



CCI Transformer Pvt. Ltd.

**AIMING
EXCELLENCE,
THROUGH
INNOVATION**

POWER. TRANSFORM. ENERGIZE.



CCI Transformer Pvt. Ltd.

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CCI Transformers Pvt. Ltd is a pioneer in engineering power distribution solutions for its clients. We are ISO 9001 – 2015 certified and believe in creating customer delight by consistently striving to exceed customer's expectations. We do this by understanding customer's needs and offering quality products at competitive prices with on time delivery.



ABOUT US



CCI was initially established in 1989 and started its commercial production from 01.04.1989 as a Private Limited Company. We are engaged in repairing and manufacturing of distribution & power transformers of various voltage classes and levels. The track record of our company is encouraging and our performance in the field of repairing and manufacturing of transformers is appreciated by our customers.

We have not only installed sophisticated machines and testing equipments in our unit so as to maintain efficiency and quality of products, but have also made arrangements for infrastructural designing and quality improvement as per demands and requirements of Electricity Boards/Corporations, Projects, Independent Power Producers, Indian Railways, Military Engineering Services and Private Customers within the country as well as overseas.

We have complete plant & machinery and testing equipments suitable to taking up repair and manufacturing of transformers from 25 KVA to 1000 KVA for distribution transformers & up to 10 MVA for power transformers.

Our main goal is **"Quality"** whereby we have a quality control unit that takes care of the quality of our products continuously. With all above and technical update of our Manufacturing machines, our company has crossed many milestones in the manufacturing and supply of good quality of transformers of various capacities from **25 KVA upto 1000 KVA** both for **11 KV and 33 KV** class Transformers to electricity boards in India and Industrial customers as well .The company is strongly concentrated on competitive prices, highest quality and timely delivery.





VISION, MISSION AND VALUES

VISION

The vision of CCI is to be recognized among the top five power distribution equipment manufacturing companies of India and to become the top exporter of power distribution equipments to the world.

MISSION

CCI will consistently strive to offer innovative and cost effective products and services to its customers by accurately identifying the customer's needs and providing value added services that will form the basis of long term customer delight.



Creating value with energy solutions, environment and transport that improve the peoples daily life, through the integration of different skills and more innovative technologies;

Developing people in an organization that values learning and continuos improvement.



Focusing
in the clients
success;



Promoting
the efficiency
for maximize
competitivity;



**Learning
and adapting**
for excellence;



**Building
confidence**to act
with safety and
integrity;



**Surpassing
challenges**and
delivering
results.

CORPORATE VALUES



Manufactured
8000+ transformers
from 1989 to 2018

Repaired 14000+
transformers from
1989 to 2018

ISO 9001 –
2015 certified

Exported Various rating
transformers to Nepal

Annual Turnover of
Rs. 58 million approx.
in the year ending 2010.

CPRI Type tested
transformers of ratings from
25 KVA to 630 KVA.

Approved by
N.E. Railway to supply
transformers up to
500 KVA capacity.

Computer **Aided**
Transformer Design
for efficient and energy saving,
low losses transformer design.

KEY ACHIEVEMENTS



RESEARCH & DESIGN @ CCI

We have a skilled team of engineers and we also develop our own designs which are approved by CPRI (Central Power Research Institute) & Electricity Boards / Corporation. We have our own testing equipments used for proper quality control. Details are available in the Plant & Machinery Section.





