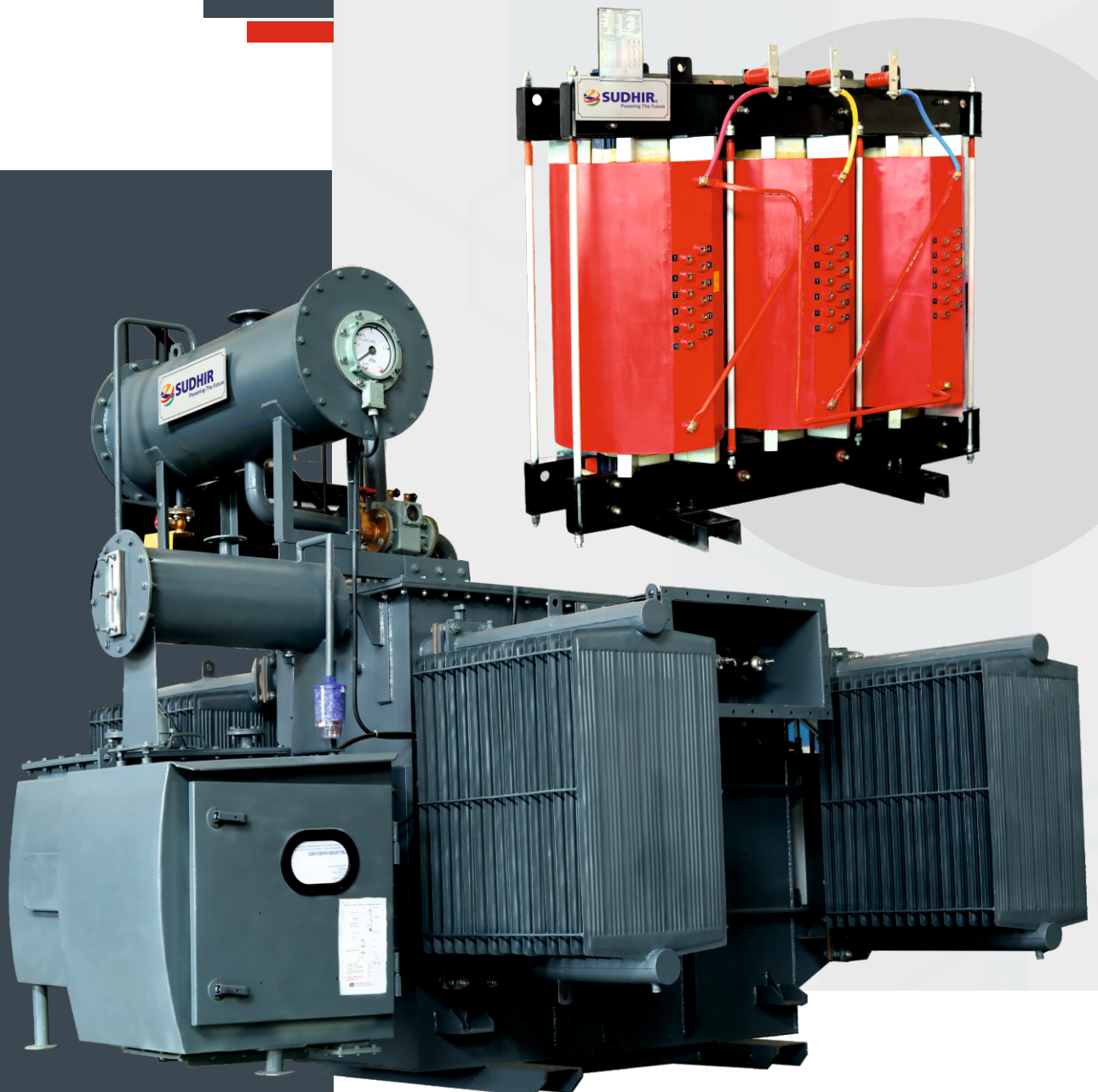


TRANSFORMERS

Dry and Oil Type



SUDHIR

Powering the Nation

Sudhir is a name synonymous with power. It stands tall in the Indian Power Generation Sector, providing complete turnkey electrical solutions from GENERATION, DISTRIBUTION to ELECTRIFICATION. An industry leader in the field of setting up Diesel based Captive Power Plants up to 40 MW and having its corporate office in Gurugram. The company has a wide blue-chip customer base and operates through multiple manufacturing facilities across India, and focuses on Diesel & Gas Generators, HT & LT Switch boards, Transformers, Packaged Substations and Turnkey EPC contracts.

