



ITALCERTIFER

GRUPPO FERROVIE DELLO STATO ITALIANE







A Client-focused Company

In more than 20 years of experience, Italcertifer has developed a customer-oriented approach, being able to follow with the proper its services the clients during the certification and evaluation activities. In fact, the Company's value-added services can significantly increase the Clients' competitiveness on the international market, making their point of strength grow and reach the highest safety level. Italcertifer Clients include the most important players of the Rail and Mass Transit Sectors.

An International Footprint

Thanks to the know-how gained through the certification of the Italian Conventional and High Speed railway network, rolling stock and several products/subsystems for the main worldwide manufacturers, in more than 20 years of activity, nowadays Italcertifer boasts an international presence all around the world. Its curriculum includes many relevant projects in countries such as Australia, Belgium, Bulgaria, Colombia, Denmark, Finland, France, Germany, Greece, India, Japan, Peru, Poland, Romania, Saudi Arabia, Serbia, Spain, Sweden, Switzerland, Thailand, Turkey, and the United Arab Emirates.

Our Services

Certification

As a Notified Body (No.Bo.) and a Designated Body (De.Bo.), Italcertifer performs the whole process 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 EU Technical Specifications Interoperability (TSIs) as well as the national requirements requested by Railway Operator and Infrastructure Managers to obtain the mandatory authorizations.

Inspection

As an Assessment Body (As.Bo) and Independent Safety Assessor (ISA) Italcertifer carries out the necessary activities to evaluate the safety compliance of all the railway products and subsystems (Rolling Stock, Signalling Systems, Rail operation, Energy, Infrastructure and Maintenance).

Italcertifer also issues ISO 55001 Asset Management System Certification ensuring that the Client assets are efficiently managed to reduce the company risk, to gain competitive advantage, and to improve corporate performance.

As Type A Inspection Body, Italcertifer makes assessment for public clients, with the aim of providing evaluation about conformity of inspected items against regulations, standards, specifications, or contract requirements in accordance with the article n. 26 of the Italian Legislative Decree 50/2016 ("Verifiche di Progetto" – Project Verifications).

Independent Verification

Italcertifer has been appointed in many countries to assess project conformity with norms and applicable specifications as Independent Checking Engineer (ICE), Design Verification Engineer (DVE), Safety Verification Engineer (SVE), Independent Verification & Validation (IV&V), or Independent Competent Person (ICP).

Laboratories

Accredited to the reference Standard UNI CEI EN ISO/IEC 17025:2018 and located in Florence and Rome, Italcertifer Rail Laboratories, provide testing, measurement, and engineering services in the railway-tramway sector.

Italcertifer Test Laboratories carry out tests for Mechanical, Braking and Signaling Systems, as well as Electrical Equipment, Environmental, and Safety measures. The measurements related to rolling stock, wayside installations, railway infrastructure and their components ensure the compliance with the process. The braking components lab is recognized by The International Union of Railways (UIC).

The Florence Rail Laboratories 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 also provides measuring coaches equipped with most advanced technologies such as measuring system of rail profile and track geometry, that can be utilized for testing and commissioning of new or upgraded conventional, high speed and metro lines.

Italcertifer is the only company that carried out certification tests up to 390 km/h on vehicles for commercial operation.

The Control Command and Signaling Italcertifer Test Laboratory in Rome is a member of EAL ERTMS Accredited Lab with a long experience in ERTMS Level 1 and 2.



Major Accreditations

Notified Body (No.Bo.) for EC certification in accordance with TSIs for interoperability constituents and subsystems (*Authorization from the Ministry for Infrastructure and Transport*)

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 (As.Bo.) for Risk Analysis in accordance with 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*).

OIF in Italy for rail network not connected to national rail infrastructure.

Designated Body (De.Bo.) in Greece for the evaluation compliance to National technical Rules (*appointment by the Greek Minister of Infrastructure, Transport and Network*).

Designated Body (De.Bo.) in India for products and systems according to RDSO Empanelment Letter.

ECM certification Body according to Reg. 779/2019/EU.

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 17021-1:2015*).

Italcertifier **Laboratories** are a multi-site accredited Laboratory according to the UNI CEI EN ISO/IEC 17025 standard by Accredia.



About Us

Established in 2001, nowadays ITALCERTIFER is the Italian Railways excellence centre in Testing, Inspection, and Certification.

