

TRANSFORMING POWER INTO PERFORMANCE



WESTERNTM
ELECTROTRANS PRIVATE LIMITED
(formerly known as Western Electricals Co.)



WESTERN ELECTROTRANS PRIVATE LIMITED

SUCCESSFUL JOURNEY

Established with Trading Activity of Ferrous & Non- Ferrous Metal. Majority in Distribution Transformer.

1984

1990

Started Manufacturing with CRGO Cutting CTPT Lamination

Entered in All DISCOMs for Dist. Transformers.

1995

2000

Last eleven Successful years of supplied & installed more than 60000 Nos. various Distribution transformer in state electricity board.

Started manufacturing of Dist. Transformers. As Forward Integration of Lamination Industry.

2005

2010

Incorporate the Company and Registered under Co. Act

We have inaugurated our subsidiary unit at Alindra GIDC and get the approvals. For supply of Transformers, AAAC Conductors, ACSR Conductors.

2012

2015

We have entered in Private Industrial Customer Market & serving them with customized power solution for their requirements.

WEPL Received prestigious order First time of Higer rating distribution transformer : KVA, 11/.0433KV, EEL-III from one of prestigious customer "-----"

2018

2022

WEPL Received prestigious order of Higer rating distribution transformer: 2500KVA, 11/.0433KV, EEL-II and successfully Type tested at NABL LAB, installed at customer site, & charged successfully

Setup new manufacturing facility up to 20 MVA, 66 KV Class various ypes of Transformer

2023

2025

WEPL Received prestigious order for the rating of 5MVA, 66/11KV, Power Transformer for Gujarat State Electricity board & 12.5MVA Inverter duty transformer for solar ground mounted project.

WESTERN ELECTROTRANS PRIVATE LIMITED

Great Experience, Built Great Brands

From humble beginnings almost 41 Years back, WEPL. has today grown into a respected and known as specialize in manufacturing and supplying various range/ types of Transformers to both domestic & international markets.

In corporate in year 1984 with trading activities of CRGO Lamination to manufacture of various distribution transformers and stepping up in establishing state of art manufacturing facilities of Power, Distribution & Special transformers up to 20MVA, 66KV Class.

The Result oriented product and services utmost appreciated by customer with reliability and sustainability of product and services. An ISO 9001:2015 Certified organization today, WEPL more popularly and also proud to number of prestigious from well organised customers.

We are committed to continuous improvement in performance through effective implementation of quality management system.

We equally recognize the strength is our employees. We put all efforts and energy on improvement & welfare of pour employs .

Further looking at the future were serve to improve in every aspect of our manufacturing facilities.

OUR VALUES

Achieving customer satisfaction through commitment of all employees of our company to do our job well done, being creative & innovative, getting better in a cost - efficient manner.

OUR MISSION

Providing wide range of electrical transformer within the perspective of understanding customer's requirements & need & to strive fulfilling their present & future expectations with regards to Quality, Delivery & Service.

OUR VISION

Achieving leadership in the international & domestic market & entering new markets through quality commitment to ensure satisfaction & make the expectations of our customer come true.

INFRASTRUCTURE

FULLY AUTOMATED WINDING MACHINE



Infrastructure is a key part of engineering, Process of manufacturing & hhigh-quality standard product. We are focused on building adequate infrastructure for supporting its business objectives at all time. Installed facilities for manufacturing of higher rating various type of transformer up to 20 MVA, 66kV Class.

VACUUM DRYING PLANT UP TO 20MVA, 66KV

Operating Two Production Units, an Ancillary Unit, and an After-Sales Services Unit, we Have Modern Equipment that Meets Global Standards. Our Manufacturing Capacity Stands at Around 1200mva Per Annum, With us Currently Utilizing 75% Of Our Capacity. we are Dedicated to Expanding Our Product Range And Production Capacity By Installing New Technology Time to Time.

We Manufacture Products Under The Supervision of Our Quality Engineer at Our In-house Manufacturing Facility. Also, we Conduct all Quality Confirm Test as Per Customer Requirement and as Global Standard.



