

August 2014

CORTEC Vision

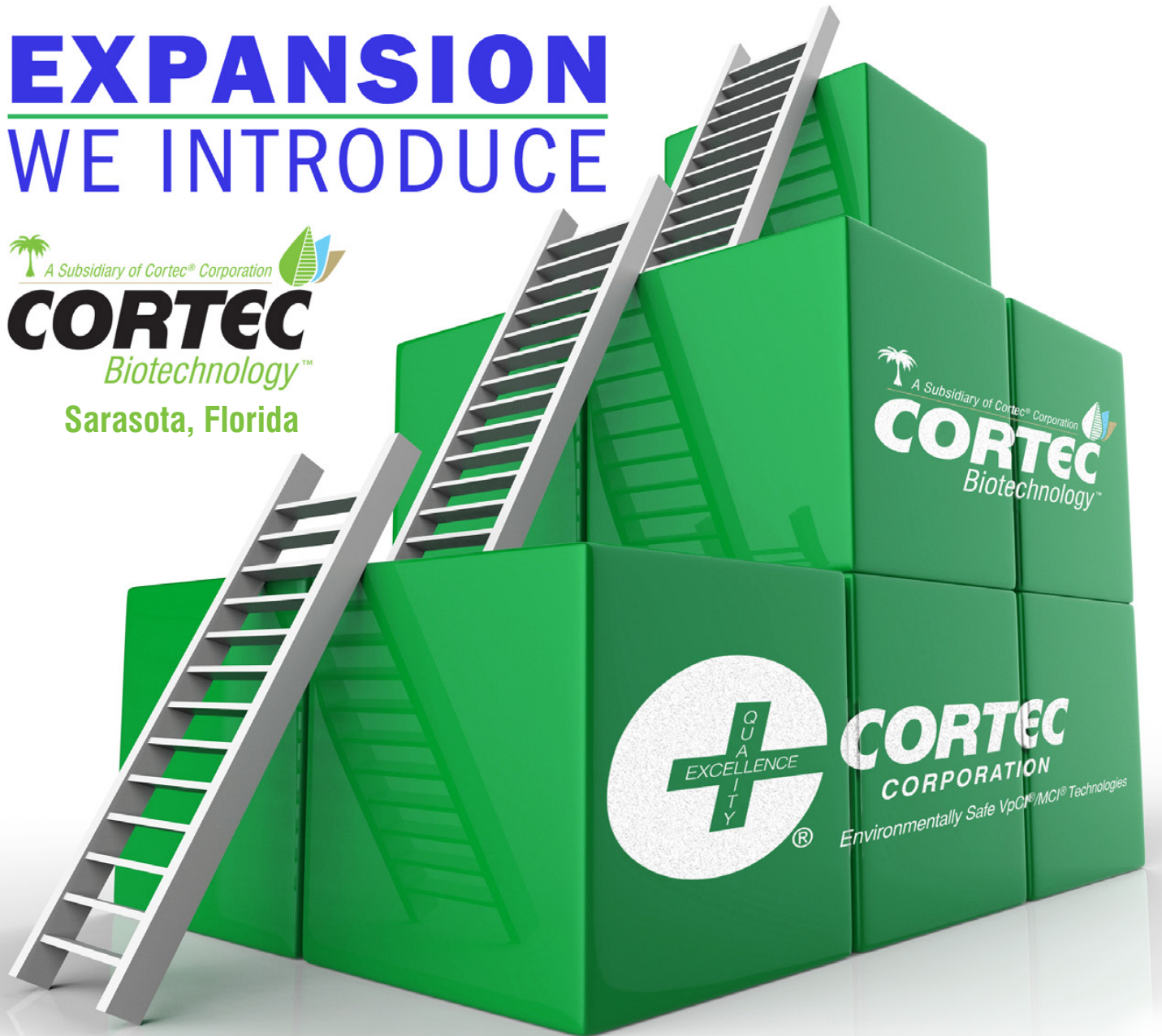
EXPANSION WE INTRODUCE



A Subsidiary of Cortec® Corporation

CORTEC
Biotechnology™

Sarasota, Florida



CORTEC
CORPORATION

Environmentally Safe VpCI®/MCI® Technologies



ISO/IEC-17025
LABORATORY TESTING CERTIFIED



Cortec Biotechnology Sarasota, Florida

With the completion of its latest acquisition, Cortec® Biotechnology Campus, Cortec® Corporation and its subsidiaries are the world's largest producer of VCI, Vapor phase Corrosion Inhibitor (VpCI®), and Migratory Corrosion Inhibitor (MCI®). This new Campus at 2420 Trailmate Drive, Sarasota, Florida USA, is located in the modern industrial park of Parkland Centre near the Sarasota-Bradenton International Airport. It is the most state-of-the-art research facility, with 36,000 square feet (3,600 square meters) of office, manufacturing, warehouse, and two laboratory areas under one roof.

Cortec® Biotechnology Campus will be equipped with cutting edge equipment for the manufacturing of Cortec's Nano-VpCI® coatings and Bionetix's bioremediation and cleaning products. Part of the warehouse will be designated for warehousing and shipping of Cortec® products that are deemed "freezable" and cannot be shipped out of our Minnesota or Wisconsin plants during the winter months. With operations in over 100 countries on 5 continents we know our warm climate partners will be very happy about this. This complex will also house two modern laboratories for biotechnology and