FRAMEWORK OF THE NoBo MISSION


- The aim of this Directive is to create a “Single European Railway Area” (SERA), without any frontiers by relying on harmonized, transparent and common rules.

- On this basis, the Directive introduces the Technical Specifications for Interoperability (TSIs), which dictates a framework with fundamental parameters for each system, structural sub-system (Rolling Stock, Energy, Infrastructure, Control-Command & signalling), functional sub-system and interoperable constituents (Bogies, Overhead line, Rail, Balise, …). 

- Thus, the full compliance with essential requirements ensures the Interoperability across the Trans-European Network safely, i.e. a system or a product interfaces that are completely compatible to work with other products or systems without any restrictions.

DESCRIPTION

- In order to prove the fulfilment of the TSIs and ensure the respect of the basic parameters and essential requirements, the verification has to be demonstrated through a detailed file (design documentation, tests results, verification results and any evidence of conformity) which has to be verified by a Notified Body (NoBo), i.e. independent body, whose competences for one or more TSIs have been notified to the European Commission by a Member State.

- The NoBo operates in all phases of the project: from the design to testing & commissioning.

- Through an independent assessment of the compliance of subsystems and constituents with TSIs, the certification body certifies the interoperability through the issuance of an EC certificate of conformity (for constituents) or EC certificate of verification (for subsystems).

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<th>Rolling Stock TSIs</th>
<th>Common TSIs</th>
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</table>

In addition to subsystems verification, interfaces between other subsystems have to be verified in order to assess the global system.

INTERVENTION OF THE NOTIFIED BODY

- On the basis of the information provided by the proposer, the NoBo prepares an assessment plan in line with the assessment “module” chosen by the applicant (2010/713/EU).

- The NoBo performs conformity assessment according to TSIs through documentary assessments, audits (manufacturing, installation) and test witnessing. Tests can be carried out by the applicant or by an independent laboratory according to the chosen module and the scope of the mission.

- When the assessment and test results demonstrate interoperability in applying the provisions laid down in the directive, the NoBo delivers EC certificates of conformity or verification.
CUSTOMER BENEFITS

- To be compliant with 2008/57/EC by verifying the conformity with the Technical Specifications for Interoperability
- To expand the client portfolio with clients who need a certified constituent or system
- To ensure impartiality, quality, independence and confidentiality
- To rely on a trusted and accredited partner with solid experience
- To give confidence in railway and urban transportation systems, subsystems and constituents

WHY CHOOSE US?

- Specialists in Railway certification
- A safety-based approach
- More than 20 years of experience
- A pool of qualified experts
- More than 550 experts from the all railway sectors
- National and International recognitions and accreditations:
  - France, Belgium, Italy, Spain, Netherlands, Luxembourg, Switzerland, Denmark, Algeria, Australia, Turkey, India, Saudi Arabia & UAE
  - Two Notified Bodies according to 2008/57/EC
    - Under #2593 for CERTIFER
    - Under #1615 for BELGORAIL
  - Our proven methodology and specific tools allowing easier project and information management with our client
  - A Group recognized for its competencies and values, based on impartiality, quality, independence and confidentiality

OUR REFERENCES

- Infrastructure and Energy:
  - UK High-Speed-Line HS2
  - East European High Speed Line (France)
  - Moroccan High Speed Line Tanger-Kenitra
  - Lyon-Turin tunnel
  - Belgian conventional network
- Energy:
  - Electrification Program of the Danish Network
- Rolling stock:
  - High Speed Train 2N2 (France)
  - AGV New Generation High Speed Train (Italy)
- Control-Command and Signalling:
  - Belgian ETCS Level 1 and Level 2
  - Belgian High Speed Lines 3 and 4
  - GSMR Eurotunnel Network
  - ERTMS implementation in Norway
- Constituents:
  - EC certification of red lantern fire
  - Pantograph
  - CCS: Radio Block Center

OTHER MISSIONS

- Designated Body missions in France, Belgium, Switzerland, Italy, Netherlands, Luxembourg, Spain and Turkey
- Independent Safety Assessment
- Assessment Body / Common Safety Methods
- Entity in Charge of Maintenance Certification
- Urban Insertion
- Fire Behaviour Agreement
- Test organization
- ERTMS laboratory and Certification
- Non Destructive Testing
- Independent Checking Engineer/Independent Certifier
- Independent Cybersecurity Assessment
- Trainings