The product line includes the widest range of Diesel Gensets 7.5 - 3000 KVA with a fuel option of gas, complete range of HT 11KV & 33 KV Panels, LT Switchboards, Oil & Dry Type Transformers, Packaged Sub-stations and Turnkey EPC contracts covering electrical and mechanical service of Generation, Distribution, Electrification. Five ultra-modern state of the art manufacturing plants strategically located in Silvassa, Jammu and Manesar help serve over 100,000 customers.



Sudhir Transformers - At a Glance

Offers a complete range of power and distribution transformers designed to grant the reliability, durability, and efficiency required in utility, industrial, and commercial applications.

Sudhir is a major transformer manufacturer & offers both oil-filled and dry-type transformers as well as services for life-cycle support, including all parts and assemblies.

- First company to manufacture Dry Type Transformers (Mould-less Resin Encapsulated) in India.
- Proven expertise in design for special duty & Multi Winding Transformers for applications like variable speed drives, furnace duty & converter duty.
- Designs tested at CPRI as per IS 2026, IS 1180, IS11171 IEC60076-11 & ECBC.
- ISO 9001 : 2008 accredited by DNV.GL
- Proven high product reliability.
- Approved with all leading consultants & major supplies to steel plants & thermal power plants.

PRODUCT RANGE

- Dry Type Cast Resin upto 5 MVA, 33KV class
- Oil Type upto 20 MVA, 33 KV class
- Dry Type VPI upto 5 MVA, 11 & 22 KV class
- Drive Transformers - Converter duty – upto 36 pulse 18 secondary's
- Corrugated tank hermetically sealed Transformers
- Solar Transformers - Inverter duty - upto 15MVA, 33 KV, 2, 3 or 4 windings.
- Multi Tap Transformers

OIL TYPE TRANSFORMERS

Our oil type transformer offers perfect solution for any application. High efficiency & low cost transformer form part of our wide range. Our transformer are certified by Bureau of Energy Efficiency.



CUSTOMISED SOLUTIONS

Voltage regulation is provided with winding tapings as per customers' specifications generally at +/-5% of input voltage. As a standard, tap changing is effected by means of externally hand-operated 'OFF-CIRCUIT' tap changing switch. On Load Tap Changers (OLTC) with a variety of steps that provide optimum control.

All tap changing switches have indicators and locking device. Special multi-tapping transformers are also in the product range, besides the special duty transformers.

QUALITY ASSURANCE

Every transformer undergoes a series of tests throughout the manufacturing process, right from raw material stage. All routine tests are carried out at our works as per IS 1180, IEC 60076-11 and other international specifications. Type tests for impulse withstand and short circuit strength etc., have been conducted on representative ranging and voltage national test houses.

POWER SAVINGS GUIDE

Total Losses at* :
 50% loading - 955 Watts
 100% loading - 2750 Watts

Equipment	- Distribution Transformers
Type	- Oil filled naturally cooled
Make	- Sudhir Power Limited
Model / Year	- SUDHIR/S15KVA/STAR-2020
Capacity	- 15KVA
Voltage	- upto 11kV

BEE STAR LABEL 2

*Under test conditions, when tested in accordance with IS 1160(Part-I) : 2014

DNV-GL

MANAGEMENT SYSTEM CERTIFICATE

Certificate No: 284197401446700004
 Date of issue: 04 April, 2019
 Validity: 04 April, 2019 + 15 February, 2022

This is to certify that the management system of

Sudhir Power Limited
 Plot No.8, 9 and 10, S.No.144/1/2, Atha, Silvassa - 396 230, Dadra & Nagarhaveli, India

has been found to conform to the Environmental Management System standard:
ISO 14001:2015

This certificate is valid for the following scope:
 Manufacture of gas and diesel generating sets, acoustic enclosures, control panels, oil type & dry type transformers and associated accessories

For the issuing office:
 DNV GL - Business Assurance
 Holmen, No. 15, 0487 Strand, Sandnes, Norway
 Chennai + 600 034, India

For the issuing office:
 IAF
 The India Registry for Certification
 The India Registry for Certification

DNV-GL

MANAGEMENT SYSTEM CERTIFICATE

Certificate No: 284197401446700004
 Date of issue: 28 March 2019
 Validity: 28 March 2019 + 15 March 2022

This is to certify that the management system of

Sudhir Power Limited
 Plot No.8, 9 and 10, S.No.144/1/2, Atha, Silvassa - 396230, Dadra & Nagarhaveli, India

has been found to conform to the Occupational Health and Safety Management System standard:
OHSAS 18001:2007

This certificate is valid for the following scope:
 Manufacture of gas and diesel generating sets, acoustic enclosures, control panels, oil type & dry type transformers and associated accessories

