

Pure performing & perfection  
for powering the world



## ABOUT US

SKP TRANSFORMERS has two decades experience and expertise in designing, manufacturing, testing, delivering and maintaining a wide range of Power, Distribution, Furnace Transformers up to 5000 KVA/ 33 kv class.



## SPECIFICATIONS

Transformers manufactured by us confirm to national & international specifications IS : 2026, IEC 76 & BS : 171. We also design and manufacture transformers to meet customer's need.

## DESIGN

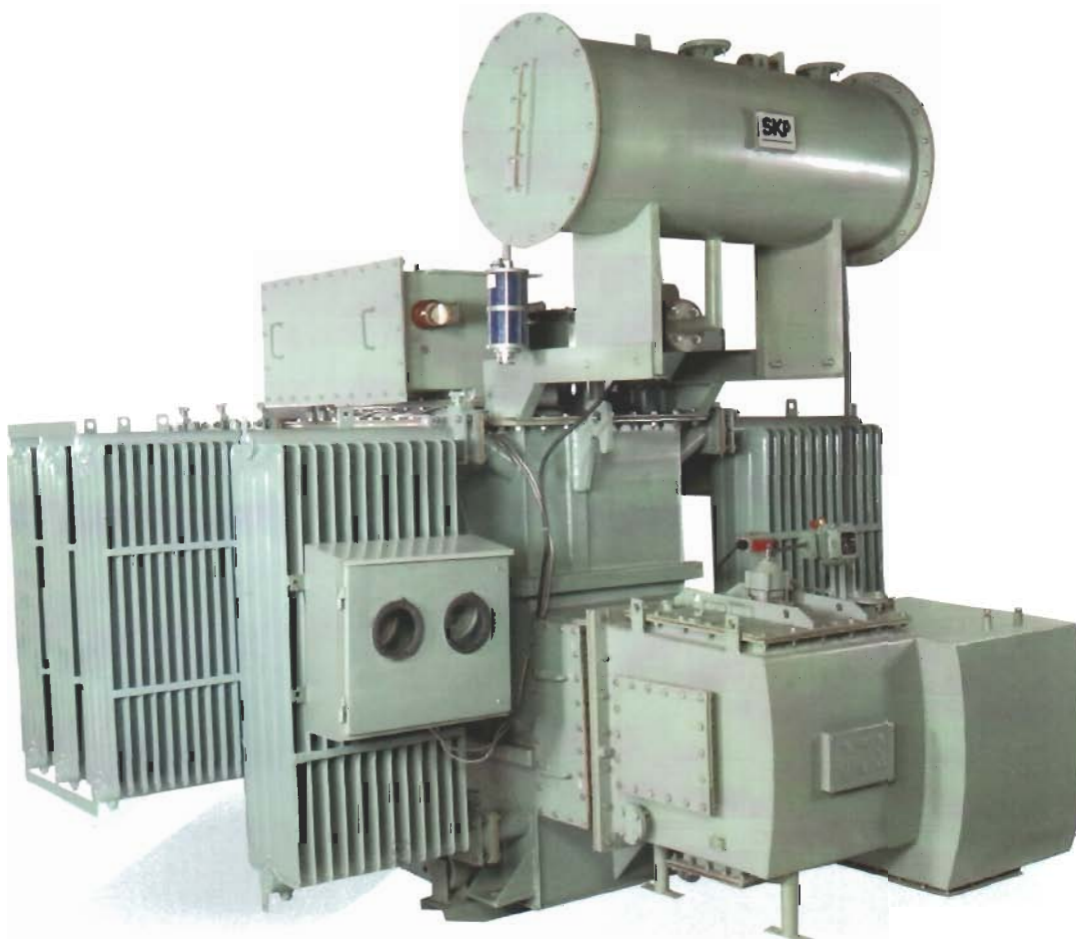
Technological excellence prevails at every stage of the manufacturing process. The design of transformers are developed based on the latest technology, using fully computerized design & drawings.

Each transformer design is done utilizing the latest software available - which helps in meeting national and international standards, to match customer's requirement.

Transformers are designed to withstand the rigorous conditions that may occur during service.

### INDUSTRIAL APPLICATIONS

Wide range of Transformers up to 5000 KVA/33 KV class - having a wide scope in industrial use are manufactured by us.



2 MVA TRANSFORMER WITH OLTC





## RANGE OF PRODUCTS

- ❖ Power & Distribution transformers upto 33 KV and 5000 KVA ratings.
- ❖ Furnace transformers up to 33 KV and 5000 KVA ratings.
- ❖ Special type of transformers, Booster transformers, Earthing transformers, Rectifier transformers etc..
- ❖ Dry type transformers.
- ❖ Shunt Reactors, Series Current limiting reactors etc..
- ❖ High & low voltage Testing transformers .
- ❖ Control transformers.

## MANUFACTURING PROCESS

### Core Building

The Cold Rolld Grain Oriented (CRGO) lamination cut by microprocessors controlled slitting and cropping line with a very high dimensional accuracy are used to build core.

Core laminations are assembled carefully and the built up core is erected along with the platform to avoid mechanical stress on the core. Both legs and yokes and clamped by resin impregnated fiberglass taps instead of conventional yoke bolt to avoid local hot spots and bolt insulation failures.

### Coil winding & Assembly

Spiral, Cross-over, Helical, Continuous Disc winding with multiple copper conductors are usually adopted for transformers. The coil are Lowred on the core legs.

After top yoke filling is completed, the coil are precessed. Connection from winding to various terminal and bushing stap changers are made by paper insulated flexible conductors.

### Drying

We take care for drying individual coil and insulation components to ensure that they match the duty cycle and short circuit forces, which the winding may encounter in service.

The core and coil assembly is dried through a very efficient drying oven, which ensure extraction of moisture to zero level.

After drying process, winding, clamping and connection are checked and tightened before lowering into tank.

Filtered and degassed oil is then filled into the tank under vacuum and this oil is circulated through the vacuum filter plants until the required insulation level is achieved.

### Final Assembly

During final assembly all pipe work, bushings and radiators are fitted to the transformer.



## Testing

The testing laboratory is complete with the necessary equipments and high accuracy, precision instruments and testing facilities to conduct all the routine and Temperature rise type tests as per relevant standards for transformers.

## DESPATCH

Adequate infrastructure has been developed to ensure safe dispatch & delivery of consignment.



## REPAIR SERVICE

Realising that a large number of Transformers of other makes were lying in unusable condition for want of adequate reconditioning, service or repair facilities with some of the customers, we have embarked upon expanding our services in this field also.

## QUALITY POLICY

SKP Transformers is an ISO 9001 certified company. Our quality policy is to supply products as per customer specifications. We determine to strive continuously achieve more & more customer satisfaction by motivating one work force and proper utilization of resources.

## SKP Transformers

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