Railway Technology

Coaching and Training

Coaching and training are essential in order to keep pace with the changing state of technology. In particular, railway standards have been undergoing a process of transformation with the introduction of the Technical Specifications for Interoperability (TSI) and new processes are needed as a result. In addition, many new approval procedures have been put in place in the past few years, leading to corresponding new rules and formalities.

TÜV NORD provides lecture series, seminars and specialist events on new rules and formalities, offers inhouse training courses and support in the approval procedures to suit the individual needs of its customers. Besides content relating to specific railway standards, including the TSI, training and coaching services also cover all the steps and safety proofs required by national approval bodies.

TÜV NORD experts can provide you with qualified support from information about the requirements of the different standards up to the interpretation of technical requirements in relation to the integration into existing systems. This gives you the assurance that your development and design work is based on correct assumptions. In particular, we deal with standards regarding functional safety such as IEC 61508 and CENELEC, process-related standards such as EN ISO 9001 and IRIS, and also special national regulations, guidelines, application rules and administrative rules.

TÜV NORD - Making our world safer.



Coaching and Training

Our services

CENELEC standards

- 5012x
- **50155**
- **5**0159
- 50239 and other
- **50657**

Functional Safety

- IEC 61508
- IEC 62443

Interoperability regulations and TSI

- Rolling Stock and LOC&PAS
- CCS
- PRM
- SRT
- Infrastructure and other

Management processes

- EN ISO 9001
- IRIS
- Common Safety Methods (CSM)

Homologation processes

- EIGV
- Proofs of compliance (Certification, EC Conformity)

Other Coaching-activities

- Railway operating processes
- Technical safety measures

The benefit to you:

- Competent communication of technical and process engineering know-how
- Trainers with long years of coaching experience and interdisciplinary railway expertise
- Independent coaching/training focused on national and international requirements

Our expertise:

- Independence and neutrality
- Specialist independent experts with long-standing experience
- Assessors with EBA-recognition
- Accredited inspection body according to DIN EN ISO/ IEC 17020 (DAkkS)
- Notified Body (NoBo)
- Designated Body (DeBo)
- Assessment Body (AsBo)
- Partner of country and municipal authorities (Landeseisenbahnaufsicht (LfB, TAB))
- Associated partner of the German notified body

We look forward to sharing our expertise with you. Why not contact us.

Tel.: +49 431 7307-127 rail@tuv-nord.com

TÜV NORD Systems GmbH & Co. KG

Große Bahnstraße 31 · 22525 Hamburg Am TÜV 1 · 30519 Hannover Am Technologiepark 1 · 45307 Essen

www.tuev-nord.de



TÜV NORD GROUP