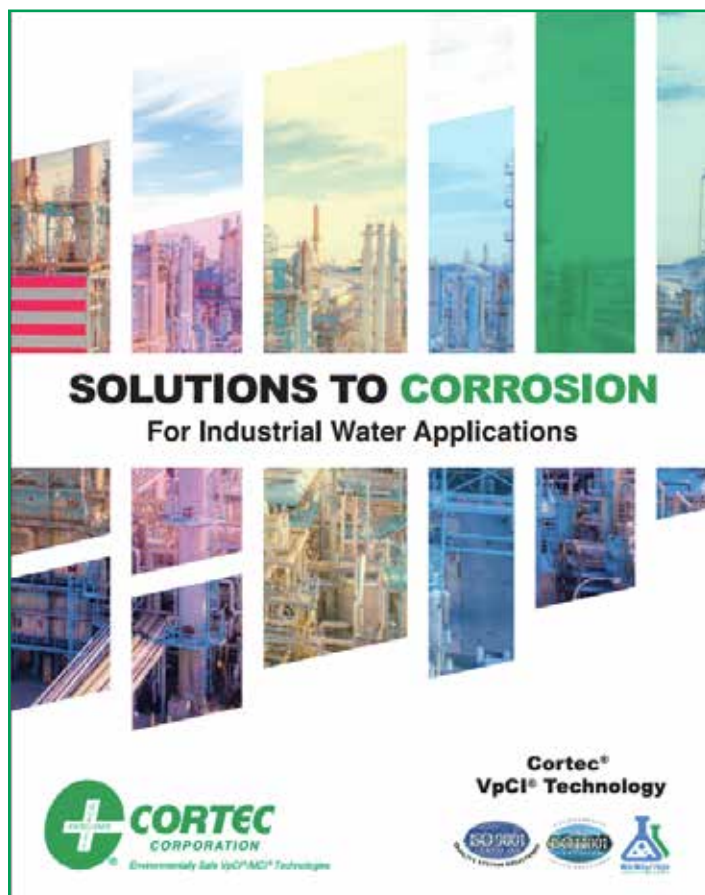
- Protection against harsh elements and fluctuating environments that could corrode metal contacts
- Protection against electrostatic discharge that could damage the electrical components

Learn more: https://www.cortecvci.com/whats_new/announcements/VpCI-125-PR-2019-07.pdf

*For more information, go to <https://www.biopreferred.gov>.

Have You Seen Our Newly Updated Resources?

This summer, with a revived emphasis on the water treatment industry, Cortec® released a fresh new website and companion brochure on Cortec's "Solutions to Corrosion



for Industrial Water Applications." The new website has a professional design and is easy to navigate according to boilers, closed loops, cooling water, additives, and specialty applications. Check out the new website to explore our solutions yourself! <https://www.cortecwatertreatment.com/>

Across the ocean in Europe, the recent expansion and development at Cortec's EcoCortec® and CorteCros® plants has prompted two brochure updates for these strategic locations in Croatia. Learn more about the vision for growth potential and improved service at the two Cortec® subsidiaries by browsing the new brochures:

EcoCortec®
http://www.ecocortec.hr/docs/brochures/EcoCortec_brochure.pdf

CorteCros®
https://www.cortecvci.com/Publications/Brochures/CorteCros_Brochure.pdf

OUT AND ABOUT

Cortec's network of reps, sales offices, and distributors reaches around the world. Here's a snapshot of where and how this network has been involved internationally in numerous industries.



Cortec® Makes Strong Showing at NACE CORROSION 2019

Cortec® raised a noteworthy voice amidst a chorus of thousands of corrosion professionals at this year's annual NACE conference, March 24th-28th at Music City Center in Nashville, Tennessee. This was marked by a strong showing in the technical symposia, where seven white papers were presented based on Cortec's technology and experiences. The conference inspired new ideas, introduced new industry connections, and gave opportunity for Cortec® friends and family to reunite in traditional Nashville "Honky-Tonk" style with live music and lots of fun!