marine corrosion research as well as sales and customer support offices for the Southeastern US, Caribbean, and Central and South Americas. With the proximity of the shipping ports in Tampa and Miami, and the Sarasota and Tampa international airports, this Florida location is attractive for Cortec® as it brings us closer to our customer base.

Industrial development is humming in Florida as companies are discovering Florida's flourishing business climate. \$777 billion in gross domestic product puts this State as the 4th largest in the United States. The tax climate and 0% personal income tax provide a rich situation for businesses to flourish. The efficient regulatory environment and competitive costs make it easy to grow in Florida and succeed.

With this latest expansion in Florida, Cortec® Corporation now has 400,000 square feet (40,000 square meters) of prime space total, between its 6 plants and the Corporate Technical Center in St. Paul, Minnesota, United States and one plant each in Montreal, Canada, and Beli Manastir, Croatia. All these facilities combine the power of science, technology, and chemistry to make Cortec® the most innovative manufacturer in our industry.



From Left: Boris Miksic, President/CEO, Ines Miksic, Cortec® Board Member holding Munchkin, Cortec® Mascot, and Mike McGroarty, Vice President US Bank St. Paul, Minnesota.



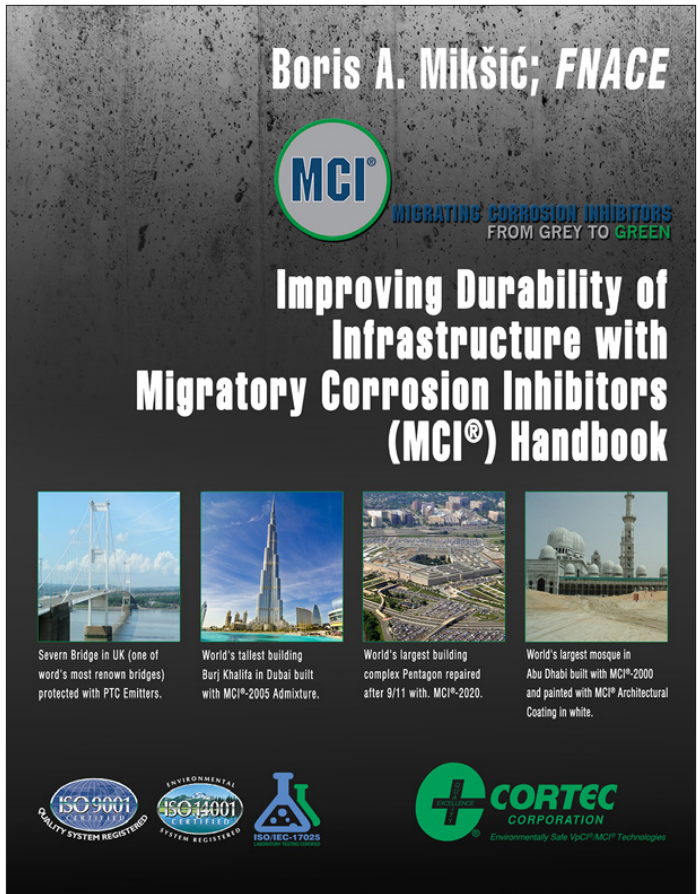
From Left: Cortec Biotechnology Campus first International visitors Ivan Rogan and Andrej Tausic.

