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Brazilian Engineers and Cortec® share insights on Reinforced Concrete Corrosion Protection

On March 26th-27th, 2026, a group of Brazilian civil engineers alongside Matheus Rocha da Silva and Víctor Chiari of CorrBrasil attended a training on Migrating Corrosion Inhibitors (MCI®) at Cortec® Corporation World Headquarters.

The engineers—Paulo Fernando, Thomas Carmona, and Eduardo Funahashi from São Paulo; Igor

Portella and Leonardo Passos from Belo Horizonte—are consultants involved in “concrete pathology,” dealing with the specifications for reinforced concrete used in multiple civil constructions designs.

The two-day training covered MCI® mechanisms and MCI® products used as admixtures in new construction or as surface applications for rehabilitation of damaged surfaces.

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From Road Expo to Suspension Bridge Visit

It is interesting how one road leads to another, both literally and figuratively.

One of our most recent MCI® journeys started back in November at the Road Expo Scotland, where Ivana Liposcak (MCI® Technical Sales Manager, Europe) gave a presentation on using Migrating Corrosion Inhibitors to extend the service life of structures like the Severn Bridge in the UK. The response was great and traffic was heavy at the MCI® booth, where Scott Constantin (Preservation Manager at Presserv Scotland) joined Ivana to help field questions and make local contacts with many contractors, inspectors, precast manufacturers, and others involved in UK infrastructure—including reps from a local bridge maintenance contractor.



Ivana's Road Expo presentation highlighted the Severn Bridge



Thanks to Scott Constantin (right) for booth support

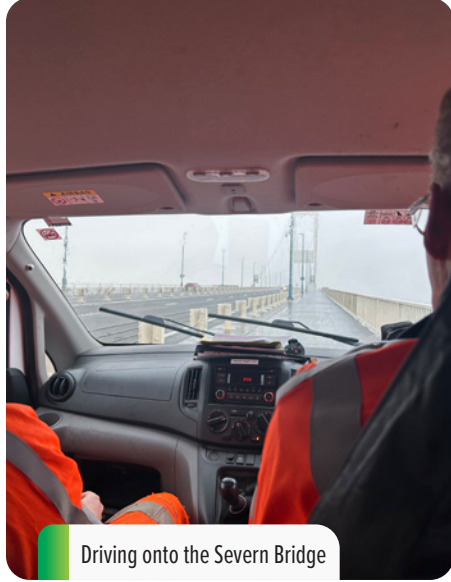


Even Clyde the Cow (mascot for Glasgow Warriors rugby team) stopped by the booth!

The Road to Severn Bridge

Shortly after the convention, Ivana reached out to longtime Cortec® distributor Dean Kenny (Lake Engineering Solutions) to check on the last MCI® PTC Emitters order used to support the Severn Bridge's dehumidification-based corrosion protection system.

That's when they uncovered an interesting connection: Ivana had met the same company that currently holds the Severn Bridge maintenance contract and has been ordering MCI® PTC Emitters from Lake since 2020. This opened the door for Dean and Ivana to visit the bridge in person and observe the MCI® PTC Emitters changeout—an opportunity few, if any, Cortec® employees or reps had ever experienced since the MCI® PTC



Driving onto the Severn Bridge

Emitters were adopted in 2008.

Onsite Visit

In early February, Dean and Ivana headed to the iconic bridge, completed safety training, and joined the maintenance crew at 7 a.m. to watch the MCI® PTC Emitters replacement process firsthand. Beyond the excitement of touring a historic 1960s bridge that helped redefine suspension bridge engineering, the visit reinforced the long-term success of a cable protection strategy that earned the *Materials Performance Readers' Choice Award* in 2013. Continuous use over a period of 20 years confirms the stability and reliability of the system, providing a foundation for the preparation of a long-term performance study.

MCI® PTC Emitters are breathable pouches of Migrating Corrosion Inhibitors designed specifically in answer to concerns about corrosion on the suspension cables of the Severn Bridge. They are added to the dehumidification system twice a year for enhanced protection of cables, complementing a passive protection strategy (dehumidification) with proactive corrosion inhibition (Migrating Corrosion Inhibitors diffuse throughout the enclosure and form a



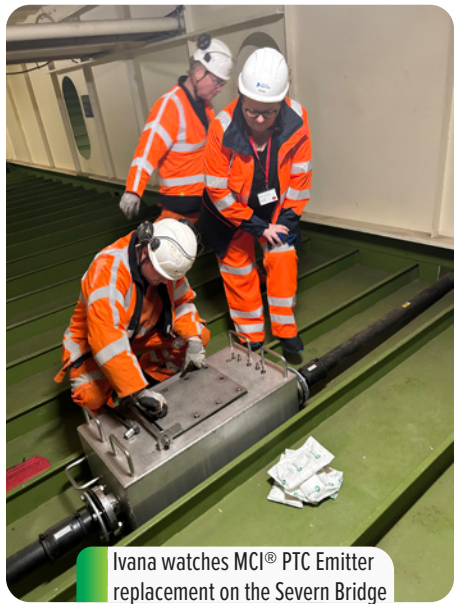
Dean Kenny and Ivana Liposcak enjoyed an onsite maintenance visit to the Severn Bridge



protective molecular layer on the wire surfaces).

