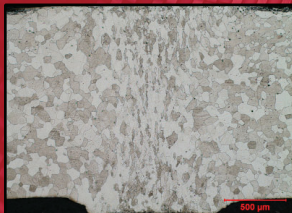


Weld Failure Analysis

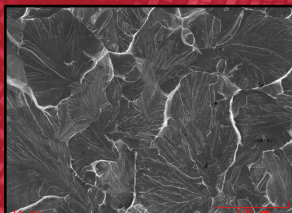
Welds are part of many critical systems around us everyday. From holding together the parts of our vehicles, to containing high pressure gasses, liquids and steam, failed welds can be catastrophic.

Let IMR get to the root of your failed or failing samples so you can quickly correct issues with your suppliers or your equipment.

We have performed thousands of weld evaluations and root cause analyses for clients in a wide range of industries. The clear, concise reports our experts provide will get you the answers you need, on time.



Contact us today for more information or to get a quote.



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IMR Test Labs - Suzhou

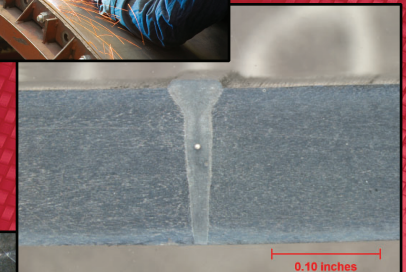
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IMR TEST LABS

Welder Qualification and Weld Procedure Qualification



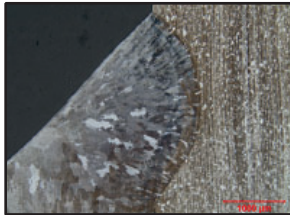
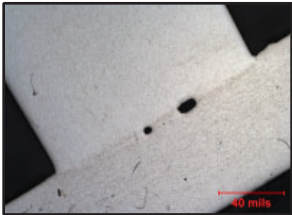
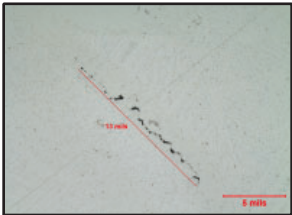
www.imrtest.com

Why IMR?

We offer a diverse array of welding services, from welder qualifications to failure analysis of welded parts. Let our trained welding specialists help you get the answers you need. We have 6 AWS CWI's at our US locations and weld experts at our labs in Singapore and China.

We can test a variety of weld types including:

- Butt Welds
- Electron Beam Welds
- Fillet Welds
- Friction Welds
- Hardface Welds
- Laser Welds
- Overlay Welds
- Pipe/Tube Welds
- Plug Welds
- Repair Welds
- Resistance Seam Welds
- Spot Welds



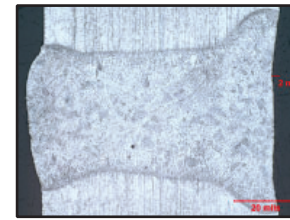
Specifications

- ASME
- MIL
- NACE
- AWS
- PED/ISO
- GE
- PWA
- RR
- BS EN/ISO
- ABS Rules & Guides
- API
- CGA/DOT
- and many more



Weld Testing Services

- 3 & 4 Point Bend Testing
- Braze Procedure Qualification
- Charpy Impact Testing
- Chemical Analysis (OES, ICP-MS, ICP-AES)
- Creep/Stress Rupture
- Cross Sectional Analysis
- CWI Witness Service
- Defect Detection
- Failure Analysis
- Ferrite Content
- Hardness Testing
 - Brinell
 - Rockwell
- IGA Susceptibility
- Load/Proof Testing
- Macro Exam
- Macroetch
- Micro Exam
- Microhardness
 - Knoop
 - Vickers/Macro-Vickers
- Raw Material Verification
- Resistance Weld Peel Testing
- Root, Face and Side Bend Testing
- Tensile Testing
- Visual Exam
- Weld Procedure Qualification
- Welder Performance Qualification



Special Accreditations

Lansing

IMR's Headquarters is approved by Hartford Steam Boiler in accordance with the PED 97/23/EC

Portland

IMR Test Labs - Portland welder qualifications (certifications) are approved and recognized by the Washington Association of Building Officials (WABO), Oregon Building Officials Association (OBOA) and the City of Portland.

Singapore

IMR Test Labs - Singapore is SAC (ISO 17025) approved to perform weld evaluations to Civil Aviation Authority of Singapore (CAAS) Singapore Airworthiness Requirements (SAR).

Visit our accreditations page for a listing of all of our locations' approvals or contact us today!

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