



Rail

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Fire Prevention Services for the Railway Industry

Consulting

TÜV SÜD is a leading supplier of Fire Protection services with 40 years' experience in the railway industry and our consultants are recognised as 'experts' in their field, which includes:

- System evaluation based on international fire protection standards
- Damage investigation after fire events in railway vehicles or technical components
- Evaluation of Emergency Concepts (system wide – vehicle / infrastructure / operation / rescue services)
- Rescue Concepts (self-rescue, rescue by rescue services, special tools)

Testing

TÜV SÜD has access to fire testing facilities that simulate the movement of smoke and how fires are likely to spread throughout vehicle compartments involving:

- Functional Safety Testing and Validation of safety critical devices and components
- Fire and smoke testing with certified cooperation partners
- Smoke simulation in vehicles and underground stations

Training

TÜV SÜD's experts have developed a number of training courses for the railway industry that include:

- Fire Risk Analyses for rail vehicles and technical components
- Fire Protection Concepts for the rail network including the possible interaction of fire between Rolling Stock, stations, bridges and tunnels etc

The Benefits of working with TÜV SÜD

Our experts are available at every stage of your project, including planning, risk assessment, prevention and evacuation strategy, material selection and compliance.

We work with rail authorities, equipment manufacturers and construction companies to develop fire safety plans and conduct fire risk analysis for Rolling Stock, railway stations, tunnels and throughout the entire network. Having investigated fire incidents on behalf of regulatory authorities, TÜV SÜD is well placed to give advice on specific prevention methods.

TÜV SÜD provides Fire Safety Services worldwide and our experts have worked on some of the most prestigious rail projects in Europe, Asia and the Americas.

TÜV SÜD Rail • TÜV SÜD Group

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