PRODUCT RANGE MANUFACTURING / REPAIRING

POWER TRANSFORMERS

DISTRIBUTION TRANSFORMER

ISOLATION TRANSFORMERS

RECTIFIER TRANSFORMERS

REGULATING TRANSFORMER

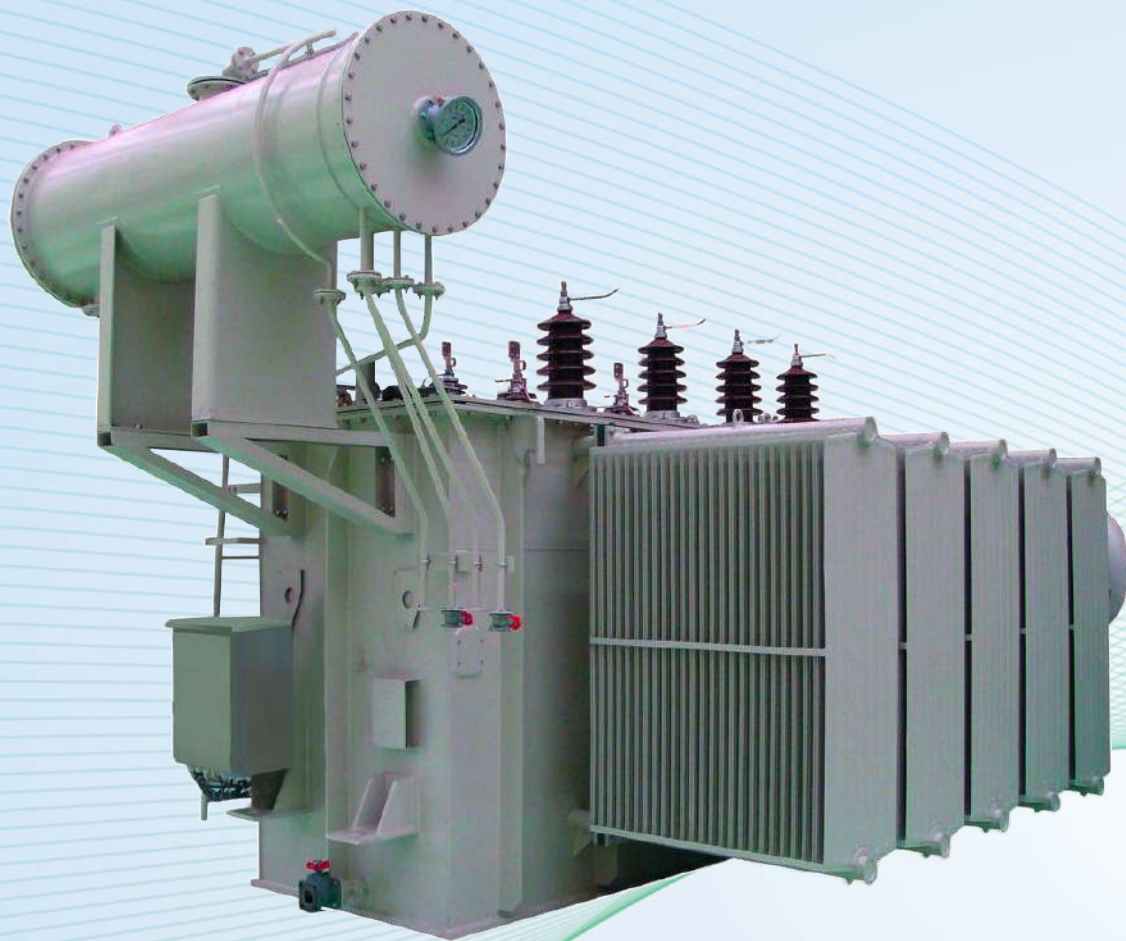
WELDING TRANSFORMERS

FURNACE TRANSFORMERS



POWER TRANSFORMERS

Manufacturing / Repairing



DISTRIBUTION TRANSFORMER

Manufacturing / Repairing



POWER TRANSFORMERS play an important role in the transmission of electricity from one part of electrical circuit to the other. With an average life-span of 30 years. These serve the best in step-up and step down of voltage as necessary to transmit the electrical Energy.

The manufacturing and repairing services of powertransformers has been carried in practice from past 30years. The greater efficiency and high-quality is our primary moto.