EcoCortec® Hosts Biocompack Steering Committee

EcoCortec® was pleased to host the fourth steering committee meeting of the Biocompack CE project, April

12th-13th in Zagreb, Croatia. Twenty-one project partners from Croatia, Italy, Poland, Hungary, Slovenia, and Slovakia attended the meeting to discuss project status, plans, and different materials and applications being used in efforts to promote sustainable technologies and prevent the hazardous environmental impact of conventional plastic materials discarded in the environment. The Biocompack CE project is funded by the Interreg Central Europe programme and brings together the world of paper and plastics for these purposes. EcoCortec® is proud to be one of the project's ten international partners and looks forward to seeing everyone at one of the next meetings!

Training Continues at Cortec® University and Cortec® Academy

Two Cortec® Universities have already come and gone in the last six months. During its April 23rd-24th session, Cortec® U had record participation at World Headquarters in Saint Paul,

Minnesota. The course included tours, product and sales training, and a special presentation on experiences of working with the oil and gas industry. Another Cortec® University was held at Cortec® World Headquarters July 16th-17th with its own unique features, such as small group coaching on how to develop comprehensive integrated solutions for customers.

At the same time as the April Cortec® University, Cortec® Middle East (CME) was holding its first-ever Cortec® Academy almost halfway around the world in Dubai for team members from Egypt and Saudi Arabia. The Academy included an entire week (April 21st-25th) of business, CRM, sales, and product technical training with a final day focused on hands-on application experience at the American University in Dubai. CME also hosted a three-day Cortec® Academy in Egypt last May to equip engineers from Libya to present Cortec's full range of asset preservation solutions (including CorroLogic®) to the important regional market.

To find out more about participating in Cortec® University training at Cortec® World Headquarters, please visit: <https://www.cortecvci.com/cortec-university/>

Positive Feedback at OTC 50th Anniversary

This year's 50th Anniversary OTC (Offshore Technology Conference) May 6th-7th in Houston underscored Cortec's positive reputation in oil and gas preservation. "We had a lot of good references from current end users that have opened doors for other possibilities," said Spencer Taylor (Cortec® VP of Sales, Southern Office). In particular, he heard a number of comments about Cortec's being the go-to brand in preservation for the oil and gas market. Cortec® also appreciated the opportunities that arose from having distributors Wiki Valves, Universal Corrosion, and Atlas Industrial take turns joining Cortec® at the booth to connect with customers in their focus industries.

RIX Invites Cortec® to Help Fight Corrosion at Iron & Steel Expo

Cortec® was honored to join RIX North America in their booth at the AISTech 2019 Iron & Steel Technology Conference and Exposition, May 6th-9th in Pittsburgh, Pennsylvania. RIX, a manufacturer of rotary unions and other equipment, invited Cortec® to join them at the conference this year to address the many corrosion problems faced by iron and steel manufacturers. Scott Gregg, Assistant Manager of RIX North America, said, "having Cortec® with us there this year was definitely a highlight and definitely drew some attention to our booth." Together, Cortec® and RIX were able to offer a whole range of solutions—from rust removal to liquid rust preventatives and VpCI® packaging—for raw metal and equipment manufacturers

in need of corrosion protection on the shelf and during long periods of over-sea transport.

Cortec® Presents Two Papers at NACE Conference in Russia

The Cortec® Europe team presented two papers at the May 22nd-24th International Conference on "Corrosion in the Oil & Gas Industry," organized by NACE International and the Saint Petersburg Polytechnic University. Ivana Radic (VP of Sales, Europe) shared the paper entitled "Application of Vapor phase Corrosion Inhibitors for Contaminated Environments," and Ivana Liposcak (MCI® Technical Sales Manager, Europe) spoke about infrastructure corrosion and the role of Migrating Corrosion Inhibitors in protecting metals in concrete. The conference was attended by major industry leaders and corrosion authorities, and the Cortec® team, who attended along with Anton Shemyakin of Cortec® Rus, was able to have many beneficial meetings and interactions during the few dynamic days in Saint Petersburg.