Cortec's 1st Edition: Improving Durability of Infrastructure Migratory Corrosion Inhibitors (MCI®) Handbook

Cortec® and author Boris Miksic, FNACE have published the first edition of "Improving Durability of Infrastructure with Migratory Corrosion Inhibitors (MCI®) Handbook". With years in the research, writing, and compilation of all the technical data, this volume provides a strong evidentiary basis beyond any previously issued book on this matter. This guide provides valuable information, proven solutions, and extensive new support for the construction industry. In this 970 page manual you will find studies, testing, publications, case histories, and more supporting the efficacy of Cortec's Patented MCI® technology.

All around the world, concrete structures undergo deterioration due to the ingress of moisture, chloride ions, and carbon dioxide (CO₂). With structures being used longer than their original design life, the result has been grave consequences to human life and our environment. Recognizing a need for proper maintenance of existing structures and improvement in the design of new constructions, Cortec® MCI® solutions offer protection; making this publication all the more timely and important. For decades many of the world's largest and most respected global companies have relied on Cortec® information, services, and products for preservation, repair, and restoration of their concrete structures. NOW, all the information providing what is needed has been amassed in one collection. We have experts stationed worldwide, ready to offer full-scale recommendations, application assistance, and technical support. As always, Cortec® is committed to quality and excellence.

Cortec's 1st Edition of "Improving Durability of Infrastructure with Migratory Corrosion Inhibitors (MCI®) Handbook" is available for FREE through the company's website located at: www.cortecinfrastucture.com



ISO 9001 Certification

Cortec® Corporation Celebrates 20 Years

Cortec® Corporation, one of the first companies to be certified in Minnesota, marks 20 years of continuous compliance to ISO 9001 this year. Cortec® has been ISO 9001 certified since 1994, which demonstrates its dedication to total quality and excellence once again. Stronger than ever, Cortec's effective management initiatives provides assurance that our impact is being monitored to control the effects on quality and customer service. It is our goal to constantly improve our performance.



New Product

VpCI®-143 Paper Emitters

Cortec® offers another new innovative product to its line of corrosion control papers for packaging, VpCI®-143 Paper Emitters. These emitters are a convenient and cost effective solution to corrosion problems. The unique vapor action of Cortec's patented VpCI® forms a thin, effective protective layer reaching all metal surfaces to provide complete corrosion protection. The inhibiting coating does not alter the appearance of products or require removal before further finishing or use. The paper is coated on both sides for fast vaporization, excellent contact protection, and superior corrosion protection for both ferrous and non-ferrous metals.

Made from the highest quality recycled neutral, natural Kraft linerboard, VpCI®-143 Paper Emitters are fully recyclable / repulpable. These easy to use, environmentally safe, non-toxic paper emitters are made without the use of chlorine or other chemical bleaching, which eliminates package contamination. VpCI®-143 Paper Emitters are biodegradable; and do not contain any nitrites, phosphates, silicates, or other hazardous compounds.

