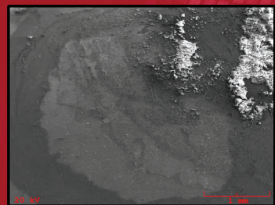
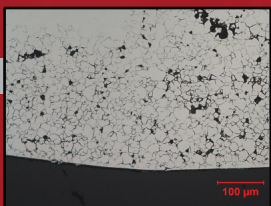


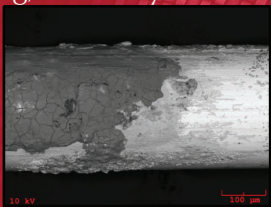
Corrosion Failure Analysis

Corrosion, in its myriad forms, costs industry and manufacturing in the neighborhood of \$3.5 billion annually. The experts at IMR Test Labs can provide testing and consultation to provide failure and root cause analysis to identify and mitigate costly field and plant failures or on materials selection designed to preempt corrosion effects on metal, plastic and composite components.



We can identify corrodents and other environmental variables that are directly responsible for corrosion attack. We

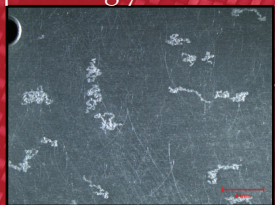
have a history of addressing complicated corrosion issues including stress corrosion cracking, microbial induced corrosion, environmental stress cracking, and many other mechanisms.



Our engineering expertise covers a diverse spectrum of industries. Whether it's an exotic prosthetic material or petroleum storage tank, our broad array of analytical capabilities (SEM-EDS, Ion Chromatography, GC/MS, FTIR and more) and a talented team of experienced failure analysts who know what's at stake, we are committed to preventing or solving your corrosion problem and providing you with the answers you need....

on time!

That is our commitment.



IMR Test Labs

131 Woodsedge Drive
Lansing, NY 14882 USA
1.607.533.7000
sales@imrtest.com

IMR Test Labs - Louisville

4510 Robards Lane
Louisville, KY 40218 USA
1.502.810.9007
sales@imrlouisville.com

IMR Test Labs - Portland

5687-A SE International Way
Portland, OR 97222 USA
1.503.653.2904
sales@imrportland.com

IMR Test Labs - Singapore

30 Loyang Way #03-16
Singapore 508769
+65 6592.5325
sales@imrsingapore.com

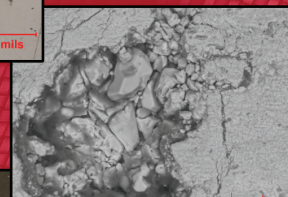
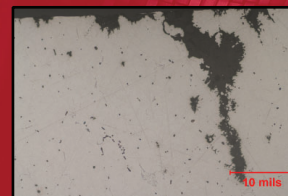
IMR Test Labs - Suzhou

Jiangpu Road 75, Shengpu Town
Suzhou Industrial Park
Jiangsu, China 215126
+86 0512.6295.2682
sales@imrsuzhou.com



CURTISS - WRIGHT IMR TEST LABS

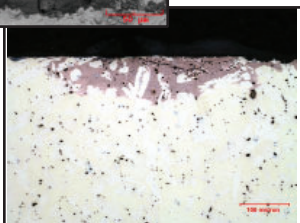
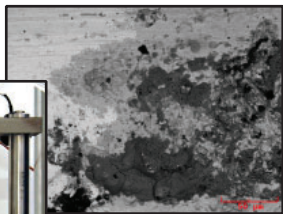
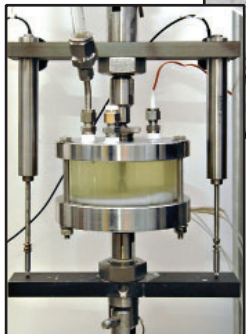
Corrosion Analysis and Accelerated Weathering



www.imrtest.com

Corrosion Testing

- General and Pitting Corrosion Testing
- Corrosion Cracking Testing of Metals (SCC) and Plastics (ESC)
- Heat & Fluid Aging
- Dezincification Testing of Brasses
- Residual and Assembly Stress Testing of Copper Alloys
- Sensitization Testing of Austenitic and Ferritic Stainless Steels
- Passivation Testing of Medical Components
- Determining Corrosion Rates of Metals and Corrosiveness of Fluids Using Electrochemical and Immersion Test Techniques
- Evaluation of Duplex Stainless Steels
- Formicary (Ant's Nest) Corrosion of Copper Tubing
- Mercurous Nitrate Testing
- Some of the ASTM corrosion tests offered are: A262, A763, A923, B154, B858, G28, G34, G48, G66, G67 & G110



Accelerated Weathering & Salt Spray

We offer a variety of corrosion methods to standards from B117 salt spray, GMW14872 cyclic corrosion to all five annexes of ASTM G85 and more.

- Salt Spray Testing
- Temperature & Humidity Chambers
- Water Fog
- Cyclic Corrosion
- CASS Testing
- QUV/UV Exposure
- SO₂ Exposure
- SO₂/CO₂ Exposure
- Solvent Exposure
- Taber Abrasion/Wear Resistance
- Chip Resistance
- Tape Adhesion
- Peel Testing
- Electrical Resistivity

