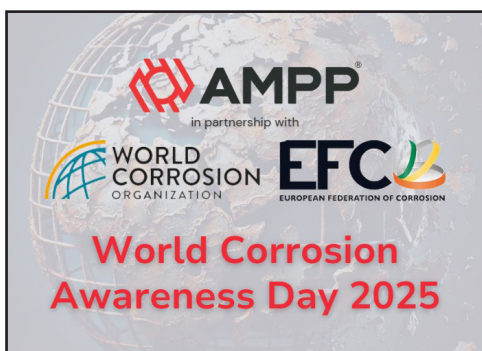# NEWS ALERT

ISO 9001 • ISO 14001
ISO/IEC 17025

INCREASE YOUR CORROSION AWARENESS AT A GLANCE

If we ignore corrosion, will the problem go away? No! In fact, lack of awareness often makes the problem worse. The World Corrosion Organization, AMPP, and the European Federation of Corrosion are trying to solve that deficiency by marking World Corrosion Awareness Day on April 24th. We invite you to participate by reviewing and sharing the following corrosion facts at a glance!

How Does Corrosion Occur?

In simple terms, corrosion is metal trying to return to its original form (e.g., steel returning to iron oxide as it is found in nature). Typically, this happens when metal, oxygen, and an electrolyte (e.g., water) combine.

How Much Does Corrosion Cost?
- Estimated direct cost of corrosion: 2.5 trillion USD (3.275 trillion USD, adjusted for inflation) = 3.4% of 2013 global GDP
- Estimated potential savings from corrosion control: 15-35%

What Real Life Problems Does Corrosion Bring?
- Unplanned downtime (and lost productivity)
- Increased maintenance and operational expenses
- Reduced equipment/structural lifespan
- Safety risks from faulty equipment
- Inefficient WIP (work-in-progress) cycles
- Unhappy customers

What Are Some Simple Ways to Slow Down Corrosion?
- Package metal parts with VpCI® papers, films, and/or emitters for shipping or storage

Cortec® Corporation is the global leader in innovative, environmentally responsible VpCI® and MCI® corrosion control technologies for the Packaging, Metalworking, Construction, Electronics, Water Treatment, Oil & Gas, and other industries. Headquartered in St. Paul, Minnesota, Cortec® manufactures over 400 products distributed worldwide. ISO 9001, ISO 14001, and ISO 17025 Certified.

CORTEC CORPORATION
Environmentally Safe VpCI®/MCI® Technologies

- Place VpCI® emitters in electrical cabinets during operation
- Incorporate MCI®-2005 in your concrete mix at the time of construction
- Use a Cortec® "reptile" for seasonal layup of your boiler or cooling system
- Apply a Cortec® coating for an extra layer of protection on your heavy equipment during annual preventative maintenance
- And much more!

People often don't realize how problematic corrosion is until it's too late. Join us in the fight against corrosion by taking time today to identify one potential area of concern and proactively fighting it. Need help picking a solution? Contact Cortec® for technical support on what works best for your application.

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