A Tailored Solution with Widespread Potential

While MCI® PTC Emitters are a tailored solution for the Severn Bridge, they represent a viable solution for enhanced protection on similar suspension bridges around the world. With strengthened connections to those directly involved in the application of MCI® PTC Emitters, we're looking forward to new potential for more visits, more data, and more opportunities to share this innovative corrosion protection solution with suspension bridges around the world!



Ivana watches MCI® PTC Emitter replacement on the Severn Bridge

Out & About

In the Air and on the Road in Asia

In August, MCI® Technical Sales & Product Manager Ashraf Hasania traveled to Bangkok, Thailand, to support our distributor Optimal Tech at Build Beyond, an event dedicated to collaboration and innovation in the construction sector. The one-day conference welcomed 500 attendees and featured 20 exhibitors showcasing forward-thinking technologies for the industry. Ashraf's presentation on MCI® sparked strong interest from contractors and dry-mix manufacturers, generating several promising leads for Optimal Tech.

On his way to the event, Ashraf made

a stop in Kuala Lumpur, Malaysia, where KY Gan, Regional Sales Manager for Cortec® Southeast Asia, took time to show him around the city. Despite the long travel and inevitable jet lag, the trip was filled with meaningful conversations and invaluable face-to-face connections.

Most of all, this journey highlighted something we deeply value: the dedication of our distributors and regional representatives. Their ongoing efforts, local expertise, and commitment to the Cortec® mission make our presence in Asia stronger. We are truly grateful for their hard work and the energy they bring to expanding MCI® solutions throughout the region.

Cortec® on display at the Optimal booth at Build Beyond

Ash Hasania and KY Gan by Petronas Towers: KY Gan (left) shows Ashraf (right) the Petronas towers on his way to Bangkok



We're grateful for the efforts of Optimal Tech to share MCI® solutions in Thailand!

Out & About

Concrete Repair on the Magnificent Mile

This year's ICRI Fall Convention found itself near Chicago's Magnificent Mile, an iconic hotbed for modern architecture. Jessi Meyer (VP of Sales) kicked off the week at the Women in ICRI reception. Later, she joined Ashraf Hasania and others for the main sessions of the biannual gathering of International Concrete Repair Institute (ICRI) professionals.

A special highlight was the Chicago Chapter River Boat Architecture Tour, which took Jessi, Ashraf, and a handful of other ICRI members along waterways to see a sampling of classic Chicago architecture—from 100-year-old Art Deco buildings to modern skyscrapers. Tuesday found the MCI® team at the ICRI Project & Safety Awards Luncheon, followed by an evening dining experience on the 99th floor of the Willis Tower, the second-tallest building in the Western Hemisphere, where they had a chance to step out on "The Ledges," an all-glass viewing area with stunning views of the city.

In between these big events, team members found time to

attend meetings for Committee 510 (Corrosion), Committee 320 (Concrete Repair Materials and Methods), and Committee 160 (Life Cycle and Sustainability) in addition to chatting with industry professionals who stopped by the Cortec® MCI® tabletop booth.

Before long, it was time for the ICRI Spring Convention in March in Nashville, Tennessee, where Ashraf had his first experience running a committee meeting as Vice Chair when the Chair was unable to attend.



Ashraf at ICRI Fall Convention in Chicago

MCI® News

Jessi Meyer in the ICRI Spotlight

We are proud to celebrate Jessi Meyer's feature in the "Women in ICRI Spotlight" for the January/February 2026 *Concrete Repair Bulletin*.

Jessi's 25-year journey in concrete corrosion protection began when she joined Cortec® as a technical service engineer. Since then, she has steadily expanded her expertise into sales, strategic development, and marketing—always bringing dedication, curiosity, and leadership to every role she takes on.

The spotlight highlighted several major career achievements, including her involvement in the Pentagon repair and her active contributions to ICRI committees and guideline development. These efforts have helped elevate not just Cortec®, but the broader industry as well.

We extend our warmest congratulations to Jessi on this well-earned recognition. Her work—along with the ongoing partnership and support of our distributors and representatives—demonstrates how much stronger we become when we move forward together.

Read the full spotlight here: <https://mydigitalpublication.com/article/Women+in+ICRI/5103254/860201/article.html>



Jessi Meyer was recognized in the January/February Concrete Repair Bulletin



The ICRI MN Chapter enjoyed a lakeside tour of classic Chicago architecture with other ICRI members (Jessi second row, center)



MCI® Case Histories

Case History #866: Ferrol High-Rise Repair

We're grateful for the work of our distributor Quimilock s.a., who, along with the Spanish ready-mix supplier Molins, played an integral role last year in the repair of a reinforced concrete high-rise apartment near the Ferrol estuary in Spain. While structural integrity was still good, urgent repair was needed where concrete had been deteriorating for years due to shallow concrete cover. Part of the job included adding [MCI®-2006 NS](#) to

the repair mortar used to restore the surface. An anti-carbonation coating was used as a finishing touch, joining MCI® as part of the broader strategy to enhance future protection and ensure a longer service life of the repair. As a special bonus, Molins Construction Solutions created a bonus video highlighting many different angles of the project.

