

# Get Started Now

## The ZERUST® Approach

- We identify and resolve corrosion causes in processes using our 50 years of experience and global network.
- We eliminate unnecessary customer packaging and materials handling processes.
- We design optimal customer corrosion inhibiting solutions.
- We provide point-to-point customer service in over 70 countries.

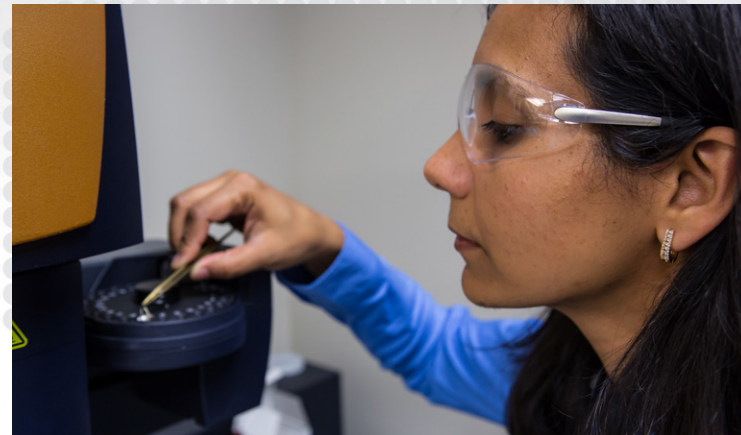
## Get Started

### Here's what you need to do:

- Contact your ZERUST®/EXCOR® representative.
- Compile a list of key contacts from the various organizations in your supply chain that are involved with your corrosion issue.
- Provide a name in your purchasing department whom a ZERUST®/EXCOR® Team member should contact to set up a service and product supply account.

## Contact Us

Northern Technologies International Corporation  
ZERUST® Business Unit | Corporate Office  
4201 Woodland Road, P.O. Box 69  
Circle Pines, MN 55014 USA  
Toll-Free: 1-800-328-2433 | Phone: 1-763-225-6600  
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## Global Support

Algeria, Angola, Argentina, Australia, Austria, Bangladesh, Belarus, Belgium, Bhutan, Bolivia, Brazil, Canada, Chile, China, Columbia, Czech Republic, Democratic Republic of the Congo, Denmark, Ecuador, Estonia, Finland, France, Gabon, Germany, Hungary, India, Indonesia, Ireland, Italy, Japan, Kazakhstan, Korea, Latvia, Lithuania, Luxembourg, Malaysia, Mexico, Monaco, Morocco, Nepal, Netherlands, Nigeria, Norway, Peru, Philippines, Poland, Portugal, Romania, Singapore, Slovak Republic, Slovenia, South Africa, Spain, Sri Lanka, Sweden, Switzerland, Taiwan, Thailand, Tunisia, Turkey, Ukraine, United Arab Emirates and MENA (Middle East & North Africa), United Kingdom, United States, Uruguay, Vietnam.



ZERUST® EXCOR®

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\*Service fees are defined as the amount paid by the customer for services (less taxes and duties) rendered by Northern Technologies International Corporation (NTIC). Such services include lab testing, consulting, inspection, technical review and reports. Travel expenses and price of goods sold are non-refundable. To receive a refund, the customer must provide NTIC with documented costs of initial corrosion before AND after NTIC's involvement, and show that NTIC's recommendations were adhered to during the project period. The cost savings experienced by the customer must be less than 10% to receive a refund. All refund requests must be made in writing. Refunds will be made to the paying organization on the original invoice only. Warranty and Disclaimer Information: We guarantee our products conform to documented quality specifications. Product information subject to change without notice. We make no warranty of any kind expressed or implied as to the effects of use (including, but not limited to, damage or injury). For full warranty and disclaimer information visit, [www.zerust.com/warranty](http://www.zerust.com/warranty).

