

## CSM-RA regulation - process and evidence management

22

### Seminar-No. 01.09

#### DATES & COSTS

On demand

Inhouse

Online

Length:

2 Days

Fee:

1.500,00 €

incl. lunch and certificate of participation  
plus VAT

#### TARGET GROUP

- Manufacturer and Operator
- Technical Project Manager
- Approval, vehicle technology, development, commissioning, maintenance, railway operations staff

#### LANGUAGES



#### DESCRIPTION

The legal requirement at European level for the implementation of risk management for changes to subsystems of the railway system in accordance with interoperability Directive was obtained in 2009 with the introduction of Regulation (EC) No 352/2009 - CSM-RA (Common Safety Methods -Risk Assessment). The application of appropriate risk management in the sense of the CSM Regulation must therefore be taken into account in the event of changes to all subsystems - for example to rolling stock, infrastructure, operation or maintenance processes.

Thus, a structured and documented procedure for the identification of hazards, the risk assessment, the determination of safety management measures as well as the appropriate verification is required.

With the Implementing Regulation (EU) No. 402/2013 and the Implementing Regulation (EU) No. 2015/1136, Regulation (EC) No. 352/2009 has now been replaced and extended.

In this seminar, you will be familiarised with background and possibilities for the application/implementation of the required risk management. Furthermore, you will get to know the application in practice.

#### SEMINAR CONTENTS

##### DAY 1 09.00-17.00

- Fundamentals of risk management
- Origin of the CSM regulations
- Contents of the CSM regulations
- Application guidelines
- Connection to EN 50126 and safety management
- Round of discussions, clarification of open questions

##### DAY 2 09.00-17.00

- Day 1 summary
- Contents and preparation of CSM verification documentation
- System definition, hazard and risk analysis, safety requirements
- Approaches from the practice
- Final discussion, clarification of open questions