"Following the Copper Vein" at EXPONOR Mining Conference

Cortec's "Chilean Team" maintained a years-long tradition by once again attending EXPONOR, a prominent mining conference that takes place every two years in Antofagasta, Chile. The exposition showcases global mining technology and innovations while bringing together key companies and industry specialists around the common interest of mining.

The "Chilean Team"—represented by Dario Dell'Orto, Cortec® VP of International Sales; Waldo Poblete, Ferrimex Commercial Director; and Patricio Patiño, Managing Director of Patiño y Compania—welcomed many visitors to their booth, where they featured

corrosion inhibitors for specific applications common to the mining industry. Cortec® looks forward to our next appointment together at EXPOMIN 2020 in Santiago, Chile!

Itec France Displays Cortec® VpCI® at Paris International Air Show!

Cortec's distributor Itec France shared Cortec® VpCI® solutions at the International Paris Air Show June 17th-23rd in Paris. During the week-long event, Itec's team, together with Ivana Radic, (Cortec's VP of Sales, Europe), assisted numerous potential customers, giving them insights into Cortec's solutions for the aviation industry. Products such as VpCI®-126, VpCI®-130, and VpCI®-125 are already specified by Safran, and another major aerospace company is in the process of approving other Cortec® solutions for parts preservation. The busy week promised to be a good launching point to spread business even farther in the aerospace industry.



CORTEC® CASE HISTORIES

Automotive Tool and Die Preservation

Case History 626 tells the story of how EcoAir® Tool & Die Rust Preventative was specially developed for a mold and die manufacturer who wanted to eliminate any possibility of corrosion on an expensive 40,000-pound (18,144 kg) plastic-injection mold being shipped overseas to Europe. EcoAir® Tool & Die was sprayed on the mold cavity, core, and steel surfaces. A VpCI®-309 pouch was placed inside the mold for extra VpCI® chemistry, and the entire mold was wrapped in MilCorr® VpCI® Shrink Film. EcoAir® Tool & Die did not have to be cleaned off the mold, and after a successful shipment, the mold customer requested that all molds be preserved the same way.

Read the full case history here: https://www.corteccasehistories.com/?s2member_file_download=access-s2member-level1/ch626.pdf



Washing Winter Deicing Salts off Transportation Department Vehicle Fleets

Case History 627 shares how a metro area transportation department exposed to harsh Midwestern U.S. winters battles a severe corrosion problem on plow trucks and winter road equipment. The department adopted VpCI®-406 to perform the all-important maintenance task of washing the vehicles daily. This makes a significant difference in the health of the vehicle frames and bodies, and the customer has continued using it for several years.

Read the full case history here: https://www.corteccasehistories.com/?s2member_file_download=access-s2member-level1/ch627.pdf

Protecting Cased Pipeline Crossings with CorroLogic® VpCI® Filler

Case History 628 describes the application of CorroLogic® VpCI® Filler at two cased pipeline road crossings in Saudi Arabia. These casings, intended to provide physical protection and increase ease of pipeline work, often become trouble spots that accelerate corrosion on the carrier pipeline, posing a threat to pipeline integrity. The patented two-part gel filler system was applied along with electrical resistance probes for future monitoring. CorroLogic® VpCI® Filler was considered an effective and cost-savings means to extend service life. It has now been used by major pipeline companies in North America and Saudi Arabia.

Read the full case history here: https://www.corteccasehistories.com/?s2member_file_download=access-s2member-level1/ch628.pdf



Preserving Pig Receivers

Case History 629 tells the story of preserving pig receivers that were part of a brownfield modification project. Nitrogen was not considered an effective method for preserving internals. Instead, the voids were sprayed with VpCI®-337, and the vessel was wrapped with MilCorr® VpCI® Shrink Film. VpCI®-391 was applied to exposed external surfaces. VpCI®-414 was used as needed for cleaning prior to preservation. The method preserved the assets in “as new” condition, with no rework required.

