



# PRODUCT CERTIFICATION

ASSURE COMPLIANCE WITH WORLDWIDE STANDARDS AND MARKET REGULATIONS

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**SGS**



## YOUR COMPETENT BUSINESS PARTNER FOR

For many manufacturers Product Certification is something new. Therefore we provide more than just the minimum that is required for Product Certification.

SGS provides know-how and expertise that go beyond the regular certification service. We help you to understand the concept of diverse certification and the purpose of the various steps that are required.

SGS supports you to take ownership of the product certification process, so that your company will gain new expertise.

Headquartered in Geneva, Switzerland, the SGS Group is the global leader and innovator in inspection, verification, testing and certification services. Founded in 1878, SGS is recognised as the global benchmark in quality and integrity.

With more than 64,000 employees, SGS operates a network of over 1,250 offices and laboratories around the world.

Industrial Services as one of the largest business lines within the SGS Group is a global provider of technical inspection, verification, testing and conformity assessment services for all industrial markets.

The core values of complete independence, transparency and integrity guide us in our mission to deliver first-class services on a constant high quality level to customers around the world.

Partnering with SGS guarantees access to unparalleled know-how and facilities. We eliminate uncertainty, enhance mutual confidence, and offer you the freedom to concentrate on the things that really matter: the growth of your core operations and the profitability of your enterprise.





## INSPECTION, CERTIFICATION, VERIFICATION AND TESTING

### CE-MARKING

CE-Marking is to indicate that the product on which it is affixed complies with the EU Product Safety Directives. These directives apply to all products that are put into service inside the European Economic Area (EEA) for the first time.

SGS has the expertise, the international organisation and long-term testing experience to help you to place the CE-Mark on your products. The CE consultant at SGS knows exactly what is and what is not required. This means you save time and money.

SGS assists during the whole process of obtaining your CE-Marking or just a part of it. We can provide advice and guidance as well as practical and hands-on support. SGS can guide you through the process of attaining CE-Marking, from Design Verification, and setup of your Technical File to the EC-Declaration of Conformity.

SGS helps to form the preliminary investigation and interpretation of directives including the application of the CE-Marking. SGS has complete knowledge of the procedures, and offers an integral approach.

SGS is Notified Body for nearly all European Product Safety Directives. Thanks to our unique global network we can assist manufacturers around the world in meeting the health and safety requirements for CE-Marking.

European standards and legislation that must be complied with are such as

- 97/23/EC: Pressure Equipment Directive (PED)
- 87/404/EEC: Simple Pressure Vessel Directive
- 99/36/EC: Transportable Pressure Equipment Directive (TPED)
- 98/37/EC: Machinery Directive
- 95/16/EC: Lifts Directive
- 73/23/EEC: Low Voltage Directive
- 89/336/EEC: Electromagnetic Compatibility Directive
- 89/686/EEC: Personal Protective Equipment Directive
- 90/396/EEC: Directive for Appliances burning gaseous fuels
- 92/42/EEC: Hot Water Boiler Directive
- 93/42/EEC: Medical Devices Directive
- 2000/14/EC: Directive for Noise Emission in the environment by equipment for use outdoors

- 2001/16/EC: Directive for Interoperability of the trans-European conventional rail system

SGS advises you on all questions and problems during the whole CE-Marking process

- Advice on the CE-Marking Process
- CE Audits and EMC Testing
- Workshops and Trainings
- Risk Analysis and Assessment
- Technical File
- User Manual and Instruction Card
- Interpretation Issues
- EC Declaration of Conformity
- Certificate of Verification





## VALUE-ADDED SOLUTIONS WHICH REDUCE RISK,

### PRESSURE EQUIPMENT CERTIFICATION

SGS is not only Notified Body for the European Pressure Equipment Directive (PED) and for many other international certification schemes, but also acts as an ASME Authorised Inspection Agency. Thus, we can offer a complete certification package for pressure equipment.

SGS checks newly designed vessels and tanks according to all international design codes and standards. Constructors and users of pressure equipment and storage tanks benefit from the many years of experience, modern equipment and expertise of SGS inspectors. They conduct inspections in conformity with regulations and standards, and review the significance of the results, and find solutions for problems together with you.

SGS is the ideal partner during new construction, overhauls or in turn-arounds, in newly planned or existing plants and installations.

#### FULL SERVICE

- Verification of calculations/drawings before construction
- Verification of welding files and material certificates
- Interim inspections during the construction phase
- Witnessing of hydrostatic testing
- Stoking tests on steam equipment
- Safety device and connection controls
- Periodic visual controls both inside and outside
- Determination of intrinsic boiler water quality
- Field inspectors and coordinators
- PED, TPED, ASME inspections and audits
- Welding procedure and welding qualifications for all international standards, including ASME, ISO 15614 and DIN 8560

#### RECOGNITION AND ACCREDITATIONS

- Notified Body for Pressure Equipment Directive (PED)
- Notified Body for Transportable Pressure Equipment Directive
- Acting as ASME Authorised Inspection Agency
- Accreditation according to EN ISO/IEC 17020 and 17025
- Recognised Third Party Organisation Welding Approvals
- Authorised Inspection Agency for DOSH Malaysia
- Authorised Inspection Agency for Indian Boiler
- Authorised Inspection Agency for MOM (Ministry of Manpower) Singapore
- Authorised Inspection Agency for Australia, New Zealand and South Africa
- Approved API Inspectors
- Approved NACE Inspectors



## ENHANCE VALUE AND MAXIMISE RETURNS

### LIFTS AND MACHINERY DIRECTIVE

Manufacturers introducing lifting and hoisting equipment into the EU need to assure that their equipment meet the requirements of the European Machinery or Lifts Directive. Users and owners of this equipment have to make sure that the equipment is in compliance with national regulations for safe working environments.