5+15+50 TON EOT CRANE

EQUIPPED TESTING FACILITY UP TO 20MVA, 66KV CLASS TRANSFORMER AS PER INDIAN & GLOBAL STANDARD



CAPACITANCE & TAN Δ POWER FACTOR METER 12KV : CAPO 12

Raytech, Switzerland the CAPO-12 is a powerful & precise capacitance and tan δ power factor test instrument designed for the insulation properties measurement. Many kinds of insulations such as power transformer insulation can be measured for diagnosing or preventive maintenance. Test Frequency from 10Hz to 400Hz including sweep function and plotting tool useful for narrowband frequency dielectric spectroscopy & Complete automatic calibration system and system diagnostics.



WINDING RESISTANCE METER 50AMPS, 3 CHANNELS: WR50-13

Raytech, Switzerland The Rytech WR50-13 is a Winding Resistance meter system specially designed for high precision DC winding resistance measurement of high inductive windings such as large power transformer windings. The winding resistance meter adjustable output current between 25mA and 50A & Pure filtered DC Power source for the highest accuracy readings.



Bm5200 5 KV INSULATION RESISTANCE TESTER

Megger With the BM5200, you can perform DC insulation tests at 250 V, 500 V, 1000 V, 2500 V, and 5000 V. Its insulation resistance measuring range is from 100 k Ω to 1000 G Ω .

What's more, it provides an automatic discharge for capacitive circuits under test & displays decaying voltage.



OIL IMMERSED MEDIUM POWER TRANSFORMERS



WEPL medium voltage Power Transformers are individually designed and manufactured to meet and even exceed the highest industry standards according to the exact specifications for the particular applications. Special options and features are planned into the original design & accordingly built in our transformer's design.

Power Transformers are liquid-oil immersed transformers providing the most efficient and reliable long-life operation for wide variety of utility and industrial applications.

In addition to expand our product line, we have also developed a technological, administrative and marketing infrastructure that is comparable with some of the finest manufacturers of similar products worldwide.

WEPL Transformer focuses on becoming one of the most valued global suppliers of electrical power & distribution products for utilities and industries.

APPLICATION

- Transmission Substation
- Various Heavy Industrial Plant
- Oil & Gas
- Cement
- Chemicals & Petrol Chemicals
- Mining
- Rolling Mills
- Generator Step up units

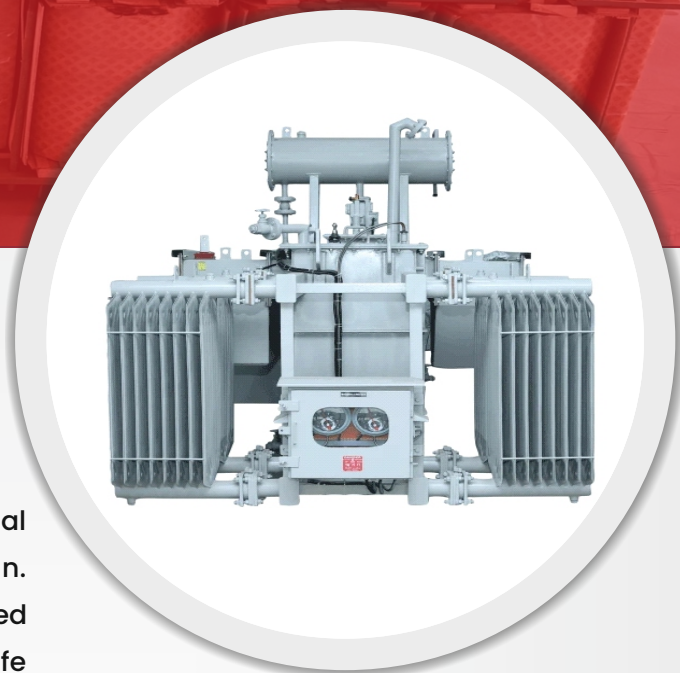
TECHNICAL CHARACTERISTICS

| | |
|-----------------------|--|
| Rating of Transformer | : 1MVA to 20MVA |
| Voltage Class | : 3.3KV to 66KV |
| Vactor Group | : Star & / or Delta Connection |
| Number of Winding | Possibility to manufacture transformer with primary +Secondary, Double Secondary, or triple secondary and any other type accordingly requirement of customer |
| Number of Winding | : 50 Hz. Or 60 Hz. |
| Number of Winding | : ON LOAD TAP (OLTC) / OFF LOAD TAP (OCTC) |