Read the full case history here: https://www.corteccasehistories.com/?s2member_file_download=access-s2member-level1/ch629.pdf

Krk Bridge Preservation

Case History 630 explains that MCI®-2020 was chosen as part of the preservation program for the current repair stage of the Krk bridge in Croatia. The aging structure is exposed to a harsh environment that takes a serious toll on the bridge, requiring constant monitoring and maintenance. The preservation project is part of a long-term plan for sustaining the Krk Bridge. Cortec® MCI®-2020 met all the project's technical requirements and was economical and easy to apply. It will play an important role in mitigating corrosion on the bridge to extend its service life.

Read the full case history here: https://www.corteccasehistories.com/?s2member_file_download=access-s2member-level1/ch630.pdf



MCI®-2005 Used in New Gulf State Park Lodge

Case History 631 shares how MCI®-2005 was an attractive corrosion-inhibiting alternative to the epoxy-coated rebar initially specified for use in the new Lodge at Gulf State Park. MCI®-2005 outperformed epoxy-coated rebar in service life prediction modeling and brought significant cost savings. It was also desirable because it is certified to meet ANSI/NSF Standard 61 for use in potable water structures and contains 67% USDA Certified Biobased Content, a quality in line with the overall project's goal to be LEED certified.

Read the full case history here: https://www.corteccasehistories.com/?s2member_file_download=access-s2member-level1/ch631.pdf

Preservation of Offshore and Land Rigs

Case Histories 632, 633, 635, 636, and 637 share various rig-stacking projects where Cortec® VpCI® solutions were used to preserve offshore equipment and land rigs. Preservation encompassed a range of void space protection, E&I (electrical and instrumentation) protection, and coating of rotating and stationary equipment. Learn about the preservation plans more in detail at the following links:

Cold Stack Preservation of Jack-Up Rig – https://www.corteccasehistories.com/?s2member_file_download=access-s2member-level1/ch632.pdf

Preservation of Land Rig in Iraq – https://www.corteccasehistories.com/?s2member_file_download=access-s2member-level1/ch633.pdf

Preservation of Land Rig in Kuwait – https://www.corteccasehistories.com/?s2member_file_download=access-s2member-level1/ch635.pdf

Preservation of Offshore Wellhead Towers – https://www.corteccasehistories.com/?s2member_file_download=access-s2member-level1/ch636.pdf

Preservation of Land Rig in Saudi Arabia – https://www.corteccasehistories.com/?s2member_file_download=access-s2member-level1/ch637.pdf



Preservation of Synchronous Motor Generator and Accessories

Case History 634 contains the story of preserving a synchronous motor generator and accessories during sea transport from Qatar to Italy. The oils and greases that the customer tried were not effective, so the customer switched to using VpCI®-137 foam for internal components and VpCI®-329 for exposed parts. The entire unit was wrapped with MilCorr® VpCI® Shrink Film. Read the full case history here: https://www.corteccasehistories.com/?s2member_file_download=access-s2member-level1/ch634.pdf

Corrosion Protection of Railway Electrical Piers

Case History 638 describes the restoration of 200 electrical piers that need to be protected against further corrosion at the Beograd and Zemun railway stations in Serbia. The customer adopted CorrVerter® Rust Converter Primer as a substitute for blasting on the pre-existing rust and top-coated this with VpCI®-396 Aluminum.

Read the full case history here: https://www.corteccasehistories.com/?s2member_file_download=access-s2member-level1/ch638.pdf



Vessel Preservation

Case History 639 shares how Cortec® provided a satisfactory preservation solution for 54 vessels/tanks needing to be shipped from Italy to Calcasieu (USA) for an LNG production project. Pressure washing with VpCI®-418 LM at 5% allowed the customer to work on the tank without corrosion problems during production. Placing Bio-Pad® inside each tank before shipment provided environmentally responsible corrosion protection during transport and al-

lowed for easy removal when necessary.

