

## Litigation Support

Litigation and insurance claims need support from competent materials testing experts to reach the appropriate conclusions. Clients rely on IMR to provide the following professional services.

- Trial Expert Witness Testimony
- Technical Disposition
- Legal Consultation
- Test Witness Services

IMR has a reputation for comprehensive and unbiased perspective on complex materials questions.

Our staff includes licensed Professional Engineers (PE's), Ph.D.'s, and other analysts with the necessary education and industry experience to provide competent technical support.



Our experts are knowledgeable about a wide range of disciplines with specialties including corrosion, fractography, nonmetallics and contaminants.

We have provided knowledgeable expert witnesses in many cases, as well as hosting a wide range of litigation support investigations.

Contact us today at our Louisville, KY or Ithaca, NY locations for more information about litigation support services.



## Not just data, *knowledge*

### 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

[www.imrtest.com](http://www.imrtest.com)

[www.cwst.com](http://www.cwst.com)

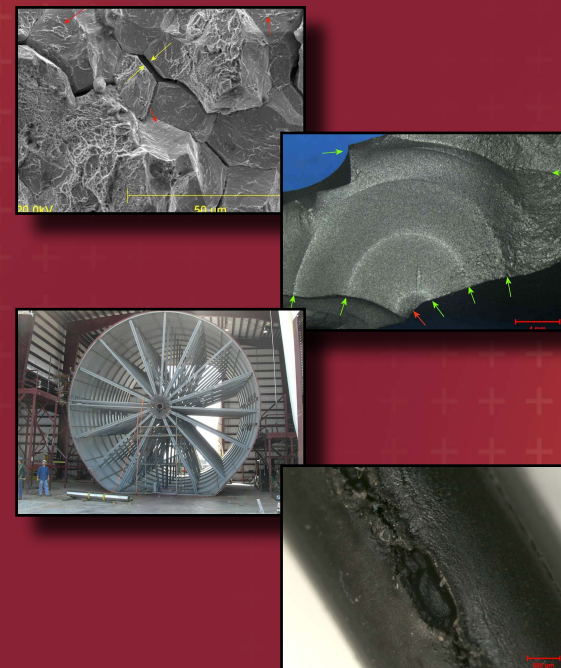
**CURTISS -  
WRIGHT**

©2017 IMR Test Labs

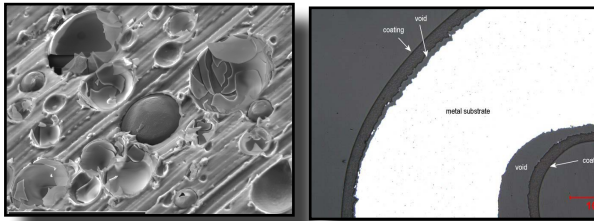
# IMR TEST LABS

*A Curtiss-Wright Business*

## Failure Analysis and Hosted Inspection Services



Not just data, *knowledge*



## Nonmetallics Failure Analysis

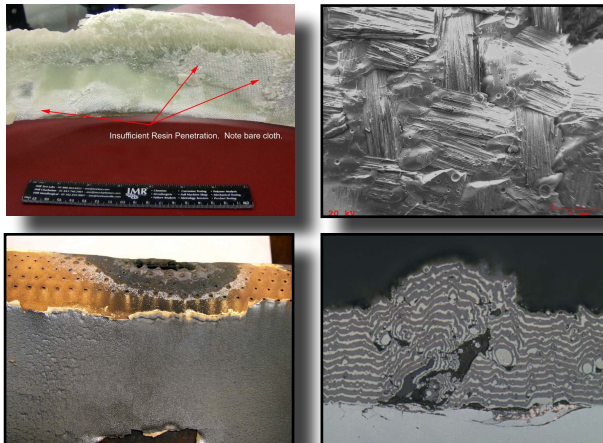
We are a full-service lab, capable of performing a complete failure analysis on your plastic materials. From macroscopic evaluations, fractography and material identification, we have the tools and experience to handle your toughest failures and production problems.

In addition, IMR is one of the few labs possessing the capability to analyze both metals and plastics at one time.

We can provide insight into:

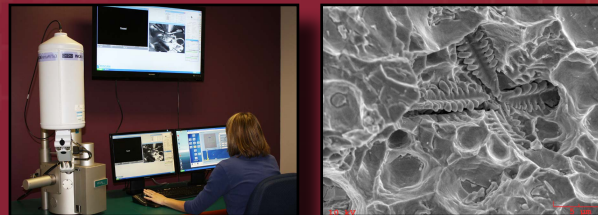
- Failure Mechanism
- Root Cause
- Applied Stresses
- Fracture Origin
- Trace Contaminants
- and much more

Let our experts handle your toughest plastics failures!



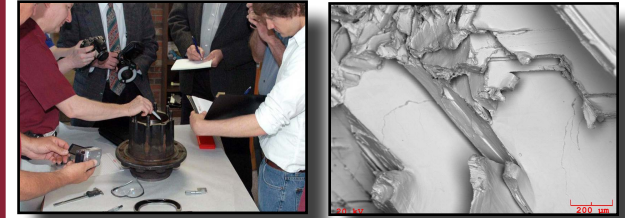
## Failure Analysis Services

Fracture Evaluation  
 Failure Mode Determination  
 Fatigue  
 Fractography  
 Overload  
 Ductile/Brittle Failures  
 Chemical Attack  
 Stress Corrosion Cracking  
 Corrosion Simulation and Failure  
 Contamination and Corrosion Analysis  
 Particle Analysis/Identification  
 Filter Residue Analysis  
 Process/Manufacturing Problem Analysis  
 Material Selection/Processing/Design  
 Recommendations  
 Engineering/Process Problem Solving and  
 Consulting  
 Hosted Inspections  
 Weld Analysis  
 Litigation Related Failure Analysis  
 Expert Services Consulting  
 Third Party Inspections/Examinations



## Failure Analysis Applications

- Manufacturing Troubleshooting
- R&D Support
- Litigation Investigations
- Insurance Claim Support
- Quality Control
- Warranty Return Issues



## Hosting of Investigations & Inspections

Our laboratories have a long history of supporting and hosting formal failure analyses and multiple party investigations. Hosted inspections can include many engineers, forensic investigators, claims adjusters and attorneys.

We have supported litigation and insurance claim investigations as an independent third party lab, or in technical support of engineering companies, law firms or insurance companies.

IMR's labs have been approved and appointed by courts as a referee analysis lab. We can prepare professional inspection protocols. All three labs are accredited to perform standard, accepted test methods - No Junk Science!

With the necessary capacity and equipment, we offer complete and efficient inspection hosting services. We have machine shops to section and prepare specimens, mechanical testing equipment, chemical analysis instrumentation and optical and electron microscopes.