



# Siemens Colombia Transformers Factory-SAT

Our factory located in Tenjo, Colombia, has a capacity to manufacture more than 3.400 MVA per year and is considered one of the most productive factories of Siemens worldwide.

[www.transformadores.siemens.com](http://www.transformadores.siemens.com)

## ¿Why buy at Siemens?

### Engineering Word Class Engineering



- Reliable and accurate transformer design software, including FEM for electric and magnetic field calculation.
- 3D parametric Software, to visualize the Transformer before it is manufactured.
- Standard or tailor-made designs from 3kVA to 100MVA, up to 230 kV.
- Seismic designs per IEEE 693 or other standards.
- Local R&D group supported by headquarters.

### Manufacturing processes Productivity in our processes.



- Processes aligned with LEAN philosophy.
- Good practices shared between all factories worldwide.
- Own manufacturing processes for all transformer sub-assemblies, cores, insulations, tanks (Outsourcing) and coils.

### Quality Management & Environmental Health and Safety Systems World class quality .



- Quality certificates ISO9001, ISO14001, ISO45001, ISO50001 and UL among others.
- Modern ISO/IEC 17025 accredited testing field, acoustically insulated and shielded against electromagnetic fields to run tests under demanding national and international standards: IEC, ANSI/IEEE, NMX, among others.
- ISO/IEC 17025 accredited oil and metrology laboratories, with Siemens headquarters endorsement in Germany
- Designs Acc to DOE Energy Efficiency.
- UL label for substation transformers up to 38MVA and for Pad-mounted transformers.

## Continuous search for value

Solutions that add value to our customers.



- Accompaniment during the development of your solution.
- Understanding of your business and needs.

## Reliability

Results that show high quality.



- 721 years MTFB\*, based on the standard ANSI-C 57.117 the factory is classified as having an excellent quality level. (\*2018 LDT units).

## Logistics

Presence throughout the región



- Experience in the transport, assembly and commissioning of transformers for the entire American continent.
- Authorized Economic Operators AEO in Colombia .
- 20 years exporting to USA.

## After-sales Service

Product care during its life cycle.



- Service and support of your equipment during its life cycle.
- Specialized technical factory support for maintenance, repair, transportation and consulting services, as well as accessories and spare parts supplying.
- Regional Services Organization throughout America.
- Authorized Service Workshops network throughout the Americas.
- Siemens can offer up to 5 years of warranty. Terms and conditions apply\*  
\* (Only applies to United States and Canada).

## Local service

Siemens closer to you.



- Liquefied filled transformers factory located in Tenjo, Colombia.
- Sales support office for the Austral-Andina, Central America, the Caribbean and North America regions.

## Approval before clients

Approved as suppliers



- Siemens is approved as an authorized supplier for the main generation, transmission and distribution companies throughout the Americas.
- Frame contracts with many companies for different applications such as Utilities or O&G.

## Sensformer<sup>R</sup>


The Digital age has arrived



- Siemens puts digitalization at the service, disposition and reach of its customers through the evolution of the traditional transformer to the Digital Transformer- SensformerR, allowing clients access to vital information at any time and place through a mobile device, with a via GSM secure data transmission, cloud storage and analytical tools that allow in the other benefits verify their equipment lifespan.

For more information please visit the following link:  
<https://new.siemens.com/global/en/products/energy/high-voltage/transformers/sensformer.html>

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