OIL IMMERSED DISTRIBUTION TRANSFORMERS

WEPL Distribution Transformers are individually designed & manufactured to meet and even exceed the highest industry standards according to the exact specifications for the particular applications.

Special options and features are planned into the original design and accordingly built in our transformers' design. WEPL Distribution Transformers are Various liquid-oil immersed transformers providing the most efficient and reliable long-life operation for wide variety of utility and industrial applications.



WEPL Distribution Transformers are various liquid-oil immersed with rated power in range from 10kVA to 5,000Kva up to 33KV Class including both types of hermetically sealed and with conservator. Distribution Transformers are individually designed and manufactured in accordance with local and international standards. The windings of our transformers can be made in aluminum or copper depending on customer requirements & needs within different series of losses according to IS-1180, IS-2026 and IEC-60076.

APPLICATION

- Distribution / Transmission Substation
- Various Industrial Plant & Corporate
- Oil & Gas
- Cement
- Chemicals and Petrol Chemicals
- Mining
- Malls and Hospitals
- Rolling Mills
- Generator Set-up units
- Manufacturing industries

TECHNICAL CHARACTERISTICS

| | |
|-----------------------|---|
| Rating of Transformer | : 10KVA to 5000KVA |
| Voltage Class | : 3.3KV to 33KV |
| Vactor Group | : Star, Delta, or Zig zag |
| Number of Winding | Possibility to manufacture transformer with primary +Secondary, Double Secondary, or triple secondary and any other type accordingly requirement of customer |
| Cooling Design | : ONAN, ONAF, KNAN, KANF : Termination arrangement, with radiator and conservator, Corrugated tank, and any other combination as per site Condition and requirement of customer. |
| Frequency | : 50 Hz. Or 60 Hz. |

INVERTER DUTY/ SOLAR/ WIND TRANSFORMER

WEPL Offer Inverter duty Transformers (up to 12.5MVA-33KV Class) conforming to the Indian standards & global standard of quality and safety. We offer Inverters duty transformers two - windings to five - windings construction specially designed for grid connected solar project & wind farm. Solar/Wind transformer is meant for converting the low voltage into high voltage and fed into a power grid. These transformers are designed according to any specific customer requirements regarding solar plant capacity, voltage class, power, low losses, sound level, operating & site conditions and etc.

FURNACE TRANSFORMER

Furnace transformer is used in steel and cement industries where there are high current requirements for feed electric furnace used to melting and refine materials. They require high current levels that must also be variable due to the frequent short-circuits. These transformers must be designed to resist the high levels of electrical, thermal, and mechanical stresses to which they are subject to during utilization.

WEPL Offers product range up to 10 MVA and 33 kA for various type of Furnace transformer

- **Induction Furnace Transformer**
- **Various Industrial Plant & Corporate**
- **Oil & Gas**
- **Cement**
- **Chemicals and Petrol Chemicals**



INTERMEDIATE TRANSFORMER

Intermediate Testing transformer is customized product equipped with multiple windings and other electrical parameter to obtain various requirement during electrical testing of various product. As per customer requirement WEPL Will customized and offers:

