Safety management for trams according to BOStrab

Seminar-No. 06.01

Online-Seminar*

DATES & COSTS

On-demand — Nuremberg

Length: 2 Days

Fee: 1.400,00 €

incl. lunch and certificate of participation
plus VAT
* On-demand

TARGET GROUP

- Development, safety, quality and authorization engineers
- Technical project managers, Operation Managers
- Approval, Rolling stock departments and operations staff

LANGUAGES

DESCRIPTION

Basics and differences of the approval and safety process in terms of BOStrab and according to EN 50126. The process participants and their responsibilities in the individual project phases / system life cycle phases. In order to reduce the hazards from the operation of the vehicle or another subsystem in a light rail (BOStrab) system as far as possible and thus achieve the operational safety required in the BOStrab, appropriate measures must be taken. This seminar will provide you with the necessary basic knowledge about the approval and safety process as well as the methodology of verification of safe operation from the derivation of the (safety) requirements to the corresponding verification documentation.

We will show you the methods according to the relevant legal regulations and standards and give you an overview of the system life cycle phases and the respective required RAMS and approval activities.

SEMINAR CONTENTS

DAY 1 09.30-17.00

- General legal fundamentals CSM,EU law, BOStrab
- Relevant standards and VDV publications, RAMS
- Comparison of processes in Germany and internationally (inside and outside the EU)
- Parties involved in the process (TAB, competent person/body or expert, manufacturer, contractor) and their responsibilities in the individual phases of the project.
- Safety process and responsibility
- Manufacturer vs. company responsibility
- The life cycle phases & the respective RAMS activities required for them
- RAM vs. Safety
- System definition, safety plan, approval plan

DAY 2 09.00-17.00

- Review and questions about the previous day
- Safety requirements (functional & non-functional requirements)
- Basics of hazard and risk analyses
- Safety requirement specifications
- Fundamentals of safety analyses
- Construction documents and safety verification
- Round of discussions