Cortec® VpCI®-143 Paper Emitters are a very convenient way to protect products for storage and shipment. With VpCI®-143 Paper Emitters there are no chemical concentrations to calculate, no chemical tanks or application systems to maintain. Use approximately One 1" x 1" (6.4 cm²) emitter for every 25 cubic inches (390 cm³) of void space. Just keep the VpCI®-143 Paper Emitters as close to the surface of the product as practical. For long-term storage of up to ten years, enclose the product (with the emitters) in an airtight package.

Typical applications are for packaging of finished products: engines, machinery, equipment, tools, hardware, appliances, instruments, motors, electrical and electronic components, and controls. Parts protected with VpCI®-143 Paper Emitters can be painted, welded, and soldered. The protective layer does not influence physical properties of most sensitive electrical components, including conductivity and resistance.



Preservation, Lay-up and Mothballing Handbook displayed in the New Books section of NACE's bookstore at Corrosion 2014 in San Antonio. The Handbook is available for purchase to NACE's 33,000 members through their internet bookstore.



New Products

M-141

Coating Additive

M-141 is an additive that can be used in aqueous acrylic emulsions and polyurethane dispersions to improve corrosion resistance and durability. Using M-141 will increase water resistance, coating hardness, substrate adhesion, and chemical resistance.

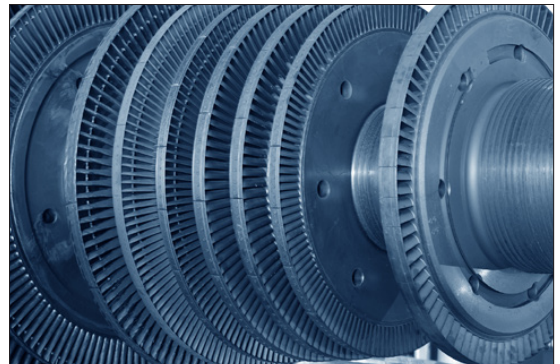
It functions as a cross-linker to increase the cohesive strength of a coating by building a network between the polymer chains increasing abrasion resistance and film hardness. M-141 reacts with the protective film to provide better adhesion and permeability properties; which in turn helps increase the corrosion resistance of a coating.



M-532

Oil Based Corrosion Inhibitor

M-532 is an oil-based package of corrosion inhibitors for petroleum and synthetic lubricants. This product provides outstanding non-staining properties with excellent demulsibility and filterability. M-532 is a yellow metal friendly version of M-531. It is recommended when a system contains mostly yellow metals and their protection is essential.



Cortec Middle East 1st Annual Meeting July 10-11, 2014. The meeting covered strategic discussions, technical training, leadership coaching and experience sharing.



New Application Guides Available for Cortec® Products and Processes Cortec® Technical Service

In an effort to make the application of Cortec® products effective, efficient, and easier, Cortec's Technical Service and Sales teams have been working together on updating and expanding existing application guides, while also creating new guides. We are in the process of creating application guides for Cortec® products within all lines; Packaging, High Performance Coatings, Surface Preparation, and others. These guides are for usage of specific products like VpCI®-422, or a more general process such as:

- Shrink wrapping with MilCorr® or VpCI®-126 Shrink Films
- Fogging with VpCI®-337 or VpCI® powders
- Rust removal with VpCI®-422, 426, or 429

To inquire about specific application guides, as well as to provide feedback, please contact:
Caleb Pheneger – cpheneger@cortecvci.com or Andrew Wroblewski – awroblewski@cortecvci.com.

We are always looking for insight on these documents and would welcome any feedback or suggestions

Ecuadorian Engineers Visit Cortec®

Cortec® headquarters in Minnesota USA was honored to host a delegation of Ecuadorian Engineers accompanied by Francisco Hidalgo, executive of Codemet, Cortec's Distributor in Ecuador.

Our guests participated in two days of seminars covering Cortec® Corporation's history, evolution, global footprint, and the development of corrosion protection. Jessi Meyer and Dario Dell'Orto provided a focus on MCI® technology, including chemistry, testing, and international references.