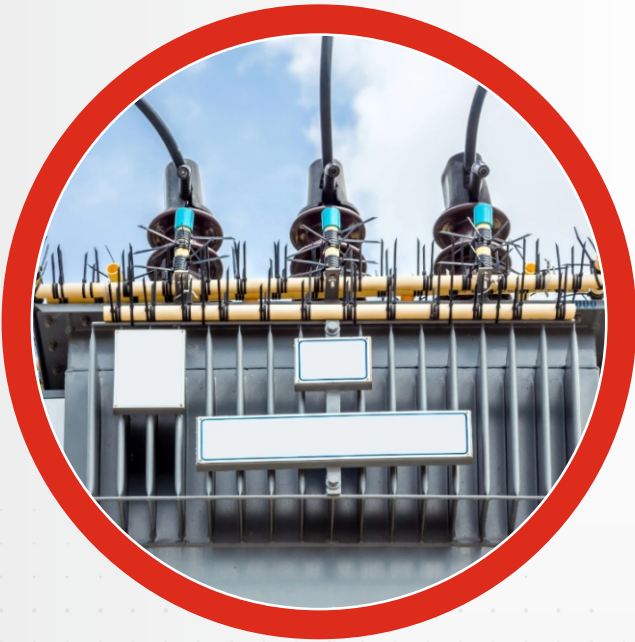
- **Copper or Aluminium Requirement**
- **Number Winding, Voltage Tapping's, Vector group and lead terminals as per customer requirement**
- **Tapping Switch : Off Load Tap Changer (Motorised or Manual), On Load Tap Changer**
- **Oil Requirement : Mineral Or Ester**

Customised Design as per availability of site condition & customer requirement



AUXILIARY TRANSFORMER

Intermediate Testing transformer is customized product equipped with multiple windings and other electrical parameter to obtain various requirement during electrical testing of various product. As per customer requirement WEPL will customized and offers:



EARTHING TRANSFORMER

A grounding transformer or earthing transformer it is a special-purpose transformer with a Zigzag or interconnected star winding. Transformer used in three phase electric power systems to provide a ground path to either an ungrounded wye or a delta-connected system. Provide a source of ground fault current during line- to-ground faults



DRY TYPE TRANSFORMERS (UP TO 5MVA)

VPI (Vacuum Pressure Impregnated) Transformers

CRT (Cast Resin Transformers)

KV Class: 3.3KV, 6.6KV, 11KV, 22KV, 33KV

We offer highly reliable & safe dry type transformers, including Vacuum Pressure Impregnated (VPI) and Cast Resin Transformers (CRT), ideal for indoor and environmentally sensitive applications. These transformers provide excellent thermal & electrical properties, making them suitable for critical installations where fire safety is a priority. Available in KV classes from 3.3KV to 33KV, our dry type transformers deliver superior performance while requiring minimal maintenance.

COMPACT SUBSTATIONS (UP TO 5MVA)

Voltage Class: 11KV, 22KV, 33KV, 6.6KV

WEPL Offers product range up to 10 MVA & 33 kA for various type of Furnace transformer

Our compact substations are engineered to meet the growing demand for space saving solutions in power distribution. These substations combine various electrical components, including transformers, circuit breakers, and protection systems, into a single, compact unit.

With voltage classes of 6.6KV, 11KV, 22KV, and 33KV, they are ideal for industrial, commercial, and renewable energy applications, offering quick installation, high reliability, and superior safety features.