For the issuing office:
 DNV GL - Business Assurance
 Holmen, No. 15, 0487 Strand, Sandnes, Norway
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has been found to conform to the Quality Management System standard:
ISO 9001:2015

This certificate is valid for the following scope:
 Manufacture of gas and diesel generating sets, acoustic enclosures, control panels, oil type & dry type transformers and associated accessories

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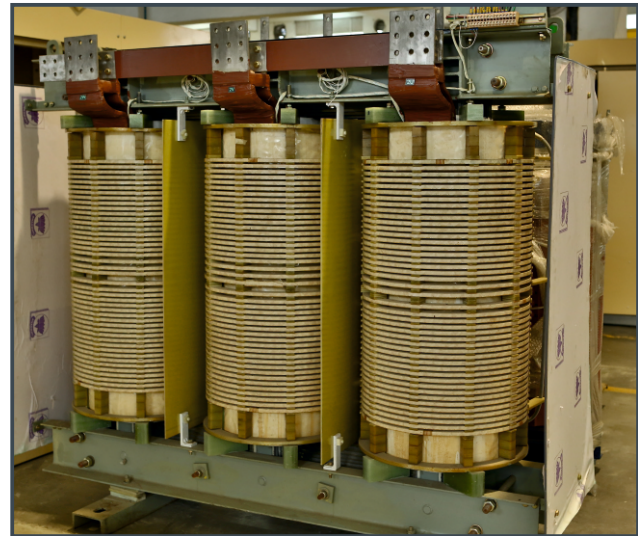
DRY TYPE TRANSFORMER

- Cast Resin Transformer (CRT)
- Vacuum Pressure Impregnation (VPI)

A full range of dry-type transformers with primary voltages through 72.5 kV built according to all major standards including IS, IEC and ANSI. are offered to minimize environmental contamination and fire hazard.

These transformers meet strict parameters with respect to electrical system demands and functioning in areas with extreme climatic conditions.

The dry-type transformers are moisture-proof, suitable for operation in humid or heavily polluted environments. They are the ideal for operation in environments with humidity higher than 95 % as well as at temperatures down to -25 °C. There is less space and less civil work needed, no special safety features are required (fire detection). They are maintenance free and extended life is due to low thermal and dielectric ageing. Looking at these advantages customers are specifying dry-type transformers more frequently.



ADVANTAGES OF DRY TRANSFORMERS

- These state of art Transformers provide the best solutions in the most demanding applications.
- Insulation offered is class F (115 °C) class H (145 °C) & class C (200 °C)
- Minimum partial discharge
- High mechanical & short circuit strength
- Resistant to dust and humidity
- Safe equipment which can be placed closed to the load
- Flexibility invariable load situations
- Reduced size & weight or better space utilization
- Maintenance free under normal conditions
- Comply to IEC 60076-11 & 11171-1985
- Comply to latest ECBC norms.





Cast Resin Transformers range up to 5000 KVA (Air Natural/ Air Forced) with a maximum voltage rating of 36 KV/ 170 KV BIL. It's more than just a technology. It's a concept of safety, reliability and conformity for over 37 year with the principles of environment protection. VPI design transformer manufacturing range is upto 6.5 MVA, 11 & 22 KV class. CRT design transformers ranging from 25 KVA to 5 MVA/ 11,22 & 36 KV class.

HEDRICH COIL CASTING PLANT (VACUUM)



WIDE CUSTOMER BASE

STEEL								
CEMENT								
THERMAL POWER PLANTS								
SOLAR POWER PLANTS								
EPC CONTRACTOR								
REALITY								
OTHERS								

CORPORATE OFFICE

Plot No-1, Sector-34, EHTP,
Gurugram-122001, Haryana
Tel: +91-124-4168000

MARKETING OFFICE

507, International Trade
Tower, Nehru Place, New
Delhi-110019

REGIONAL OFFICES

Ahmedabad | Chandigarh |
Indore | Jaipur | Mumbai

BRANCHES

• ALWAR • AMRITSAR • BADDI • BHATINDA • BHOPAL • BIKANER • FARIDABAD • JALANDHAR
• JAMMU • JODHPUR • KARNAL • LUDHIANA • SRINAGAR • SURAT • UDAIPUR • VADODARA

PLANTS

• BHIWADI • JAMMU • MANESAR • SILVASSA

OUR DEPOTS

• MANESAR • SANAND • BANGALORE • MUMBAI • CHENNAI

Email: info@sudhirpower.com

Toll Free No : 1800 102 7475

Branch Offices: Alwar | Amritsar | Baddi | Bhatinda | Bhopal | Bikaner | Faridabad | Jalandhar | Jammu | Jodhpur
Karnal | Ludhiana | Silvassa | Srinagar | Surat | Udaipur | Vadodara