The visit provided an excellent opportunity for a very productive and informative sharing of experiences taking into account the vast and diversified professional experience of Cortec's guests and the numerous MCI® applications already existing in Ecuador both for new construction and repair projects.

A detailed tour of the manufacturing plant guided by Tim Bliss and a visit to the R&D laboratory with Dr. Margarita Kharshan gave an additional occasion for the visitors to address multiple topics while directly interacting with Production and Lab specialists. Moreover, it was possible to see one of the oldest MCI® repair applications, the Randolph Avenue Bridge, which was treated with MCI® over 27 years ago.

Cortec® wants to express our sincere thanks and appreciation to our distinguished guests for their genuine interest during the Seminar. Last but not least, congratulations for the valor of our visitors who experienced one of coldest, chilling, sub-zero Minnesota winters ever. Thank you to all and welcome back... in spring/summer time!



The 10 Original Cortec® Products Still Going Strong

It has been 36 years since Cortec's founding in October of 1977 and taking a look back we see 10 original products that are enduring. These unique 10 have stood the test of time and are still best sellers! President/CEO and originator of the company, Boris Miksic, had this to say "This is proof that the vision we had then is alive and well and these products are still far ahead of the competition". Today, Cortec® has over 400 environmentally friendly VpCI®/MCI® products available worldwide. Boris' vision has continuously been focused on the growth of Cortec® through innovations and applications to provide the best corrosion control solutions to our customers, keeping our products competitive in the world market. Below are the best-selling original 10 Cortec® products.



VpCI®-101



**VpCI®-150 and
VpCI®-170**



ElectriCorr® VpCI®-238



**VpCI®-309
Nitrite Free Powder**



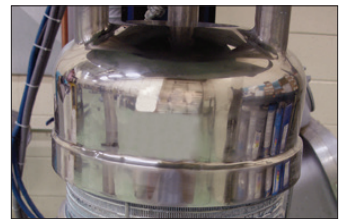
Ecofog® VpCI®-337



VpCI®-369



Cor-Pak® VpCI® Tablets



**VpCI®-422 and
VpCI®-423 Gel**



Cortec's booth at NACE 2014 in San Antonio.
Left to Right: Jessi Meyer, Spencer Taylor, Ming Shen, Boris Miksic, Cliff Cracauer, Usama Jacir, PK Mathew, and Caleb Pheneger



Two ladies Ines and Ming having fun networking at the MESA/Cortec party at the historic Alamo during NACE 2014 Convention in San Antonio, Texas.

Customer Service Team Lead at CHQ

Joe Yach



Customer Service Team Lead at CHQ, comes to Cortec® with extensive Customer Service leadership experience at Medtronic and recently at Covidien.

Reminder: **European Sales Meeting**

*October 8 – October 10
Budepest, Hungary and
Beli Manastir, Croatia*

South America Sales Meeting

*October 25 – October 27
Medellin, Colombia*

Asia Sales Meeting

*November 19 – November 21
Waikiki Beach, Honolulu, Hawaii*

Upcoming Trade Shows

EUROCORR 2014

SEPTEMBER 8-12, 2014
PISA, ITALY
www.eurocorr2014.org

LATINCORR 2014

OCTOBER 20-31, 2014
BOOTH # 82
MEDELLIN COLUMBIA
www.latincorr2014.org

PACKEXPO 2014

OCTOBER 26-29, 2014
BOOTH # 6102
CHICAGO, IL
www.packexpo.com

ASSOCIATION OF WATER TECHNOLOGIES ANNUAL CONVENTION AND EXPO 2014

OCTOBER 29-NOVEMBER 1, 2014
BOOTH # 607
FORT WORTH, TX
www.awt.org

POWERGEN 2014

DECEMBER 16-18, 2014
ORLANDO, FL
BOOTH #3261
www.power-gen.com



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