SOME VALUABLE TRANSFORMER INSTALLED & SUPPLIED

| SR. NO | NAME OF PARTY | PLACE | QTY / NOS | KVA / KV |
|--------|---|-------------|-----------|----------|
| 1 | AVLON CERAMIC PVT LTD WITH O. L. T.C | MORBI | 1 | 1000/11 |
| 2 | ANAND PAPER MILL | MORBI | 1 | 1500/11 |
| 3 | AMUL AGRO INDUSTRIES | SANKARDA | 1 | 500/11 |
| 4 | AJANTA TRANSISTOR & CLOCK MFG CO | MORBI | 1 | 400/11 |
| 5 | BARDANWALA PLASTICS (P) LTD. | JAMNAGAR | 1 | 1000/11 |
| 6 | BETEL FORGE LIMITED | RAJKOT | 1 | 500/11 |
| 7 | BHAGWATI BRIGHT BARS PVT. LTD. | RAJKOT | 1 | 500/11 |
| 8 | BHANSARI ENGINEERING PVT LTD. | RANLOLI | 1 | 1600/11 |
| 9 | BHAVNATH FOODS INDUSTRIES | BHUJ | 1 | 500/11 |
| 10 | BHOJAIBHAI R VARCHAND | VERAVAL | 1 | 750/11 |
| 11 | CORONA GRANITO PVT LTD WITH O.L.T.C | MORBI | 1 | 2500/ 11 |
| 12 | CORAL LABORATRY LIMITED | DEHRADUN | 1 | 1250/11 |
| 13 | ELECON ENGINEERING CO. LTD. | V. V. NAGAR | 1 | 800/11 |
| 14 | ELECON ENGINEERING CO. LTD. | V.V.NAGAR | 3 | 630/11 |
| 15 | ENERGY CONTROL SYSTEM | VADODARA | 1 | 3000/11 |
| 16 | GUJARAT INFRA PIPE PVT LTD | VADODARA | 1 | 1250/11 |
| 17 | LA CERA TILES PVT LTD | MORBI- 2 | 1 | 750/ 11 |
| 18 | JAI PRAKASH ASSOCIATED LTD. | KEVADIA | 1 | 1000/11 |
| 19 | JAI PRAKASH ASSOCIATED LTD. | KEVADIA | 1 | 2000/11 |
| 20 | KAMDHENU CORPORATION | SURAT | 1 | 1000/11 |
| 21 | KORADIA CERAMICS PVT. LTD. | MORBI | 1 | 1000/11 |
| 22 | LENZ CERAMIC PVT LTD WITH O.L.T.C | MORBI | 1 | 2500/11 |
| 23 | OLIVE SOFTGEL | DEHRADUN | 1 | 950/11 |
| 24 | OSAKA PHARMACEUTICALS PVT. LTD | SANKARDA | 1 | 500/11 |
| 25 | OJAS TAR PVT. LTD. | BARODA | 1 | 250/11 |
| 26 | OPAL CERAMICS INDUSTRIES | MORBI | 1 | 315/11 |
| 27 | PRIYANKA CARBON & CHEMICALS IND. (P) LTD. | AHMEDABAD | 1 | 750/11 |
| 28 | RACHANA TEXURISERES PVT. LTD. | SURAT | 1 | 500/11 |
| 29 | RAGHUKUL COTTON & OIL PVT. LTD. | MORBI | 1 | 250/11 |
| 30 | RAGHUVANSHI ELECTRICALS | VERAVAL | 1 | 1250/11 |
| 31 | RAJDEEP GRANNY MARMO LTD. | RAJASTHAN | 1 | 315/11 |
| 32 | RAJ-MOTI INDUSTRIES | MORBI | 1 | 315/11 |
| 33 | RAJENA AGRO PRODUCTS PVT LTD | AMRELI | 1 | 800/11 |
| 34 | SHREE RAM-KRISHNA STEELS (P) LTD. | BHAVNAGAR | 1 | 1000/11 |
| 35 | SHREE RAM-KRISHNA STEELS (P) LTD. | GHANGHALI | 1 | 1000/11 |
| 36 | SANFORD VITRIFIED PVT LTD WIT O.L.T.C | MORBI | 1 | 2500/11 |
| 37 | SIMOLEX CERAMIC PVT LTD WITH O.L.T.C | MORBI | 1 | 2500/11 |

OUR CLIENTS



SHRI BHAGAVATI BRIGHT BARS LIMITED

CUSTOM SHAPED BRIGHT BAR & SHAPED WIRES



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- Unit -2 Plot No. 5-6, Ceramic Compound , Sakarda -391 350, Dist.: Vadodara, Gujarat, India. Gram: "western"
- Unit -3 Block No. 187/b, Village: Bahutha, Ta. & Post.: Savli, Dist.: Vadodara - 391 775 Gujarat, India.