

KEEP THE POWER FLOWING...



# 365 DAYS ROHITRA



DISTRIBUTION & POWER TRANSFORMERS



I N N O V A T I N G . . . E X C E L L I N G . . . T R A N S F O R M I N G !

## Overview:

Rohitra India Private Limited (RIPL) was incorporated on the 9th of April 2018. RIPL is engaged in Manufacture and Maintenance of various types of transformers.

We cater to the widest spectrum of applications - from general-purpose requirements of commercial, industrial and utility customers to designing for unique conditions. We "custom design" transformers to provide unparalleled performance for every application.

We have ISO, NABCB & ICS certification. We presently manufacture energy efficient BIS 1180 approved transformers. Rating from 63 kVA up to 2500 kVA and extended capacity up to 10 MVA range in voltage class 11 kV, 22kV, 33kV [OCTC & OLTC].

**Advantage RIPL** ■ Low-loss and Efficient Transformer Design ■ Optimum efficiency and speed in the manufacturing processes with a completely integrated in-house manufacturing facility ■ Best – "Price and Delivery performance" ■ Highly efficient management systems ■ Safety, Health and Hygiene for all employees ■ Care for the environment. Our Transformers reach customers at lowest purchase price and also offer minimum running costs.



### Team 'RIPL Support'

Every RIPL product is backed up with prompt service support through our experienced Service Team. Should the need ever arise, this ensures quick problem resolution and minimizes downtime.

## Infrastructure:

The RIPL manufacturing facility is located at Sanaswadi in Pune district. The fully integrated facility, spread over 20,000 sq.ft., has all in-house facilities.

- 10+5 ton material handling EOT Crane.
- Oil Filtration Plant with 1250 ltr./hr. capacity.
- Core Cutting.
- Facility for Disc, Helical and Crossover Winding.
- Insulation Cutting.
- In-house Fabrication facility.

The eco-friendly facility has dust-proof floors.



RIPL has supplied Transformers to diverse sectors like:

- Healthcare & Pharmaceutical
- Residential & Commercial
- Utility
- Infrastructure
- Irrigation
- Education
- Industries
- Oil & Gas
- Telecom
- IT Parks
- Agriculture





## Design:

Designs have been standardised up to 10 MVA, 33 KV as per IS (2026 & 1180) reference standard. The experience of the Design Team at RIPL ensures optimum product efficiency, top product quality and strict compliance with required specifications. We can also cater to non-standard job requirements within the prescribed range.

## Testing:

Our in-house Testing Facility is equipped to handle various tests like:

- Ratio Test ■ High Voltage Test ■ Induced Overvoltage Withstand Test
- No Load Loss ■ Full Load Loss ■ Heat Run Test ■ Winding Resistance Test
- Oil BDV Test ■ Pressure Test ■ Oil Leakage Test

Reference Standards - IS 1180 : BIS Level : II & III, Bureau of Energy Efficiency, Star 1 to Star 5, IS 2026, IEC 60076, ANSI Standard or other standards on request.

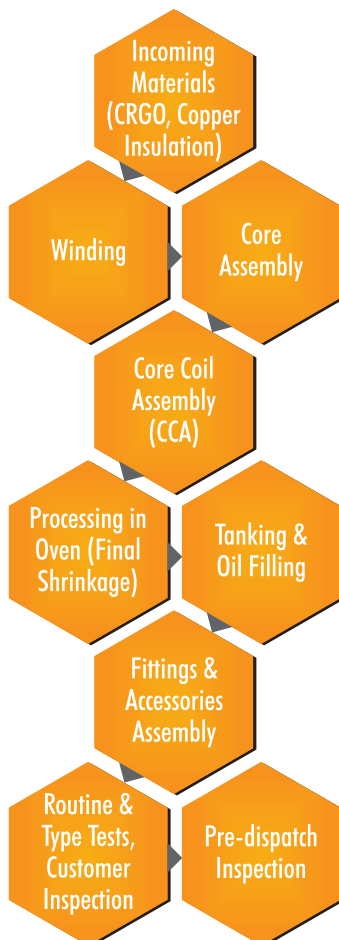
## Approvals:

- RIPL products are type-tested at NABL Accredited Laboratories like ERDA & CPRI and are approved by respective Regulatory Boards.
- RIPL is an ISO 9001:2015 Certified company.
- RIPL is BIS-1180 approved manufacturer.
- RIPL Transformers are approved by MSEDCL, PWD, MIDC, Maha Metro, Integral Coach Factory and MJP.
- RIPL Transformers are recommended by leading Electrical Consultants.

## Transformers Manufactured:

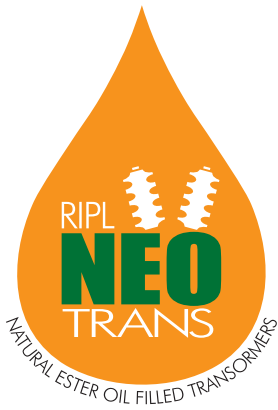
- Mineral Oil Filled Distribution Transformers.
- Ester Oil Filled Distribution Transformers.
- Isolation Transformers.
- Arc / Induction Furnace Transformers.
- Multi-Winding Transformers.
- Solar / Windmill applications Transformers.
- Corrugated Tank Transformers.
- Hermetically Sealed Maintenance-free Transformers.
- Transformers with On Load Tap Changer (OLTC).