Read the full case history here: https://www.corteccasehistories.com/?s2member_file_download=access-s2member-level1/ch639.pdf

Restoration and Protection of Truck and Car Rims

Case History 640 is the story of restoring corrosion-damaged vehicle wheel rims and preserving them for long periods of outdoor storage. The process involves removing loose rust and applying CorrVerter® to passivate any remaining rust. After this dries, VpCI®-396 Aluminum is applied as a topcoat. VpCI®-368 D is applied last of all for outdoor storage protection. The customer is very satisfied and uses the products in his daily business.

Read the full case history here: https://www.corteccasehistories.com/?s2member_file_download=access-s2member-level1/ch_640.pdf



Preservation of Metal Profiles During Storage and Shipment

Case History 641 is about a customer with corrosion problems that developed on metal profiles during storage and transport to the end user. The customer started applying VpCI®-325 and was very satisfied with the economical and effective product used to solve the problem.

Read the full case history here:

https://www.corteccasehistories.com/?s2member_file_download=access-s2member-level1/ch641.pdf

CORTEC® IN THE PRESS

Browse some of our recent articles published in industry magazines for more tips on applied corrosion protection:

[“Grease reduces contamination concern”](#) – Australian Pipeliner, April 2019:

Introduces EcoLine® Drilling Rod and Wire Rope greases as good biobased, biodegradable options for lubrication in environmentally sensitive areas of the oil and gas industry.

[“Sustaining wind farms in the face of corrosion”](#) – PCE International Special Report, April-June 2019:

Discusses Cortec® VpCI® coatings and MCI® solutions used to fight corrosion at a wind farm in Brazil.

[“Enhancing Durability of Stone Cladding Corrosion Restoration and Repair”](#) – Concrete Repair Bulletin, May/June 2019:

Includes several case histories where MCI® was used to mitigate corrosion problems common to stone-clad buildings in Israel.

[“Pigging with multiphase corrosion inhibitors”](#) – Australian Pipeliner, July 2019:

Discusses the option of applying VpCI® 637 multiphase corrosion inhibitor to pipelines by pigging before mothballing.

[“Working with Suppliers to Minimize Corrosion Between Manufacturing and Installation”](#) – Process Cooling, July/August 2019:

Presents practical questions to ask and practical VCI protection methods to use when protecting heat exchangers, boilers, and other vessels from corrosion before installation.

UPCOMING EVENTS

Cortec® World Sales Meeting

October 2nd-4th, 2019

Saint Paul, Minnesota

<http://www.cortecwsm.com/>

ICRI 2019 Fall Convention

November 11th-13th, 2019

Doubletree Hilton Philadelphia Center
Philadelphia, PA

<https://www.icri.org>

FABTECH 2019

November 11th-14th, 2019

McCormick Place
Chicago, IL

Booth # B10033

<https://www.fabtechexpo.com/>

Power-Gen International 2019

November 19th-21st, 2019

Ernest N. Morial Convention Center
New Orleans, LA

Booth # 4124

<https://www.power-gen.com>

International WorkBoat Show

December 4th-6th, 2019

Morial Convention Center
New Orleans, LA

Booth # 3905

<http://www.workboatshow.com>

SSPC

February 3rd-6th, 2020

Long Beach Convention Center
Long Beach, CA

Booth # 1252

<http://www.sspc.org>

World of Concrete

February 4th-7th, 2020

Las Vegas Convention Center
Las Vegas, NV

Booth # 12050

<http://www.worldofconcrete.com>

NACE Corrosion Conference & Expo

March 15th-19th, 2020

George R. Brown Convention Center
Houston, TX

Booth # 1715

<http://www.nacecorrosion.com>

American Coatings Show

March 31st-April 2nd, 2020

Indiana Convention Center
Indianapolis, IN

Booth # 1273

<http://www.american-coatings-show.com>

Offshore Technology Conference

May 4th-7th, 2020

NRG Park
Houston, TX

Booth # 4622

<http://www.otcnet.org>

Cortec® Corporation



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. This brochure can be recycled.



Laboratory Accreditation (ISO/IEC 17025)

Cortec® Laboratories, Inc. is the only lab in our industry that has received ISO/IEC 17025 Certification, which ensures quality in recording and reporting data, as well as calibrating equipment within the laboratory.



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