In both cases SGS can help. SGS inspectors know and understand the legal conditions and regulatory requirements throughout the world. They know exactly how and when lifting and hoisting equipment must be assessed, tested or inspected. Their expertise, experience and modern equipment enable them to trace any defects in a timely manner.

SGS assures your lifting equipment does not need to be taken out of use unnecessarily, thus avoiding costly interruptions. SGS is there for you and ready to provide immediate assistance. Flexibility and a service-oriented approach characterise the way we operate.

#### FULL SERVICE

- Lifts
  - EC Type Examinations
  - Final inspection, prior to use
  - Periodic inspections
  - Inspections after conversion, modification and modernisation
  - Expert reports
  - Full Quality Assurance
- Hoisting equipment (cranes, etc.) and lifting equipment (elevating platforms, telehandlers, fork-lift trucks, etc.)
  - EC Type Examinations
  - Periodic inspections
  - Inspections prior to use
  - Design studies and calculation review
  - Advice with load increases
  - Assessment of conformity with regulations
- Steel construction (scaffolding, masts, antennas, walkways, industrial halls, anchorage)
  - Periodic inspections
  - Inspections prior to use
  - Design studies and calculation review

- Fall protection equipment (harnesses, climbing protection, lifelines, etc.)
  - Periodic inspections
  - Inspections prior to use
  - Design studies and calculation review

#### RECOGNITION AND ACCREDITATIONS

- Notified Body for EU Lifts Directive
- Notified Body for EU Machinery Directive
- National Recognition in various countries around the world
- Accreditation according to EN ISO/IEC 17020 and 17025



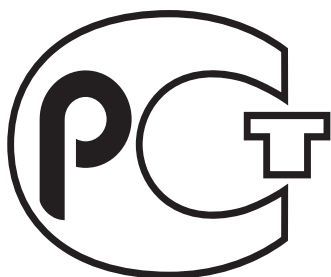
## YOUR PRODUCTS **ACCESS TO THE WORLD MARKET**

### IMPORT CERTIFICATION

#### IMPORT TO RUSSIA/CIS - GOST R CERTIFICATES OF CONFORMITY

Russia and a number of other countries from the ex-USSR with large populations, diverse economies and reforming industrial base offer good long term potential for exporters.

However, CE-Marking and most international quality standards are not recognised by Russian/CIS authorities, and goods imported into Russia, Ukraine, Kazakhstan and other CIS markets are liable to various national certification or licensing systems.



SGS assists international companies to do successful business in Russia and other CIS countries in compliance with statutory and/or client based requirements.

Today, the GOST R Certificate of Conformity is the most common permissive document in Russia testifying that your product meets necessary safety standards.

Apart from issuing GOST R Certificates of Conformity, SGS also assists exporters in obtaining other approvals necessary to sell or to exploit their products in the Russian territory such as

- RTN (ex GGTN) Permit of use for hazardous industrial equipment
- Pattern Approval Certificate for measuring instruments
- Ex-Proof Certificate for explosion proof equipment and materials
- Fire Safety Certificate for flammable or fire extinguishing products
- Telecom Type Approval for telecommunication equipment and devices

Our certification services as mentioned above are accompanied by auxiliary activities like

- Advisory services
- Training seminars
- Translation services

#### IMPORT CERTIFICATION FOR IRAN

Iranian Import regulations are complex, and often require extensive documentation. Goods shipped to Iran mostly require to be supported by an inspection certificate, issued by an ISIRI (Institute of Standards and Industrial Research of Iran) recognised international inspection company and certified by a Chamber of Commerce.

Being one of the most significant ISIRI accredited inspection companies for the above mentioned services, SGS is an ideal partner to assist you in complying with the Iranian Import regulations.

#### IMPORT CERTIFICATION FOR SAUDI ARABIA

Many products exported to the Kingdom of Saudi Arabia must be accompanied by a Certificate of Conformity (CoC) issued by an authorised company.

SGS is authorised and pleased to support this programme. We assist exporters and provide them with all necessary information about the programme and the goods they intend to ship to the Kingdom of Saudi Arabia.

# GLOBAL & LOCAL



**WITH MORE THAN 67,000 EMPLOYEES, SGS OPERATES A NETWORK OF OVER 1,250 OFFICES AND LABORATORIES AROUND THE WORLD.**

**CONTACT US** [WWW.SGS.COM/INDUSTRIAL](http://WWW.SGS.COM/INDUSTRIAL) OR [INDUSTRIAL.GLOBAL@SGS.COM](mailto:INDUSTRIAL.GLOBAL@SGS.COM)

