



Quality Assurance Auditors & Industry Conference
February 2024 | Phoenix, AZ

AAR – RSI Workshops

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Amtrak

MxV Rail
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www.mxvrail.com
A subsidiary of the Association of American Railroads

Introduction to Workshop Experts

Workshop I - Thermographic/Infrared Inspection for Thermal Protection Systems and other Infrared Advance Inspections Techniques Using Infrared (IR) Cameras

- Starting 8:00am Thursday morning

Workshop II - Visual Inspection Beyond Weld Inspection

- Starting 10:30am Thursday morning

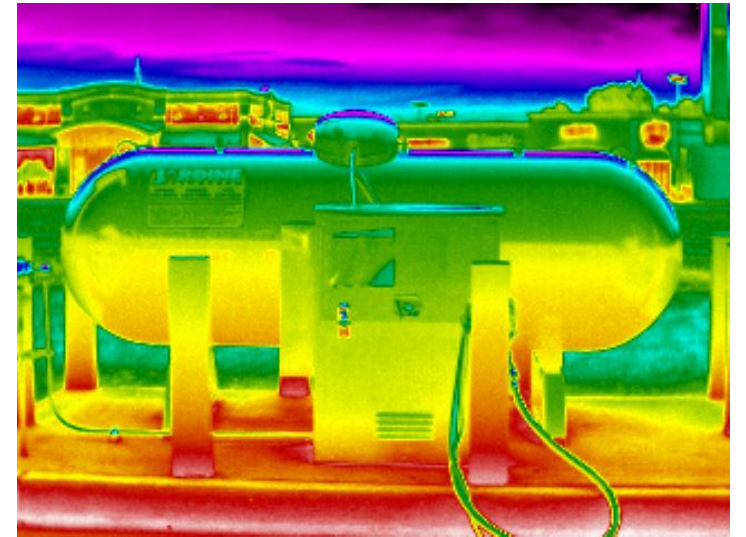
Workshops Presented by:

- James R. Dinell, Director of Technical Services - AllTranstek L.L.C
 - Mike Tait, Director NDT Services - AllTranstek L.L.C
 - Steve McCullough, Vice President of Technical Services - AllTranstek L.L.C
 - Jeffery Cameron, Director of Quality Assurance - Union Tank Car Company
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- Workshops are free and open to everyone attending this conference
 - Lunch follows the workshop's session



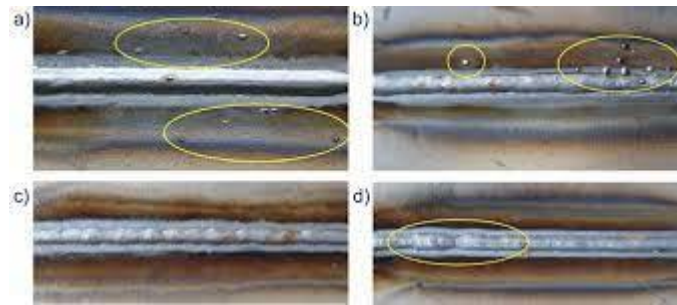
Thermographic/Infrared Inspection for Thermal Protection Systems and other Infrared Advance Inspections Techniques Using Infrared (IR) Cameras

- There will be an infrared demonstration and an open discussion after the presentation to address questions. The presentation will focus on the following:
 - Application of Infrared Technology
 - Infrared Inspection Techniques
 - Advantages and Limitation of the Infrared Cameras
 - Misconception of Infrared Inspection
 - Requirements for the qualification and certification of IR personnel
 - IR Procedure Requirements and Acceptance Criteria
 - New application of Infrared Technology for various components



Visual Inspection Beyond Weld Inspection

- There will be a demonstration and an open discussion after the presentation to address questions. The presentation will focus on the following:
 - The different VT techniques
 - How do different Visual Testing techniques apply to Rail Cars
 - VT certifications and the NDT Written Practice
 - Surface Preparation....How clean is clean???
 - Various VT Standards (e.g. ASNT, ASME, ISO, etc.)
 - VT Course Outlines (other than weld Inspection)
 - Function Specific training encompassing VT





THANK YOU