

# Certificate



Standard: **NBR ISO 14001:2015**

Certificate Number: TUV.14.3253.3467.14

Certificate Holder: **SIEMENS LTDA.  
Energy Management**

Scope: Solutions in systems integration, electrical equipment and automation. Sale, design and development, services, production, repairs, monitoring, installation and management of projects, products and systems of generation, transmission and distribution of energy. Provider of integrated energy infrastructure, covering the whole conversion chain. Products and systems for energy support, lighting, switches and sockets. Sales of products, softwares, services and solutions for measurement and operation of electric power and fight against losses in low, medium, high and extra-high voltage for utilities, industries and other business areas.

Proof has been furnished by means of an audit that the requirements of ISO 14001:2015 are met.

The due date for all future audits is 22.08.

Validity: The certificate is valid from 10.09.2018 until 12.10.2020.  
Certification Date: 13.10.2014

São Paulo, 10.09.2018

  
Plínio Pereira  
TÜV Rheinland do Brasil Ltda.

# Annex to Certificate

Standard: **NBR ISO 14001:2015**

Certificate Number: TUV.14.3253.3467.14

Sites:

BU	Scope	Site
High Voltage Products TUV.14.3253.3467.14/01	Design, production, sale and installation of: SF6 Circuit Breakers - Rated voltage from 72,5 kV to 800 kV and disconnectors - Rated voltage from 15 kV to 800 kV, line traps - Rated voltage up to 800 kV, dry reactors with air core up to 800 kV, Petersen coils up to 145 kV; Resale of surge arresters for systems from 15 kV to 800 kV, instrument transformers - Rated voltage up to 800 kV, capacitive bushings up to 800 kV, SF6 gas insulated switchgears type up to 800 kV and long rod insulators up to 500 kV.	Avenida Engenheiro João Fernandes Gimenes Molina, 1745 - Distrito Industrial - CEP 13213-080 - Jundiaí / SP - Brasil
Transmission Solutions Technology and Innovation 3   Power Capacitors TUV.14.3253.3467.14/02	Design, manufacturing, research and development, routine and type testing, marketing and sales of capacitors with voltages above 1.000 V and unit power ratings up to 1.500 kvar.  Design, assembly, packing, marketing and sales of capacitors banks and harmonic filters for direct current systems (HVDC - High Voltage Direct Current), reactive power compensation systems (FACTS - Flexible Alternating Current Transmission Systems) and other transmission and distribution power systems.	Avenida Engenheiro João Fernandes Gimenes Molina, 1745 - Distrito Industrial - CEP 13213-080 - Jundiaí / SP - Brasil
Transformers TUV.14.3253.3467.14/03	Development, design, production, sales and repairs of distribution transformers, cast resin transformers, power transformers, power transformers, reactors and special transformers.	Avenida Engenheiro João Fernandes Gimenes Molina, 1745 - Distrito Industrial - CEP 13213-080 - Jundiaí / SP - Brasil
Transmission Solutions TUV.14.3253.3467.14/04	Offers, sales and project execution to provide integrated transmission energy solutions including technical consulting services; physical and financial planning; development basic and executive engineering design; project management; acquisition of services, equipments, materials and supplies; transport; construction; assembly; commissioning; training; after-sales and provision of air-insulated (AIS), hybrid (HIS), gas insulated (GIS), mobile substations; air-insulated, gas-insulated (GIL) and submarine transmission lines; Isolated and air-insulated distribution lines; shunt, series (fixed (FSC) and controlled (CSC) ), static (SVC) and synchronous compensation systems, tuned and damped harmonic filters, referred to as flexible AC transmission systems (FACTS); high-voltage DC (HVDC) systems and back-to-back transmission systems.	Avenida Engenheiro João Fernandes Gimenes Molina, 1745 - Distrito Industrial - CEP 13213-080 - Jundiaí / SP - Brasil

