

## ECWRV – EUROPEAN COMMITTEE FOR WELDING OF RAILWAY VEHICLES

### Course ECWRV auditor qualification

Content of this training is the expansion of knowledge of welding auditors in the field of railway vehicles.

Focus:

- Tasks and responsibilities of the ECWRV
- Basics of the EN ISO 3834 quality requirements for fusion welding of metallic materials
- Interpretation of standards EN 15085 Railway applications – Welding of Railway Vehicles and Components
- Guideline ECWRV – certification system Online Register
- Design, calculation and fatigue strength of welded joints
- Welding Procedure Specification (WPS) and Welding Procedure Qualification Record (WPQR)
- Requirements and qualifications of welding procedures for metallic materials acc. to EN ISO 15607 to EN ISO 15614pp
- Qualification testing of welders and welding operators acc. to EN ISO 9606-1, EN ISO 9606-2 and EN ISO 14732
- Chances and limits of non-destructive testing
- NDT personnel acc. to EN ISO 9712
- Presentation of new welding processes
- Special contract requirements of manufacturers
- System Online Register – exercises and practice
- EN 15085-6 maintenance for welding of rail vehicles

**Participants** Auditors and welding coordinators in the sector of railway vehicles

**Please note** Prerequisites for participating in the examination: qualification as EWF-welding engineer, EWF-welding technologist acc. to EN 15085-2.

**Duration** 5 days

In accordance with the new guideline EN 15085, we are extending the course by an additional day

**Date** 23. - 27. January 2023

**Place** Web-Seminar

**Fee** 1,950.00 € incl. final knowledge test

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