



**Add value.
Inspire trust.**

Brazil INMETRO Certification

Ensure that your products successfully meet Brazilian standards by working with a market leader, TÜV SÜD. TÜV SÜD fully understands the local requirements and procedures applicable in Brazil.


General information

This factsheet is to introduce general certification information for electrical household appliances.

Brazil INMETRO (National Institute of Metrology, Quality and Technology) establishes criteria for the Program for Conformity Assessment of household and similar appliances,

with a focus on safety requirements, through the mechanism of certification, meeting the requirements of INMETRO Decree aiming to prevent consumption accidents and protect consumers in relation to electrical, mechanical, thermal, fire hazards and radiation of appliances when in normal use.

Conformity certification

Certification type	Certificate validity	Certification mark	Certification Body
IMETRO Certificate (Mandatory)	6 years		TÜV SÜD do Brasil – SFDK (OCP-0101)

Regulated products

Regulated electrical household appliances are defined in INMETRO Ordinance.

Ordinance	Appliances
Decree 148	IEC 60335-2-x household products (with exceptions regulated in independent Ordinance) Vacuum cleaners; electric irons; room heaters; range hoods; sewing machines; pumps; ovens; toasters; grillers etc.
Ordinance 497	Microwave ovens
Ordinance 144	LED lamps with built-in device