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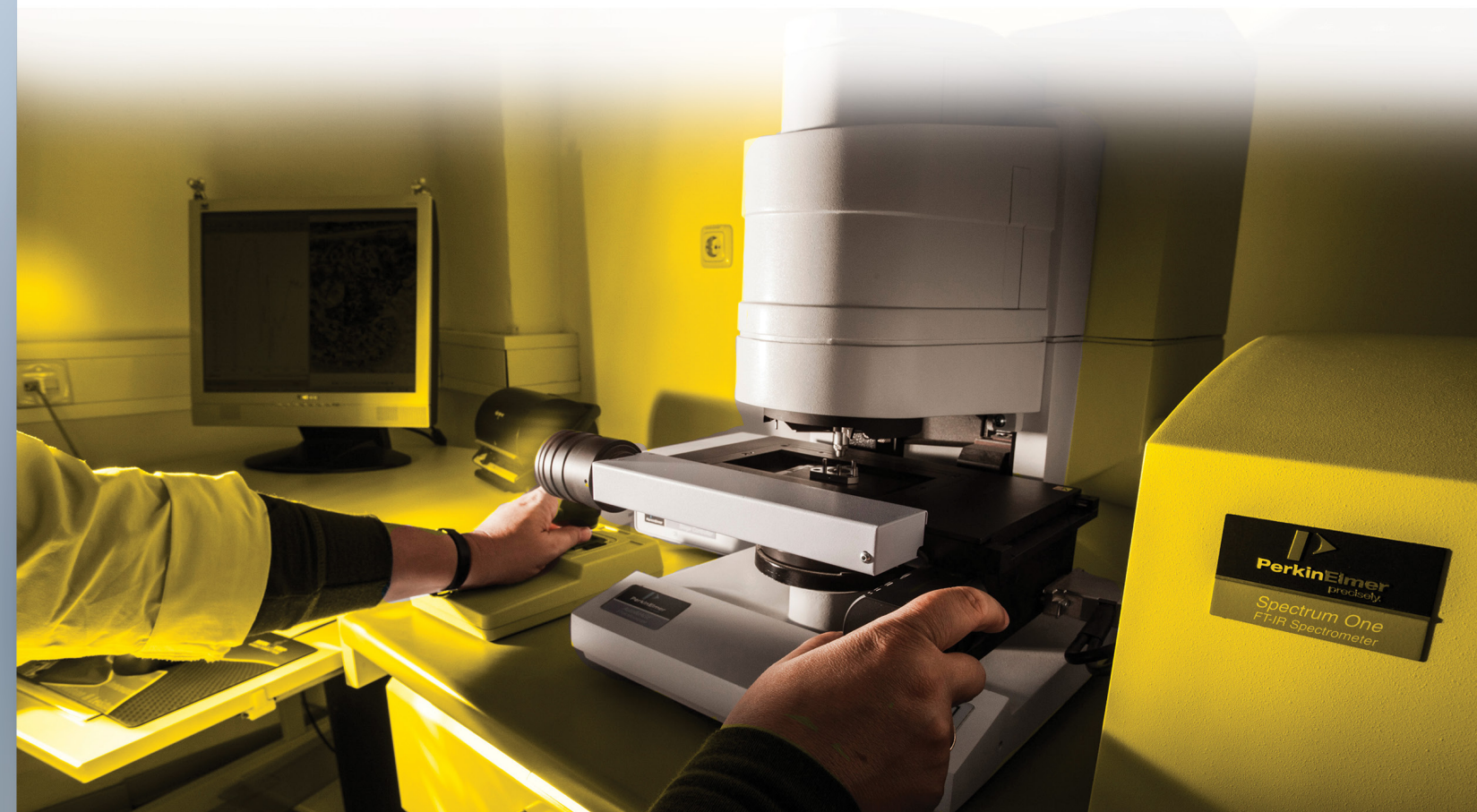
# Z-CIS® – The ZERUST® Corrosion Inhibitor System

*Are your products rusting?*

*Worried that this will shut down an assembly line?*

*Let us show you how the Z-CIS® method can...*

- 1 >>> *Eliminate corrosion concerns during the Production Part Approval Process (PPAP)*
- 2 >>> *Achieve rust-free shipment yields of up to 100%*
- 3 >>> *Reduce money lost to corrosion by at least 10%*



# ZERUST® Z-CIS® – The ZERUST® Corrosion Inhibitor System

## Our Proven 5 Phase Process for Managing and Solving Corrosion Issues

Z-CIS® is the proven ZERUST® Corrosion Inhibitor System methodology for deploying programs necessary to ensure the protection of metal product shipments in transit around the world. It works with the complex multiple internal and external entities involved in every part of the supply chain. Z-CIS® is proven to meet the rust-free and “smoke-free” requirements of various OEMs sourcing from a global supply base. After implementing a Z-CIS® system, our clients generally realize total cost savings of at least 10% and rust-free shipment yields as high as 100%.

### OUR CUSTOMERS

Get your corrosion under control with this process proven to reduce scrap and corrosion incidents to below 1% and save your company time and money. It is complimentary for ZERUST® customers.

### PHASE 01 IDENTIFYING STAKEHOLDERS

All entities involved in your supply chain (internal and external) affected directly or indirectly by corrosion concerns are identified as stakeholders and contacted by a ZERUST®/EXCOR® representative.

### PHASE 02 PLANNING

The ZERUST® Team reviews the project scope, corrosion control system performance requirements, and critical issues with all stakeholders.

### PHASE 03 DEPLOYMENT RECOMMENDATIONS

The ZERUST® team collects product samples from the manufacturing site, draws samples of all processing fluids and wash chemistry from the production line, evaluates the climatic stress impact of the shipping route, updates process FMEA documents, reviews process control plans, etc.

### PHASE 04 DEPLOYMENT

A review is required with all stakeholders to decide on the corrosion protection system to be deployed. All results and data are kept confidential and relayed to one customer contact for dissemination.

### PHASE 05 CONTINUOUS IMPROVEMENT

Regular audits against the Z-CIS® Deployment Recommendations document are conducted to ensure that the process remains in control and improvements implemented.



## We understand your needs

For over 50 years, the ZERUST®/EXCOR® Corrosion Engineering Team has helped manufacturing organizations around the world implement corrosion management systems throughout their supply chains. With on-site support in over 70 countries and labs in three continents, we can effectively provide point-to-point service and support. We ensure that parts stay rust and contaminant-free. We understand your needs and the complexities of managing a global supply program. By implementing our Z-CIS® Deployment Methodology and Project Management Approach, we help pull the pieces of your supply program together – with guaranteed results!



## You are in control

We know that you are busy. That's why we designed the Z-CIS® project management system to allow you to stay in control during every phase of a Z-CIS® deployment and keep all stakeholders on the same page. The Z-CIS® phase documents function as a road map that keeps projects on track and disseminates crucial information among stakeholders – making the Z-CIS® deployment more efficient and effective. Visit, [www.zerust.com/zcis](http://www.zerust.com/zcis) to learn more.

The ZERUST®/EXCOR® Team has already deployed corrosion management systems at manufacturing sites worldwide using the Z-CIS® Methodology.

**We can help you too!**