# Annex to Certificate

Standard: **NBR ISO 14001:2015**

Certificate Number: TUV.14.3253.3467.14

Sites:

BU	Scope	Site
<p>Medium Voltage &amp; Systems TUV.14.3253.3467.14/06</p>	<p>Sales, project, development, production and services of: medium voltage disconnect switches, medium voltage circuit breakers (for retrofitting, fixed executions, wheeled support devices, withdrawable modules with/without door, with integrated components, such as current transformers, voltage transformers, lightning arresters, off-load disconnect switches and protection relays), medium voltage panels and cubicles (GIS - gas insulated systems - and AIS - air insulated systems), power distribution systems under the turn-key method, low voltage panels and shielded busbar systems. Sales of medium voltage vacuum interrupters, disconnectors, on-load disconnect switches, fusible disconnect switches and medium voltage contactors. External use (outdoor) circuit breakers live-tank and dead-tank; three-phase and single-phase medium voltage reclosers; inverters for solar systems and energy storage systems.</p>	<p>Rua Gerson Benedito de Assis, 281 - Distrito Industrial - CEP 13213-000 - Jundiaí / SP - Brasil</p>
<p>Digital Grid TUV.14.3253.3467.14/07</p>	<p>Sales of products, systems, solutions, services, and software for automation protection, control of substations and power distribution networks; sales of products, services and solutions for the measurement and operation of electric power and loss control for low, medium and high voltage for power utilities, industries and other business areas, including:</p> <ul style="list-style-type: none"> <li>- Power quality products, remote terminal units and power quality systems; disturbance recorders, protective relays, power meters, protection system accessories and transducers, short circuit indicators / sensors, power automation software;</li> <li>- Communication infrastructure, smart metering and Smart Grid applications, operation and control centers (SCADA, EMS, OMS, ADMS), MDM measurement centers;</li> <li>- Operation and maintenance of measuring systems and equipment;</li> <li>- Platforms for network planning, supervision and simulation, consulting, studies and planning;</li> <li>- Research and Development; system development and integration;</li> <li>- Contract management and installation;</li> <li>- Development of basic and executive electrical design; application engineering, parameterization, inspection and testing, commissioning;</li> <li>- Repair of protective relays and accessories, technical assistance; technical support center for protection, supervision, control, measurement and automation systems for generation, transmission and distribution of electricity;</li> <li>- Training;</li> <li>- Manufacturing of panels for protection and electrical control.</li> </ul>	<p>Rua Gerson Benedito de Assis, 281 - Distrito Industrial - CEP 13213-000 - Jundiaí / SP - Brasil</p>

© TÜV, TÜEV and TUV are registered trademarks. Utilisation and application requires prior approval.

# Annex to Certificate

Standard: **NBR ISO 14001:2015**

Certificate Number: TUV.14.3253.3467.14

Sites:

BU	Scope	Site
Low Voltage & Products TUV.14.3253.3467.14/11	Design, Development, Manufacture and Commercialization of Switches, Sockets, Plugs and Accessories for domestic and commercial use.	Avenida Nazário, 2100 - Estância Velha - CEP 92035-000 - Canoas / RS - Brasil
Customer Services TUV.14.3253.3467.14/12	Expansion, modernization, operation and maintenance of substations, equipment, monitoring and maintenance of equipment, supply of solutions, parts and spares, including: <ul style="list-style-type: none"><li>- Predictive, preventive and corrective maintenance;</li><li>- Replacement or removal of equipment;</li><li>- Spare parts management and supply of high, medium and low voltage spare parts;</li><li>- Spot, long-term or full outsourcing operation and maintenance contracts.</li></ul>	Rua Gerson Benedito de Assis, 281 - Distrito Industrial - CEP 13213-000 - Jundiaí / SP - Brasil

São Paulo, 10.09.2018

  
Plínio Pereira  
TÜV Rheinland do Brasil Ltda.