

# Rail Services U.S.A.

The regulatory and voluntary requirements of the USA Rail market find acceptance in North America and countries around the world.

The requirements objectives address the implementation of a dependable, effective, and reliable system between technology and quality, personnel qualification, engineering, quality rules, performance assessments, and validation processes has provided comfort for all involved parties.

ECE Global services provide the know-how and tools to fulfill these objectives of the U.S.A. Rail Industry.

Our Mission is to guide and support railroaders, suppliers and OEM around the world in achieving their national and international goals.

We engage with and consult at all levels.

As a specialized service company, we understand that our clients success is key to ECE Global.

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*

## We worked with over 400 Rail Equipment Manufacturer

(USA, Canada, Mexico, Australia, China, India, Germany, Italy, Spain, Switzerland, etc.)



Our expertise extends to New and Used Railcars, Inter-modal 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 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.

## Service Portfolio Briefing

### MSRP Section J, M-1003

#### ♦ Pre-Assessment Audits

#### ♦ Consultation

Specification M-1003 is setting forth mandatory requirements for a contractor's quality assurance program and covers requirements for AAR approval. We perform pre-assessment audits and consulting services to identify possible gaps. The scope of the audit is related to

- Materials,
- Products, and
- Services

which can be new, reconditioned, or second hand.

### AWS D15.1

#### ♦ Pre-Assessment Audits

#### ♦ Consultation

American Welding Society (AWS) D15.1, Railroad Welding Specification for Cars and Locomotives must be fulfilled by the organization, as part of its responsibility to perform quality welding.

ECE Global provides pre-assessment audits and consultation service to support with compliance with AWS D15.1. When fulfilling the requirements of AWS D15.1, it is not to be assumed, that compliance with other requirements, such as AWS D1.2, etc. is granted.

We issue a detailed report, which is go-

### MSRP M-1003 and AWS D15.1

When performing assessment audits or providing consulting services to M-1003 requirements, AWS D15.1 will be included for all weld shops that fall under the scope of the applied AAR regulations. Thus we address AAR Circular Letter regulation when performing our work. Please contact us to find out more.

**We understands what you expect - flexibility and customized solutions!**

**We can change and adapt with your evolving needs because of the knowledge, experience, and passion we have.**

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### Service Portfolio Briefing

#### FEL (Front End Loading) & Admin

- Guidance through Requirements
- Application Completion
- Application Review and Gap Analysis

#### Assessment Audit

(Compliance Assessment & Up-Dates)

- Validation of Contract Requirements
- Review of Quality Manual/System
- Assessment Audit of Involved Areas
- Review of Procedures, WI, Forms
- Prevention of Non-Conformances
- Continuous Improvement Process
- Weldment Drawing Requirements
- Weld Detail Review
- Weld Mapping & Log Preparation
- Inspection / Validation Process
- AAR Circular Letter Subscription
- According to Customer Specification

#### Welding Management

- QA Weld Management
- Material Receiving & Handling Procedure
- Material Identification / Traceability
- Welding Qualification Program
- Evaluation of Existing Approvals
- Development of Approval Plan
- Welding Procedure Approvals / Assessment / Validation
- Working with Welders on Floor prior to Testing / Qualification
- Welding Operator Qualifications
- Weld Inspection (prior, during, after)

#### Training

- Quality Manager
- Weld Supervisor, Welder, Operator
- Inspection Personnel

### Independent Compliance Assessment (Contractor & Vendor)

Add value by ensuring compliance with all required regulations!

Independent reviews and auditing of processes validates if sustainability and scalability is as strong and robust as it needs to be. ECE Global focuses on the manufacture of vehicles and components, where our experts assess all required process for a sound engineering, fabrication, validation process, and systems.

- ⇒ Save time and money – by avoiding costly and time consuming rework through the use of integrated management planning from the onset of your project.
- ⇒ Minimize risk – of downtime and damage through early identification of quality and safety issues, as well as the development of suitable measures to address them.
- ⇒ Assure quality – with an experienced, international team of rail experts who ensure your systems and processes meet your needs and regulatory requirements.

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