## Process Flow Chart:



**Transformers for:** ■ Residential Complexes ■ Commercial Complexes ■ Industries ■ Solar / Wind Energy  
■ Infrastructure ■ Electrical Distribution Networks (Utility Boards)

## Ester Oil Filled Transformer



### Natural Ester Oil Transformers

Natural Ester Oil is a vegetable-based dielectric fluid which has been in use for decades. It is becoming more and more popular day by day because of its unique features. Accepted Industry-Wide and in compliance with IEC, BIS and MSEDCL standards; natural ester oil can be used in power and distribution transformers effectively which results into very cost effective and efficient solution for power distribution. It can be used in areas where there is space constraint such as Residential / Commercial Complexes and shopping Malls where these Transformers can be installed indoor or in the building basement.

#### Characteristics of Ester Oil:

- Eco Sustainability / Eco Friendly
- Higher Flash Point- 330°C
- Higher Thermal Conductivity,
- Biodegradability
- Suitable for all climatic conditions

#### Advantages over Dry Type Transformer:

- Lesser Maintenance Cost
- Lower Capital and Running Cost
- Energy Efficient
- Longer Life Expectancy
- Extra Load Bearing Capacity
- Suitable for building basement installation.

#### Advantages over Mineral Oil:

Property	Mineral Oil	Natural Ester
Fire Point	180°C	360°C
Flash Point	160°C	330°C
Biodegradability	No	Ultimately
Toxicity	Toxic	Non-Toxic
Viscosity	12	37
Thermal Aging	Good	Better

## Packaged Substations



**RIPL now offers:**  
Packaged / Compact /  
Unitized Substations

## Our Esteemed Clients:



- Maharashtra Metro Rail Corporation Ltd., Pune
- Steelbross Engineering Pvt. Ltd., Bhagad MIDC
- MSIEDCL
- DIAM Display India Pvt. Ltd.
- Neyochem Industries Pvt. Ltd.
- Dan Infra Projects Pvt. Ltd.
- Croissant Engineering Pvt. Ltd.
- Chinar Air Products & Equipments
- Sapotech Components Pvt. Ltd.
- Regency Nirman Limited
- D Y Patil University
- Kiran Poultry & Breeding Farm Pvt. Ltd.
- MIT College, Kothrud Campus
- Stamford Warehousing & Developers Pvt. Ltd.
- Evonique India Pvt Ltd, Surat (Gujarat)
- Concord Ultrafine Sand and Aggregates
- Shourya Stone Crusher
- Shambhavi Stone Crusher
- Trimurti Stone Crusher
- Shri Balaji Stone Crusher
- S R Stone Industries
- Enzigma Software Pvt. Ltd.
- New Era Education
- Lavender Laboratories Pvt. Ltd.
- JSB Polymers Pvt. Ltd.
- Amar-Nandan Tech Park
- Swaroop Techno Components
- Greenvention Biotech Pvt. Ltd
- Bhumitech Engineering Services
- Mahesh Gas limited
- Madhusa Biotech Pvt. Ltd.
- Adroit Engineers, Goa
- Bramha Sales and Services
- Power Engineering India Pvt. Ltd., Goa
- Shree Mahalaxmi Home Makers
- Highpoint Landmark LLP, "I-Trend"
- ITI, Lonand
- BSK Group
- Nexus Properties & Nexus Buildwell
- Civil General Hospital, Satara
- Zenith Buildcon
- Five Star Construction Company
- Jay Shreeram Agro Processing & Cold Storage
- Shikshan Prasarak Mandali Public School
- Pratham Technologies Pvt. Ltd.
- Green Tech Agro Products
- Janhavi Technomech Pvt. Ltd.
- Kate Food Industries Pvt. Ltd.
- Meghaswana Associates
- Rugved Hygienicare India Pvt. Ltd.
- SSN Innovative Infra LLP
- East India Drums & Barrels Mfg. Company
- Garden Flavours Co. Pvt. Ltd.
- Shree Hospital, Satara
- Pragati Engineering, MIDC Bhosari
- XTREME Safety Glass LLP
- Swastika Rack Processing
- Runal Developers
- Transenviro Design Studios
- Vision Infrastructure
- Nuvoco Corporation Ltd.
- ESG Crusher Industries
- Precision Steel Industries
- Aditya Polymers
- Dreams Constructional Pvt. Ltd.
- Platinum Buildcon
- Pandit Javdekar Constructions Pvt. Ltd.
- P R Electricals
- API Engineers & Equipments Pvt. Ltd.
- Orbital Electromech Engineering Projects Pvt. Ltd.
- Apurwai Stone Industries



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