Technical Specifications & Product Range

Capacity (MVA)	Voltage Class (KV)
1	33kv / 11kv
2	33kv / 11kv
3	33kv / 11kv
4	33kv / 11kv
5	33kv / 11kv

Cooling Type: Air Natural Oil Natural
Frequency: 50Hz

Any other quality ratings on customer's demand

A DISTRIBUTION TRANSFORMER distributes the load to respective place from high voltage to low by stepping down the voltage. If mounted on the utility pole, they are called the pole- mounted transformer. These transformers are being designed as per IS 1180/2014. The products are on Air Cooling Oil Cooling basis and always carry 50Hz frequency.

Single Phase Distribution Transformers

A transformer that utilizes single-phase alternating current to step-down long distance and localized transmission currents into power levels more suitable for residential and light-commercial applications.

Technical Specifications & Product Range

Capacity (KVA)	Voltage Class (KV/V)			Quality & Energy Saving (%) W.R.T Normal				Winding Type
				Normal	Level i	Level ii	Level iii	
5	11/230	11/240	11/250	0%	5%	7.5%	10%	Cu & Al
10	11/230	11/240	11/250	0%	5%	7.5%	10%	Cu & Al
16	11/230	11/240	11/250	0%	5%	7.5%	10%	Cu & Al
25	11/230	11/240	11/250	0%	5%	7.5%	10%	Cu & Al

Special Voltage - Classes on Customer's Demand

Three Phase Distribution Transformers

Capacity (KVA)	Voltage Class (KV/V)			Quality & Energy Saving (%) W.R.T Normal				Winding Type
				Normal	Level i	Level ii	Level iii	
25	11/433	33/433	66/433	0%	5%	7.5%	10%	Cu & Al
50	11/433	33/433	66/433	0%	5%	7.5%	10%	Cu & Al
63	11/433	33/433	66/433	0%	5%	7.5%	10%	Cu & Al
75	11/433	33/433	66/433	0%	5%	7.5%	10%	Cu & Al
100	11/433	33/433	66/433	0%	5%	7.5%	10%	Cu & Al
125	11/433	33/433	66/433	0%	5%	7.5%	10%	Cu & Al
160	11/433	33/433	66/433	0%	5%	7.5%	10%	Cu & Al
200	11/433	33/433	66/433	0%	5%	7.5%	10%	Cu & Al
250	11/433	33/433	66/433	0%	5%	7.5%	10%	Cu & Al
315	11/433	33/433	66/433	0%	5%	7.5%	10%	Cu & Al
400	11/433	33/433	66/433	0%	5%	7.5%	10%	Cu & Al
500	11/433	33/433	66/433	0%	5%	7.5%	10%	Cu & Al
630	11/433	33/433	66/433	0%	5%	7.5%	10%	Cu & Al
750	11/433	33/433	66/433	0%	5%	7.5%	10%	Cu & Al
800	11/433	33/433	66/433	0%	5%	7.5%	10%	Cu & Al
1000	11/433	33/433	66/433	0%	5%	7.5%	10%	Cu & Al

ISOLATION TRANSFORMERS
Manufacturing / Repairing



For safety purposes, these type transformers has been made in in our company, whichtransfers electrical-energy from alternating current (AC) powersource to required device while isolating the powered device from the power source. The galvanic isolation protects against electric shock and reduces electrical noise in sensitive devices.

Technical Specifications & Product Range

Voltage Classes : The Input V/s Output Voltage are 1:1 in such type Transformers.

