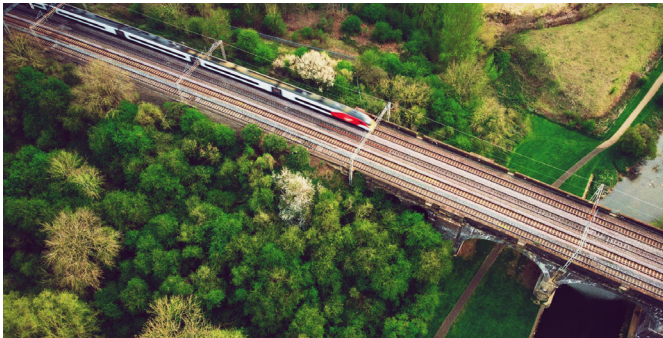


Infrastructure



Rail infrastructure consists of the lines and fixed installations. Among others, these include platforms, railroad switches and stations as well as tunnels, bridges, underpasses and noise protection measures.

TUV India offers comprehensive support in the review of planning, implementation, testing and inspection of infrastructure. In addition, independent reports are drawn up to provide proof of the safety of components or installations.

Inspections and examinations are carried out according to national, international and European standards and regulations as well as the technical specifications for the interoperability (TSI) of the Trans-European Rail System.

Multidisciplinary expert teams from TUV India supports you in problem solving involving several areas. We undertake EC verification of subsystems as Notified Body, TÜV NORD Luxemburg.

Our railway experts will consider your systems using an integrated approach, taking your technical equipment, employees, other traffic users, your procedures and the environment into consideration. Approved independent experts (EBA, ERA) can provide you with comprehensive test and inspection services and reports regarding the technical safety of rail systems, including assessment of operators' regulatory



requirements and residual risks for passengers.

Our Services:

- Evaluation of fire protection in tunnels
- EC verification of subsystems according to 2008/57/EC and following amendments in association with the respectively valid decisions TSI INF, TSI PRM and TSI SRT
- Determination of railway loading gauge
- Testing of lighting strength in railway stations
- Inspection of pathways on platforms and in reception halls for freedom from obstacles
- Protection against noise and shocks
- Advisory services for companies and organizations e.g. for works railways, non-state and private rail operators
- Independent assessment of safety management according to CSM and/or ISA

Benefit to customers

- Protection of people and the environments
- Assurance of planning compliance and feasibility
- Avoidance of wasted investment
- Assurance of legal compliance
- Overarching specialist competence of a one-stop supplier
- Independent testing and inspection to the current level of national and international requirements



Our Expertise:

- Independence and neutrality
- Specialist independent experts with long-standing experience
- Assessors with ERA-recognition
- Assessors with EBA-recognition
- Accredited inspection body according to DIN EN ISO/ IEC 17020 (DAkKS) and NABCB/IAF
- Notified Body (NoBo) (LUX)
- Designated Body (DeBo)
- Interims DeBo (DE)
- Associated partner of the German notified body

We look forward to sharing our expertise with you.

About Us:

TÜV India Pvt. Ltd. (TÜV NORD GROUP) is a customer-focused, innovative, and independent, technical, quality & safety services organization, dedicated to providing future-proof solutions through technological excellence for the success of its customers with the highest level of integrity. With a presence at over 40 strategic locations in India; a branch office in Sri Lanka and Bangladesh; state-of-the-art laboratories at Pune, Bengaluru, Noida and Jamnagar; 100 important countries worldwide and through digital means, we are always connected to you, our esteemed customer, anywhere, anytime.

We are proud to provide increasing levels of services to the best known, largest global and national companies as well as medium and small industries in diverse sectors like Oil & Gas, Petrochemical, Nuclear, Renewables, Infrastructure, Food, Power, Manufacturing, Chemicals, Pharma, Paper, Automobiles, Railways, Aerospace, Defence, IT, Health, Hospitality, Retail, etc.

Over 1400 competent and experienced TÜV India experts spread across India and over 14000 TÜV NORD experts all over the world, enthusiastically support our clients by providing value-added services in Industry Inspection, European / International Approvals, Management System & IT Certification, Sustainability, Energy Audit, Water Audit, Carbon Services, Building Infrastructure & PMC, Renewable Energy, Food & Packaging Testing, Food Certification & Inspection; Testing of restricted and banned chemicals in Automotive and Electrical & Electronics components and other regulated industries, Product Testing — Electricals, Electronics and Industrial Machinery; Product Certification; Petroleum, Chemicals & Gas Cargo Inspection; Petroleum, Chemicals & Gas Testing; Railway Technology; Engineering, Safety Studies, and knowledge enhancing training programs under TÜV India Training Academy.

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