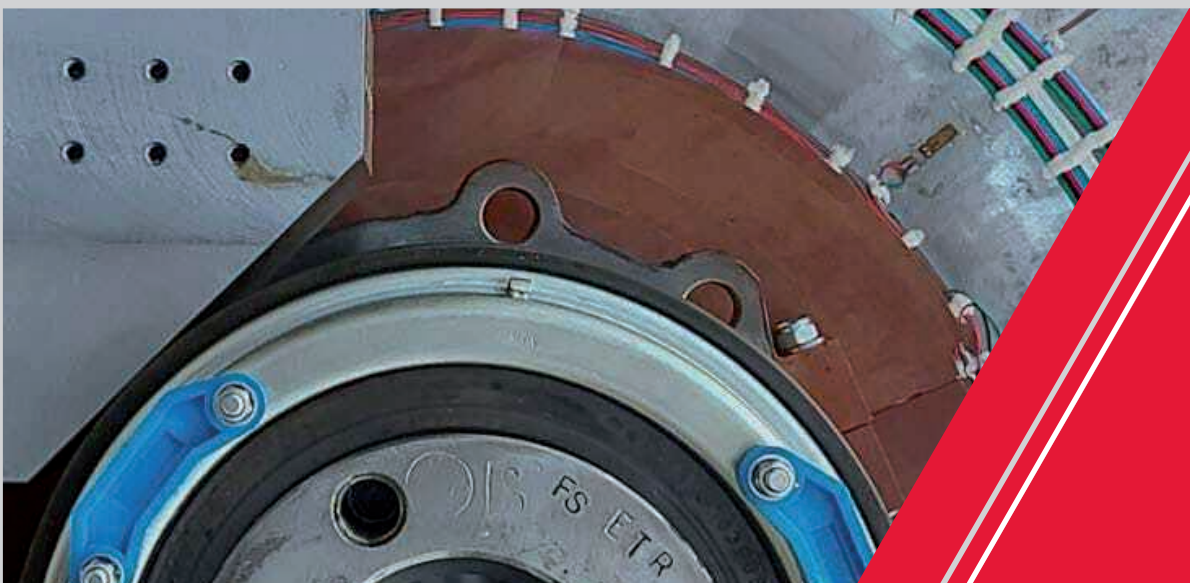
Italcertifer shareholders group include important state-owned entities: starting from Ferrovie dello Stato Italiane (the Italian State Railways Company) as the main state-subsidary actor, along with the Regional Council of Tuscany, to end up with four prestigious Italian Universities: the University of Naples "Federico II", the University of Florence, the University of Pisa, and, the last but not the least, the Polytechnic University of Milan.

Thanks to these corporate members, Italcertifer can be considered as the leader of the compliance and safety evaluations in the Italian railway field and beyond, ensuring the proper know-how for high-level services as "third party body" with a huge number of professionals operating worldwide thanks to the great reference list and also thanks to international accreditations, recognitions, and notifications.

With unparalleled skills gained through years of experience directly acquired working within the Italian State Railways Group for all the rail subsystems, the Company works worldwide as Independent Assessor and Certification Body, playing a 360-degree role in the railway industry and guided transport sector from Civil Infrastructure, Energy, and Rolling Stock, to Signaling sector, including Operation and Maintenance on Conventional and High Speed railways as well as Metro and Light Rail systems.

Italcertifer carries out products and subsystems evaluation activities through document analysis, inspections, simulations, and testing prototypes, from the design and construction phases up to testing and final commissioning.

Moreover, Italcertifer may offer its extensive experience and competence in the assessment activities of project verification and validation, in both national and international contexts.





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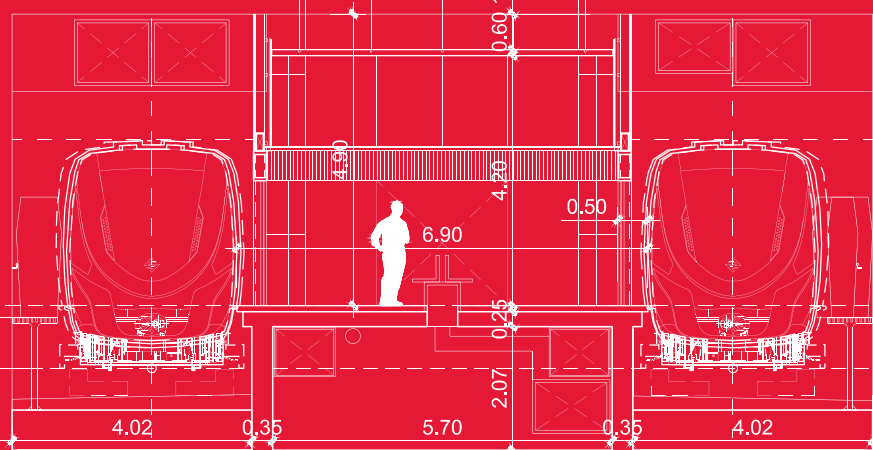
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