



#### Headquarters

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#### Signalling Laboratory

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#### Rail Laboratory

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#### Subsidiary Office

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#### Branches Abroad

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## Customer Oriented

With 20 years of experience, Italcertifer has developed a customer oriented approach, being able to tailor its services during the certification and assessment activities. Our value-added services can significantly increase the Clients' competitiveness on the international market, improve effectiveness and reach the highest safety level. Italcertifer's Clients include the most important players of the Rail and Mass Transit Sector.

## Presence Abroad

Thanks to the knowledge gained through the certification of the Italian Conventional and High Speed Railway Network, Rolling Stock and several products/subsystems for the main worldwide manufacturers, Italcertifer was awarded many relevant projects in different Countries, such as Australia, Bulgaria, Colombia, Greece, India, Peru, Romania, Saudi Arabia, Turkey and United Arab Emirates.



## Services Offered

### Certification

As Notified Body (No.Bo.), Italcertifier performs the whole process in order to issue EC certificates of conformity and suitability for use for all interoperability constituents and subsystems implemented according to applicable standards and norms including the technical specifications for European Interoperability (TSIs).

As Independent Safety Assessor (ISA) and Designated Body (De.Bo.), Italcertifier performs the necessary activities to evaluate, for all railway products and subsystems (Rolling Stock, Signalling Systems, Rail operation, Energy, Infrastructure and Maintenance), their compliance with safety and national requirements requested by Railway Undertakings and Infrastructure Managers to obtain the mandatory authorizations.

Italcertifier also performs ISO 55001 Asset Management System Certification ensuring that Client assets are managed efficiently in order to reduce company risk, gain competitive advantage and improve business performances.

### Verification and Inspection

As Type A Inspection Body, Italcertifier performs assessment for public clients, with the objective of providing evaluation about conformity of inspected items against regulations, standards, specifications or contract requirements in accordance with the Italian Legislative Decree 50/2016 art. 26. As Independent Checking Engineer (ICE), Design Verification Engineer (DVE) or Safety Verification Engineer (SVE), Italcertifier evaluates projects abroad in order to assess their conformity with norms and applicable specifications.

### Laboratories

Italcertifier Laboratories, accredited to the reference Standard UNI CEI EN ISO/IEC 17025:2018 with accreditation certificate n. 1490 L, located in Florence and Rome, provide test, measurement, and engineering services in the railway-tramway sector. Italcertifier Test Laboratories carry out tests for Mechanical, Braking and Signaling Systems, Electrical Equipment, Environmental and safety measures. The measurements related to rolling stock, wayside installations, railway infrastructure and their components guarantee are in line with the process. The Laboratories in Florence are equipped with a railway plant for instrumenting trains for dynamic tests as well as all special equipped benches and tracks to perform static and almost static tests. The company provides also measuring coaches equipped with most advanced technologies such as measuring system of rail profiles and track geometry, that can be utilized for testing and commissioning of new or upgraded conventional, high speed and metro lines. Italcertifier is the only company that carried out certification tests up to 390 km/h on vehicles for commercial operation. Italcertifier has also gained a great experience in ERTMS Level 1 and 2.



## Major Accreditations

**Notified Body (No.Bo)** for EC certification in accordance to TSI for interoperability constituents and subsystems (*Authorization from the Ministry for Infrastructure and Transport*) and as **Independent Safety Assessment (ISA)** for safety assessment of railways products and subsystems (*Authorization from the National Railway Safety Agency - according to the European Directive 2016/797/EU, recognized by the Italian Legislative Decree 57/2019*).

**Assessment Body for Risk Assessment (As.Bo.)** in accordance to EU Regulation 402/2013.

**Conformity Assessment Body (CAB)** for certification of products, services and processes regarding railways subsystems and related constituents (*Accreditation released by Accredia - Italy's National Accreditation Body - according to the standard ISO/IEC 17065*).

**Inspection Body Type A** for: a) Inspections and assessment of Structural and Functional Subsystems and related constituents applicable to combined transport and Common Safety Methods; b) Design review in civil and industrial engineering works aimed at project validation, as stated in Decree n. 50/2016 (*Accreditation released by Accredia - Italy's National Accreditation Body - according to the standard ISO/IEC 17020*).

**Designated Body (De.Bo.) in Italy** for the compliance to National Technical Rules in the Railway sector (*Accredited by the Italian Ministry for Infrastructure and Transport*).

**Designated Body (De.Bo.) in Greece** for the evaluation compliance to National technical Rules (*Appointment by the Greek Minister of Infrastructure, Transport and Networks, according to article 17 of 104/2070 -A181*).

**Conformity Assessment Body (CAB) providing audit and certification for Asset Management System** according to ISO 55001 (*Accreditation released by Accredia - Italy's National Accreditation Body - according to the standard ISO/IEC 17021-1*).

Italcertifier **Laboratories** are a multi-site accredited Laboratory with accreditation certificate n. 1490 L according to the UNI CEI EN ISO/IEC 17025:2018 standard by Accredia

Moreover Italcertifier offers services as Independent **Competent Person (ICP)** for all the railway subsystems for Railway and Metro Transport Systems.



## About Us

Italcertifier, established in 2001, represents an Italian center of excellence in Certification, Testing and Safety Assessment in Transport field; in particular in railway and guided transport sectors.

Italcertifier has a corporate structure composed by Ferrovie dello Stato Italiane Group, the Italian Railways State Company, as the main shareholder, by the Tuscany Regional Government and by four prestigious Universities: University of Naples, Federico II, University of Florence, University of Pisa, Polytechnic of Milan.

With these corporate members, Italcertifier, expands its spectrum of expertise by creating a hub of excellence for everything related to safety in the railway sector and beyond.

A deep understanding of industry processes and transport management, together with a high number of professionals operating in the Company, guarantees the know-how necessary to ensure personalized and high level services as "third party body". Italcertifier indeed is the most qualified Italian reference point for the railway sector and fulfils all international accreditation requirements.

The company is involved by public and private organizations operating in the rail industry and guided transport environment, in the area of third party certification and assessment spread across international geographies. The company can benefit of the best skills and expertise, with unique competences gained through years of experience directly acquired working within the Ferrovie dello Stato Italiane Group for all the rail subsystems: Civil Infrastructure, Energy, Rolling Stock and Signalling on Conventional and High Speed railways as well as Metro and Light Rail systems.

Italcertifier carries out certification and assessment activities of products and subsystems, from the design, through documents' analysis, simulations and testing prototypes, up to the construction, testing and final commissioning.

Moreover Italcertifier has a deep experience and competence in the assessment activities of verification and validation of projects in both national and international context.

