

ISO 9001:2008 Certified

Rail Services North America

ECE Global is your Global Partner in Engineering, Quality and Safety Compliance.

ECE Global is a provider of technical engineering verification, testing and conformity services for rail vehicles and components.

Our team of engineers and experts in welding technology, non-destructive testing, construction surveillance, quality management and certification provides an array of professional support.

Our passion for and expertise with national and international applications allow us to adapt with evolving needs.

We strive to build lasting and trusting relationships by earning your confidence with providing measurable results and return on investment.

Let us earn your trust.
Thank you!

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ECE Global

Your Global Partner in Engineering, Quality and Safety Compliance
Design – Fabrication – Inspection – Certification

Our expertise extends to New and Used Railcars, Intermodal Equipment and Locomotives. We work hard at helping you accomplish your objectives for the design, manufacturing, testing, and certification of rail equipment.

ECE Global's team of engineers utilizes their their knowledge of the US MSRP, EN and other standards and years of working with the rail industry to help our clients be proactive and successful. We work hard to help our clients optimize resources.

Scope of Railroad Services

New Construction

- Engineering support
- Pre-fabrication assessments
- Welding support
- Inspection services (NDE, CWI)
- Construction surveillance
- As-built inspections

Vendor Inspection Services

- Vendor Audit / Surveillance
- Pre-Lease & Pre-Acquisition Inspections
- AAR Rule 88.B.2 Inspection
- Railcar Interchange/ Condition Inspection

Equipment Lease Return or Sale

- Joint Inspection
- Can represent either party to the transaction
- Asset Appraisal Inspections
- Standard third-party inspections
- Comprehensive inspections provide reconditioning data

Monitor Shop Repair Programs

- Certified Welding Inspectors (CWI)
- Truck/ Brake Inspection
- Side Frames, Beams, Springs etc.
- Brake Shoes, Rods & Levers etc.

Inspection Services

- HM-201 Re-qualification
- Non-Destructive Examination (NDE)
- Phased Array UT (PA)
- Non-Destructive Examination (NDE) (LT, MT, UT, UTT, PAUT, VT)
- As-built Inspections

Provide Inspection of Damaged Railcars

- Prior to Authorizing Repairs
- Inspection of Repairs



Certification of equipment

Engineering Management

- Compliance Assessment & Up-Dates
- Vendor Audits (Fabricators)
- QA Weld Management & Planning
- QA Inspection Management & Planning
- Weld Coordination

Weld Joint Classification

Engineering Codes / Assessments

- Weld Shop Requirements
- Classification of Parts / Assemblies
- Certification Background

Welding Drawing Requirements

- Weld Detail Review (Joint Design & Procedure)
- Weld Seam Quality Review & Support
- Weld Mapping & Log Preparation

Welding Management

- QA Weld Management
- Material Receiving & Handling Procedure Support
- Material Identification / Traceability
- Review / Evaluation of Existing Approvals
- Development of Approval Plan
- Working with Welders on Floor prior to Testing (rendering support)
- Welding Procedure Approvals
- Welder Qualifications
- Welding Operator Qualifications

Pre-Certification Services

- QA System Pre-Audit / Gap Assessment
- Weld Shop Requirements

Vendor Support Services

- Vendor audits
- Vendor Surveillance

Training

- Welder Training
- NDE Training
- QM System Training
- Supervisors on Rules and Tasks
- Inspections Requirements
- Welding Supervisory / Inspection