

ISO 9001:2008 Certified

Rail Services Europe

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

ECE provides approval and certification services for rail equipment engineering and manufacturing companies. In support of these companies' effort to become EN 15085 (supersedes DIN 6700); ISO 3834 (supersedes EN 729) QA System requirements for Weld Shop certified, ECE provides services in conjunction with the implementation of the required quality systems, as well as the development / testing and certification and approval of welding procedures, welders and welding operators.

Scope of Railroad Services

FEL & Administration (Front End Loading)

- EN 15085 Training (Office/Floor)
- Application Completion
- Application Review and Gap Analysis

Engineering Management

(Compliance Assessment & Up-Dates)

- Vendor Audits (Fabricators)
- QA Weld Management & Planning
- QA Inspection Management & Planning
- Authorities and Responsibilities

Engineering Codes / Assessments

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

Weldment Drawing Requirements

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



Inspection of repairs



Certification of equipment

Welding Management

- QA Weld Management
- Material Receiving & Handling Procedure Support
- Material Identification / Traceability
- Welding Qualification Program
- 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
- Weld Joint Design
- EN 15085 Seminars
- Engineering Support

Surveillance / Validation Services

- Non-Destructive Examination (NDE) (LT, MT, UT, UTT, PAUT, VT)
- As-built Inspections

Certification & Validation Services

- Technical File guidance
- Weld Procedure Approval
- Welder / Operator Approvals
- QA System Audit Preparation
- QA System Pre-Audit

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