



INDUSTRIES
& ENVIRONMENT

Rail Services

Railway Technical Certification – NOBO / DEBO

The European Interoperability and Safety Directives allow the safe circulation of rail vehicles on the different networks of the European Union, facilitating the mobility of people and goods and thus gaining competitiveness. The Technical Pillar of the railway system is mainly established through the Safety and Interoperability Directives. Its main objective is to allow easier access to the common European market.

The Technical Specifications for Interoperability (TSI) identify the essential requirements to be met by subsystems and components. Compliance with these requirements provides evidence of the technical compatibility, quality and safety of railway systems.

The Interoperability Directive establishes the safety conditions for European railway systems. Through the TSI, the essential requirements to be met by the various subsystems and characteristic components that make up the railway system are identified.

Railway manufacturers and maintenance companies have the obligation to comply with the responsibilities of their products and services in accordance with the Directive and the TSI, especially in terms of safety.

Therefore, they shall ensure that the products and systems they manufacture and maintain comply with the applicable requirements according to the TSI Specifications and national regulations before commissioning and commercial operation.

OUR SOLUTION

SGS is accredited according to UNE-EN ISO/IEC 17065 requirements for Product Certification Entities, following the Directive for Railways Interoperability.

SGS is notified and authorized by the Railways Authorities to perform conformity EC verification and assessment for railways subsystems and products:

- **Notified Body (NoBo)** for the European Technical Specifications for Interoperability (TSI): Compliance is mandatory for railways subsystems and interoperability constituents to be authorized for operation on the European railway network.
- **Designated Body (DeBo)** for the Notified National Technical Rules (NNTRs): Compliance is mandatory for railways subsystems and interoperability constituents to be authorized for operation on each country rail network.

SGS, as accredited certification entity for the full scope, performs EC verification and assessment according

to TSI and NNTR specifications for the complete set of railways subsystems:

- Subsystem Rolling stock - locomotives and passenger
- Subsystem Rolling stock - freight wagons
- Subsystem Rolling stock - noise
- Subsystem Control-Command and Signalling
- Subsystem Energy
- Subsystem Infrastructure
- Safety in railway tunnels
- Accessibility of the Union's rail system for persons with disabilities and persons with reduced mobility

SAFER
GREENER
SMARTER

WHEN YOU NEED TO BE SURE

SGS



We are the world's leading testing,
inspection and certification company

SGS has a network of more than 2.650 offices and laboratories worldwide, with more than 98.000 employees. SGS offers you a complete portfolio of railways services:

SGS RAILWAY SERVICES

- Railways Technical Certification – NOBO / DEBO Conformity assessment body
- Railways Safety Certification – ISA / ASBO Independent safety assessment body
- RAMS Safety Management
- Testing & Inspection
- Welding Services – EN 15085 Certification
- Manufacturing - Supply Chain Quality Services
- Cybersecurity

CONTACT US

If you wish to know more about our services or how to get started, please do not hesitate to get in touch.

global.rail@sgs.com

www.sgs.com/rail

**SAFER
GREENER
SMARTER**

WHEN YOU NEED TO BE SURE

SGS