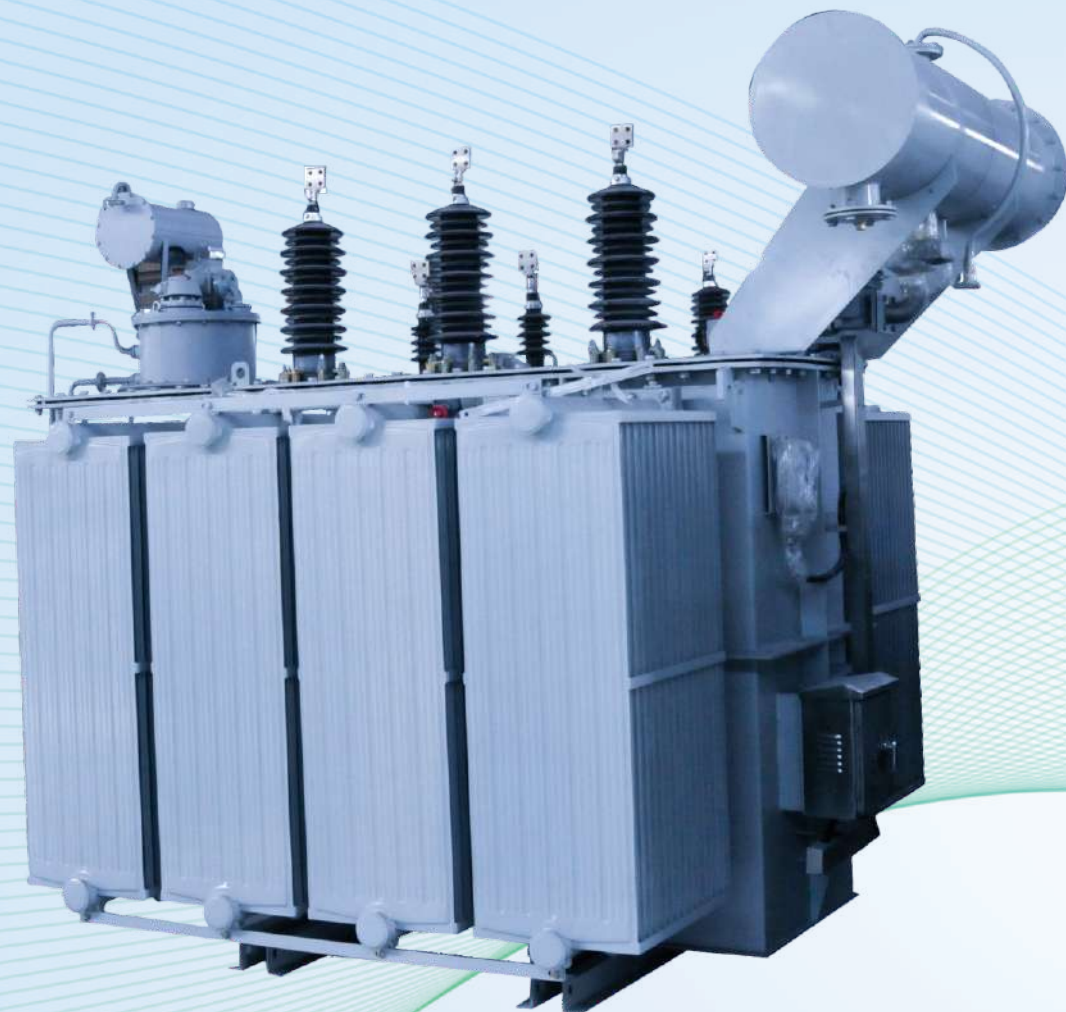
Capacity : The Company provides up to 2500KVA

