



Rail

Choose certainty.
Add value.

www.tuvps.co.uk

Railway Signalling Services

TÜV SÜD understands the complex interdependencies of equipment within the railway sector and has experience in providing **engineering support**, functional safety **assessments** and **certification** services for a variety of signalling and other safety critical systems.

Engineering Support

TÜV SÜD's global network of signalling experts support the development of clients' Safety Cases through the following services:

- Compilation of assurance documentation
- Compilation of risk and hazard analyses
- Compilation of qualitative (FMEA) and quantitative analyses
- In-house training (GENELEC 5012x, IEC 61508)

Assessment

We provide Independent Safety Assessment services, reviewing Safety Case submissions and providing the following assistance to ensure comprehensive safety arguments:

- Independent Assessment of Safety Cases and Functional Safety Cases (according to EN 5012x and IEC 61508)
- Planning checks and testing of project data
- Acceptance tests on-site or at the manufacturers' sites

- Checking of user manuals, maintenance and repair instructions
- Safety management audits / Product audits

Certification

TÜV SÜD employs authorised experts to verify, audit, assess, certify and provide support for high speed, conventional traffic and light rail systems. With a global brand which is widely respected, TÜV SÜD is one of the world's leading certification bodies.

- Assessment of conformity to EU Council Directives 96/48/EC (High-Speed rail systems) and 2001/16/EC (Conventional rail systems)
- TÜV Mark Certification
- Verification of project documentation (e.g. design documents, test specifications)
- Validation of **Generic Products, Generic Applications** and **Specific Applications**

The Benefits of working with TÜV SÜD

Our experts are available at every stage of your project from concept and design through to the successful handover of all safety documentation to the national authority.

Work with a company that provides Signalling Services worldwide and whose experts have worked on the most prestigious rail projects in Europe, Asia and the Americas.

TÜV SÜD Rail • TÜV SÜD Group

Octagon House • Concorde Way • Segensworth North • Fareham • Hampshire • PO15 5RL • United Kingdom

Tel: +44 (0)1489 558100 • Fax: +44 (0)1489 558101 • Email: info@tuvps.co.uk

TÜV®