Watch the video here: www.youtube.com/watch?v=bwSq9fBTHpY. Log in to read the rest of Case History #866 here: www.corteccasehistories.com.



Case History #864: Seaside Villa Construction

If you were to build a new reinforced concrete house near the sea, would you be concerned about the corrosive effects of a marine environment? These thoughts led a private investor to include [MCI®-2005](#) in the design of a new villa in Croatia. The walls, floors, and stairs were made entirely of concrete. MCI®-2005 was mixed into the C30/37 concrete at the batching plant to help raise the chloride threshold and delay time to the first corrosion-related repair. This simple step will play an important role in enhancing the durability of the structure in a harsh coastal environment.

Log in to read the rest of Case History #864 here: www.corteccasehistories.com.

More Photos of the Brazilian Engineers Visit!



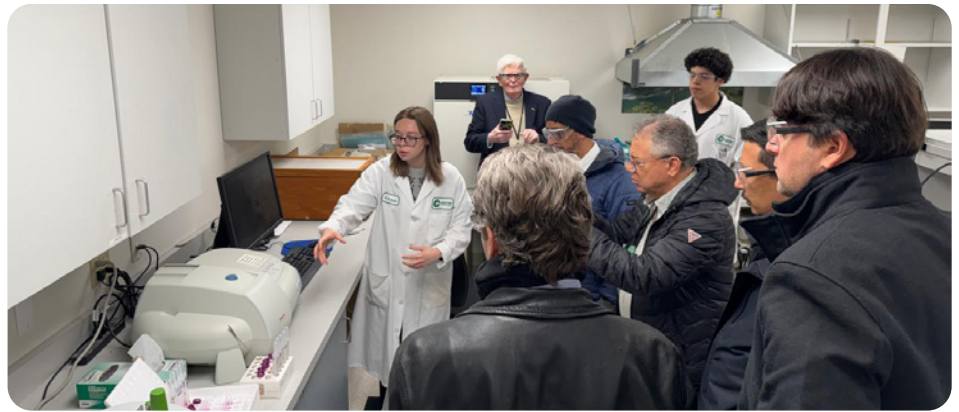
The extensive experience of the attendees helped generate a broad array of questions. The goal was to better understand and envision how MCI® technology can be used to solve multiple engineering challenges that have corrosion impact as a common factor and to ensure the durability of structures in the most diverse and/or aggressive environmental scenarios.

The tour of Cortec Laboratories® (which holds ISO 17025 accreditation) gave visitors the opportunity to become familiar with a variety of testing methods, including ASTM standards, used for materials such as packaging films, surface preparation products, and coatings. Our guests even did their own hands-on testing!

Special focus was dedicated to concrete testing. This included ASTM G180, an electrochemical test used to demonstrate corrosion inhibitor performance, as well as FTIR analysis to identify the presence of specific chemical compounds. Our visitors were also able to visualize additional concrete slab tests that are essential to determining the durability of concrete structures. One of the most significant was ASTM G109, used to assess admixtures designed to inhibit chloride-induced corrosion of reinforcing steel and referenced as a part of ASTM C 1582.

A Cortec® manufacturing plant tour was useful to see and understand how a corrosion inhibitor's manufacturing process is done in its multi-phase steps.

Finally, an ample showcase of works



in the USA, Europe, Middle East, and Latin America was presented together with numerous cases in Brazil to integrate MCI® technology with real-world applications done over the last 30 years or more.

Last but not least, the group visited three bridges in the Twin Cities: first, the Randolph Bridge, whose deck repair was the first MCI® application in Minnesota back in 1986; second, the Wakota bridge over the Mississippi River in South St. Paul; and finally, the St. Croix River Crossing bridge that connects Wisconsin and Minnesota, where MCI® inhibitors were used to protect the PT (post-tensioning) cables. These visits gave a factual



demonstration of MCI® technology validity in real life.

We are pleased to thank these Brazilian engineers and CorrBrasil for their genuine interest demonstrated throughout the whole training, which ultimately resulted in excellent mutual enrichment, professionally as well as from a human standpoint.

Upcoming Events



EOS/ESD 2026
September 26th–October 1st, 2026
 Frisco Hotel & Convention Center
 Frisco, TX
www.esda.org



CORTEC® WORLD SALES MEETING
October 7th–9th, 2026
 St. Paul Hotel
 St. Paul, Minnesota



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Keywords: MCI newsletter, concrete durability, Severn Bridge, suspension bridge corrosion, deicing salt corrosion protection, award winning parking structures, Asia construction market, Cortec, concrete durability solutions, infrastructure preservation technologies