Winding Type : Cu & Al



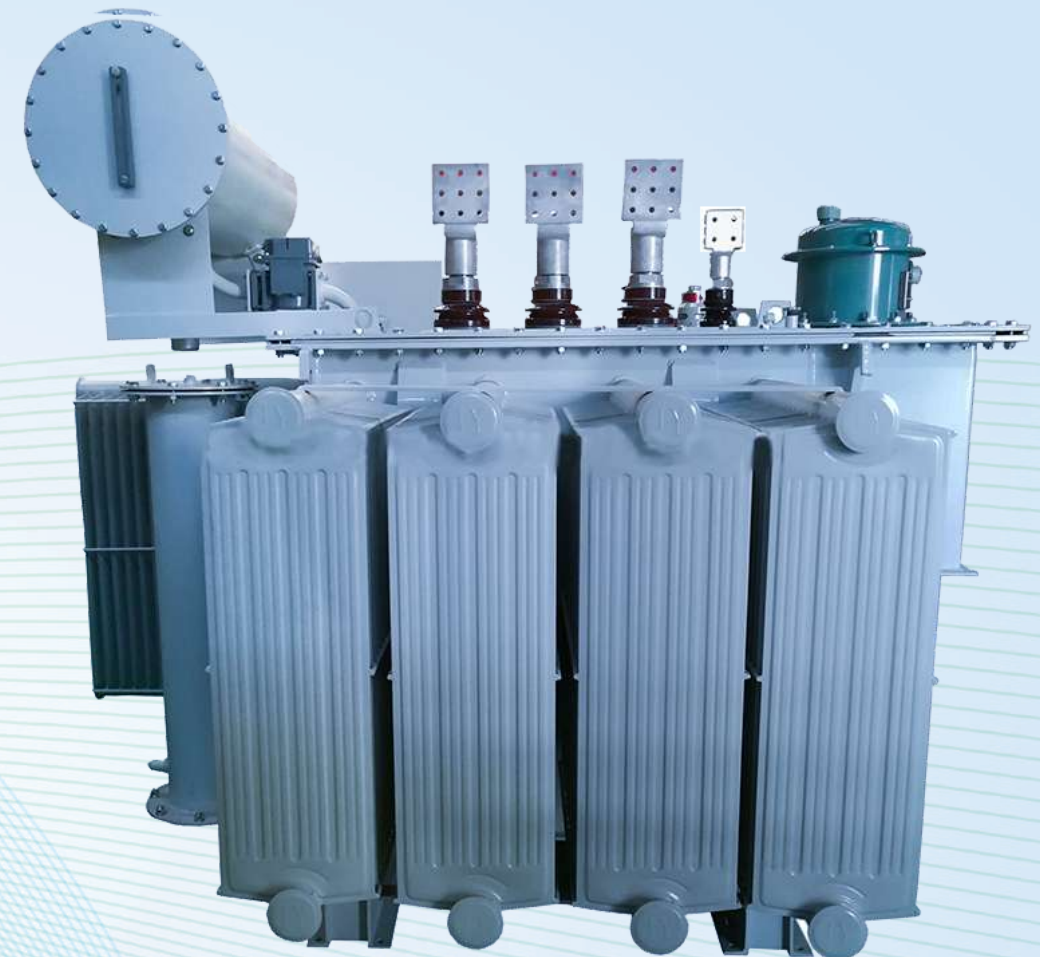
RECTIFIER TRANSFORMERS

Repairing



REGULATING TRANSFORMER

Repairing



Rectifier Transformers are used to convert three phase power supply to quality DC power supply. Some of the rectifying transformers units are also suitable for use in severe environments.

Our Services

- ✓ The company is in repairing practice with 630kVA to 1000kVA.
- ✓ The company manages Short-circuit impedance testing properly and makes $z \sim 4$.
- ✓ About all types of models is being repaired.

These regulating transformers are very efficient and reliable to use with its excellent functionality of regulating power requirements to ensure smooth and trouble free electrification on the system.

Our Services

- ✓ Making Corrosion proof by special painting materials.
- ✓ Costing Low maintenance charges.

WELDING TRANSFORMERS

Repairing



FURNACE TRANSFORMERS

Repairing



The company has a good track record in repairing of wide variety and capacity of Welding Transformers, which is due to highly durable and reliable repairing. The optimum quality is being used of raw material as per samples requirements for desired reliability and durability.

Our Services

- ✓ Capable of working up to longer hour.
- ✓ Higher functionality.
- ✓ High performance.

The neutral grounding transformers are used to supply a relatively low impedance path to ground that maintains the system neutral at ground potential.

Our Services

- ✓ Lower loss and greater efficiency.
- ✓ Low maintenance cost.
- ✓ Cost effective prices.
- ✓ Consumer less power.