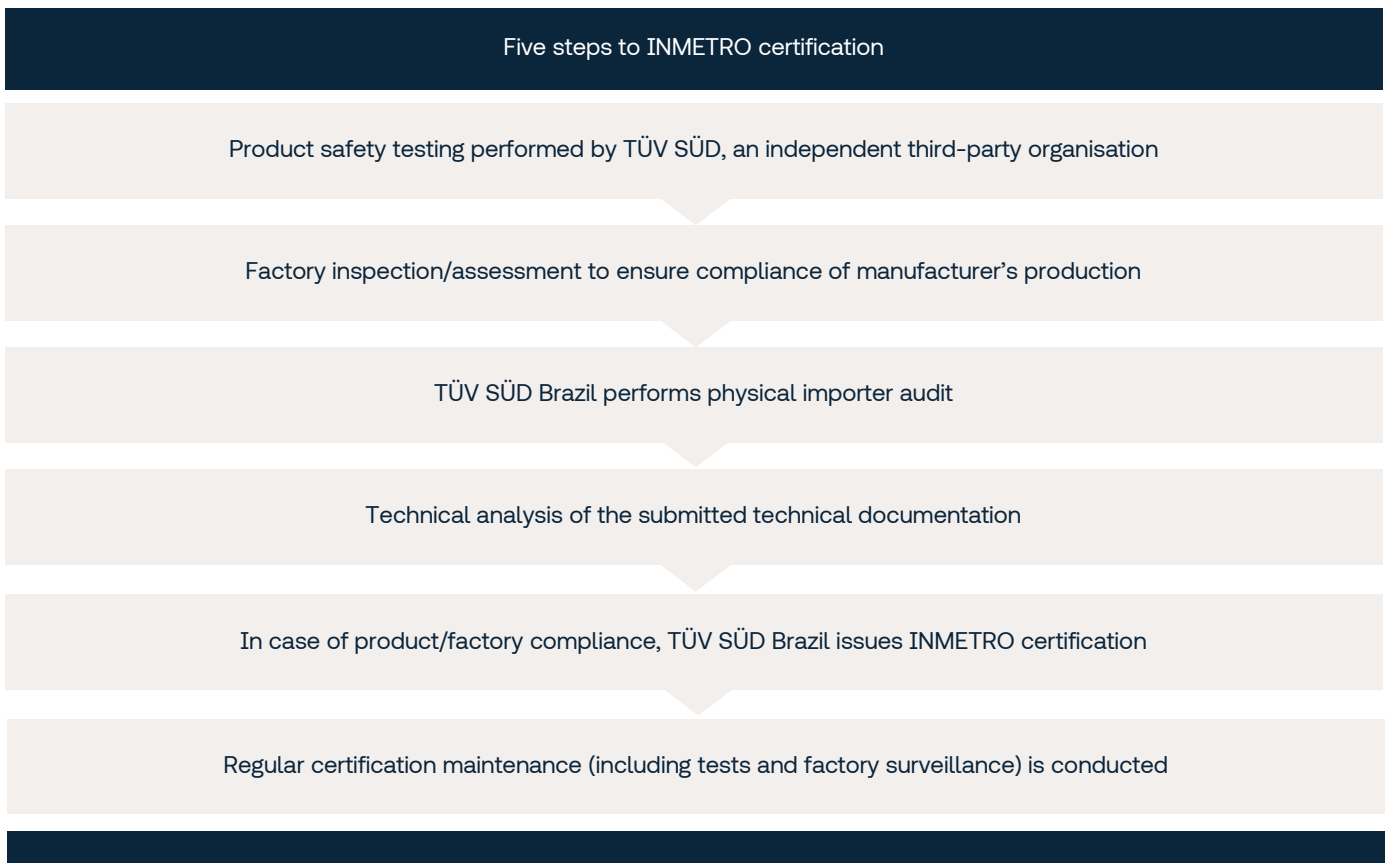
Basic country deviation

Official language	Portuguese (Brazil)
Rated voltage	127V or 220V AC
Frequency	60Hz
Plug standard	ABNT NBR NM 60884-1
Local climate conditions	N/A
Instruction manual	Portuguese (Brazil)
Critical component list	Electrical components and cables for electrical installation require INMETRO certification in order to be imported and commercialised in the country

Basic application requirements

Test report standard	Test is done according to Brazilian NBR standards or IEC standard with national deviation (NBR standards are converted from IEC standards and include national deviations). No EMC requirements.
Lab accreditation	INMETRO accredited labs and/or accredited bodies: a) Inter American Accreditation Cooperation – IAAC b) European Cooperation for Accreditation – EA c) International Laboratory Accreditation Cooperation – ILAC
License holder	Brazilian company with CNPJ number (Tax ID Number)
Factory inspection	Required. Performed by TÜV SÜD accredited inspectors.
Shipment inspection	N/A
Rating label	1. INMETRO logo 2. Model name & number 3. Country of origin in Portuguese (e.g. Fabricado na China) 4. Voltage, power input/output, class 5. Local representative name & address Remark: Label must be translated fully into Brazilian Portuguese
Maintenance requirements	Annual maintenance is required. Sample collecting and testing are needed. TÜV SÜD will approach the customer before kicking off maintenance process.
Customs clearance	INMETRO certificate is not a customs clearance document

Application procedure





TÜV SÜD has the expertise and laboratory infrastructure to support manufacturers in obtaining the necessary approvals and compliance in accordance with the Brazilian standards and requirements.

Application lead time and fee

Please contact the nearest local TÜV SÜD office for information.

Your business benefits

- **Save time and money** – by covering all your testing and certification needs through our one stop solution, as well as using our technical pre-check service to avoid retests and minimise costs.
- **Minimise risk** – from business disruption by ensuring that your products conform to a broad range of global market regulations.
- **Shorten time to market** – through TÜV SÜD's process systems and advanced knowledge of regulations.
- **Enjoy expert partnership** – with our team of highly skilled experts that possess in-depth knowledge of the latest changes and updates to global regulations and standards.

How can TÜV SÜD help you?

TÜV SÜD is one of the world's largest independent providers of testing and certification services. With our complete knowledge of local legislation, guidelines and standards, we assist you to achieve compliance for your consumer and industrial products within the Brazilian market. TÜV SÜD group has the experience and capability able to support manufacturers in attaining compliance with Brazilian regulatory requirements and obtaining the necessary approvals.

TÜV SÜD is accredited by INMETRO as a Certification Body. We are continually expanding our scope within INMETRO. Currently, we provide all the necessary services for INMETRO including factory audits, Legal Representative assessments, testing and technical evaluation. We strive to offer comprehensive and competitive services and certification packages. Please contact us directly for details on our current accreditation scope for INMETRO certification.

Add value. Inspire trust.

TÜV SÜD is a trusted partner of choice for safety, security and sustainability solutions. It specialises in testing, certification, auditing and advisory services. Since 1866, the company has remained committed to its purpose of enabling progress by protecting people, the environment and assets from technology-related risks. Through more than 25,000 employees across over 1,000 locations, it adds value to customers and partners by enabling market access and managing risks. By anticipating technological developments and facilitating change, TÜV SÜD inspires trust in a physical and digital world to create a safer and more sustainable future.