

# Trans Electro

Working for the best



**TRANSFORMER  
SERVICES**

[www.transelectro.in](http://www.transelectro.in)

# ABOUT US

**TRANS ELECTRO** was established at Ahmedabad (in the State of Gujarat) in the year **1976**, as a family business in repair & servicing of transformers and allied products.

In South Gujarat region, there was a vacuum in the field of repair and servicing of Transformers.

This further expansion was planned and executed in **1993**. with experience of more than **40 years**.



## VISION

Transelectro intends to become a leading transformers manufacturing and repairing company both at a national and global level, focusing on high standards of product quality, production and testing methods, ethical behaviours, profitability, customer satisfaction and subsequent creating value for its stakeholders.



## MISSION

To expand our boundaries and become an established entity in providing service for repair of transformers globally and to establish our brand trans electro as a leading sales, service & trading of power distribution transformer. premium quality of transformers through a highly professional team and value driven business associated thereby creating the highest level of customer.





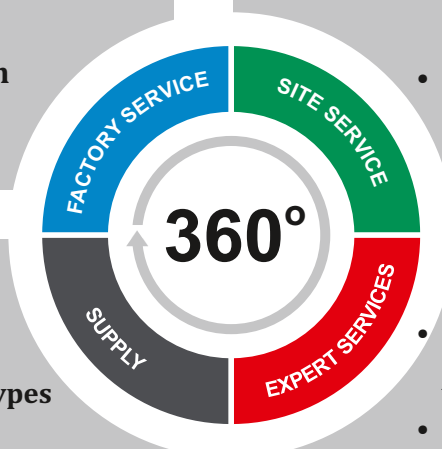
## TRANSFORMER 360° SERVICES

- Rewinding upto 100 MVA 220 KV
- All Type of Transformer Repairs
- Overhauling
- Off Site/On Site Autoclave Drsing
- Routine Diagnostic Testing
- Replacement and upgradation of all accessories

- Installation And Comissing Of Transformer
- All Type Of Leakage Attending
- On-site Painting With High-end Technology
- OLTC Selectors And Diverter Inspection & Repair

- Supply and Replacement for Complete Transformer
- Supply Of Replacement Of All Types OLTC & Bushings
- Study, Supply, Replacement/up Gradation New Cooling System
- Supply Of New Oli
- Supply TR's Bus Ducts & Cable Boxes

- Transformer Condition And Life Assessment Studies
- Root Cause Failure Analysis
- Oil Sampling And DGA Analysis.
- DFRA & SFRA And Consulation Services As Third Party



# TRANSFORMER REFURBISHING & REPAIRING

## WINDING

**TRANSELECTRO's coil winding shop is set up in a dust free, pressurized air and humidity controlled atmosphere. The facilities include**

- ◆ Spiral winding machines with pneumatic press rollers to maintain the coil dimensions.
- ◆ Fully automated foil winding machine.
- ◆ Specially designed PLC operated fully automated layer winding machines for wire/strip, which facilitate end filling and graded insulation. servo tensioner feature prevent elongation of conductors.
- ◆ Disc / Helical winding machines with expandable and collapsible type mandrels.



## CORE COIL ASSEMBLE

**TRANSELECTRO's core coil assembly section is in a controlled environment and of dedicated work stations equipped with required jigs, fixtures and pneumatic tooling for ease and enhanced productivity.**

- ◆ The active parts are handled with utmost care on a conveyerised system
- ◆ Satisfied facilities and infrastructure for producing transformer active parts with CRGO and amorphous metal core.
- ◆ Hydraulic crimping tools, copper / aluminum brazing set ups for proper contacts during connectings.
- ◆ Thermostatically controlled, motorized roller type continuous drying oven and autoclave.



# TANKING

**TRANSELECTRO's tanking and box up facility includes**

- ◆ State of the art oil filtration unit comprising of PPM controller and degassing unit.
- ◆ PLC operated on line vacuum and oil filling systems
- ◆ Pneumatic impact wrenches for fastener fixing



# Oil

The insulating oil used is low viscosity with good resistance to oxidation and formation of sludge and acids. Moisture content, dielectric strength etc is determined and certified by conduct relevant tested as per IS:335/1993. EHV grade oil.



# TESTING

**TRANSELECTRO's focus on quality is augmented with a modernized testing facility to perform.**

- ◆ All routine and temperature rise tests as per national & international Standards.
- ◆ Special tests viz., noise level measurements, zero phase sequence impedance measurement and harmonics under no-load, magnetic balance tests etc.
- ◆ Facilities for Pressure test as per relevant standard.
- ◆ Lightning Impulse Test.





# TRANSFORMER REFURBISHING & REPAIRING

Transformers are vital to ensure a trouble-free supply of power with no interruptions. whether your transformer has failed or you are planning timely corrective maintenance our team of experts are available for short term and long term repairs.



Before



After



## RENTAL SERVICE



We give standby transformers if there should arise an occurrence of the crisis on the chance of both indoor and outdoor application running from 100 kva to 100 mva up to 220 kv Class. We deal with amending the flawed transformer.



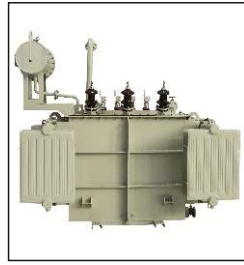
## TURNKEY PROJECT

Our organization has achieved a prestigious place in the market for rendering electrical transformer turnkey project services. These are highly appreciated in the market for adaptability & convenient finishing.





## SALES & PURCHASE



We are the professionally overseen organization occupied with giving an extensive variety of used transformer. These are managed approved sellers to guarantee magnificent quality highlights, the range offered by us is perceived for its simplicity of operation, precision, and longer serviceability. it requires less support.



## RENEWABLE ENERGY

Being one of the best organizations, we are exceedingly occupied with offering an extensive variety of solar distribution transformer. The offered transformer discovers its best applications in sunlight based production and distribution.



## WORK CONTRACT



We are open to carry job work like repair & service of transformers industries. we ensure that the services are given by profecient industry specialists in adherence to the regulated quality standards.



## AMC

We are occupied with offering a subjective transformer AMC Service to our significant customers. We offer this service in an amazing way inside a planned time allotment. The offered benefit is all around performed by our profoundly qualified architects utilizing ideal review apparatuses and propelled innovation.




# Contact us

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## FACTORY

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