



**RPPL**  
TRANSFORMERS

We are Nationwide  
Transformers Manufacturer  
and Service Provider



9001 : 2015



CM/L-7600130511  
IS : 1180



# COMPANY PROFILE





# OUR PURPOSE

To ensure a safe and secure future  
for our people by delivering  
the best electrical solutions to  
our customers...

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## Our Products

- Power Transformer
- Distribution Transformer
- Solar Transformer
- Wind Transformer
- Furnace Transformer
- Dry Type Transformer
- Compact Substation / Isolation Transformers

## Services We Provide

- Erection and Commissioning of Transformer & Switchyard
- Operation and Maintenance of Switchyard, Pump House & Power Plant
- On Site Testing of Transformer and Switchyard
- Transformer Overhauling Services
- Transformer Repairing Services
- Transformer Oil Filtration Services

# ABOUT COMPANY



Rajkot Powertrans Pvt. Ltd. is leading specialists in electrical engineering and maintenance of LV & HV power systems. We are committed to delivering on our promise of providing our customers with the highest quality work at value for money on each and every project, with safety at the forefront of our mind set all times. Our expertise is trusted and depended upon by global blue-chip organizations, utility companies and facilities groups amongst many others

## WHY RPPL?

Quite simply, we believe our company values are industry-leading, ensuring value for money and an excellent working relationship with any size client. We provide a complete range of services, from installation and maintenance of new assets to testing, commissioning, outage prevention and electrical emergency services. Whether you work with high or low voltage power systems, require maintenance works or a full installation project, in the India, Let's discuss how we can start working together.

We believe in **“WORKING FOR THE CUSTOMERS - WITH THE CUSTOMERS”** Our Business strategy is to build a long-term client relationship. We pride ourselves on the highly skilled and motivated engineers that we have in the organization, who always endeavour to cooperate and collaborate to create better first class service.

# LEGAL DETAILS

Date of Establishment	16 <sup>th</sup> April, 2018
Nature of Business	Manufacturer / Service Provider
Incorporate Under	Indian Companies Act, 1956
Employee	90
Electric Contractor License No.	G/RJK/C-6737
Provident Fund Registration	GJRAJ1748584000
GSTIN	24AAICR8920R1ZN
PAN	AAICR8920R
TAN	RKTR05419B
MSME	GJ20E0054013
ESIC	37001144280001099
BIS License No.	CM/L-7600130511
Address	Plot No. 21A, R K Industrial Zone No. 11, At Sanosara, Wankaner Kuvadva Highway, Rajkot - 360 003, Gujarat, INDIA.
Contact	+91 9512 55 88 55
E-mail	info@rppltransformers.com
Website	www.rppltransformers.com

## Group of Companies

JP Powertech Private Limited

Softamp Infra Projects Private Limited



# OUR VISION

We aim to be the most competitive and the most productive service organization in the world. Our core competencies in inspection, verification, testing and certification are being continuously improved to be best in class. They are at the heart of what we are. Our chosen markets are and will be determined by our ability to be the most competitive and to consistently deliver unequalled service to our customers.

# OUR VALUES

We seek to be characterized by our passion, integrity, entrepreneurialism and our innovative spirit, as we continually strive to fulfill our vision. These values guide us in all that we do and are the bedrock upon which our organization is built.

# OUR HISTORY

RAJKOT POWERTRANS PRIVATE LIMITED (RPPL) is started in 2018 by five engineers who are working with each other since last 8 years. During their jobs they found that they can provide reliable and cost effective services to the industries, so they come among together and started company to give reliable Service to Client and Nation. In short time RPPL became famous and independent provider of installation, repair and maintenance services to mission critical high voltage substation equipment throughout the Nation. Headquartered at Rajkot - Gujarat, we have over 250 field-based technicians serving the utility, municipal and industrial markets nationwide. We have maintained long standing relationships with many of the largest utility companies throughout the Nation. Our employees have deep industry knowledge, strong technical skills and are located throughout the country, ready to be quickly deployed to service our customer's needs.

# OUR PRODUCTS



**DISTRIBUTION  
TRANSFORMER**



**POWER  
TRANSFORMER**



**SOLAR  
TRANSFORMER**



**WIND  
TRANSFORMER**



**FURNACE  
TRANSFORMER**



**DRY TYPE  
TRANSFORMER**



**COMPACT  
SUBSTATION**



**ISOLATION  
TRANSFORMER**



# OUR SERVICES



## Erection and Commissioning of Transformer & Switchyard

RPPL has executed more than 50 Nos. projects for substations up to 765 KV and small transmission lines up to 400 KV. We provide human resources, which includes unskilled workers, skilled workers, technical staffs, coordination staff and management for all aspects of ETC.

Our engineers are expert with vast experience and proficiency in providing innovative ideas and solutions for troubleshooting of transformers. RPPL also performs pre-commissioning checks of EHV transmission lines

## Operation and Maintenance of Switchyard, Pump House & Power Plant

- Testing of HT & LT Switch-gear Panels, Transformer, Bus Ducts & Cables etc.
- Testing & Maintenance of switch yard Equipments - LA, CT, PT, CB, Transformer etc.
- Retrofitting of Relays, Panels and Circuit breaker
- Earth Pit Earth Resistance Measurements
- Verification & Testing of system as per as - built Drawing
- Supply & Installation of relay, Circuit Breaker and Control Panels
- Round the Clock Trouble shooting Support
- Supply of Various Electrical Items and Testing Equipments

# On Site Testing of Transformer and Switchyard

## On Site Testing of Power Transformers

- Capacitance and Tan Delta Measurement
- Sweep Frequency Response Analyzer
- Low Voltage Routine
- Transformer Winding Resistance
- Turns Ratio Measurement
- Insulation Resistance Measurement and Polarization index
- DGA/BDV/PPM in ERDA

## On Site Testing of Circuit Breaker

- Dynamic Contact Resistance Measurement
- Static Contact Resistance Measurement
- Timing Test of Circuit Breaker
- Insulation Resistance Measurement
- Dew Point Measurement
- High Voltage Test on VCB (0-30kV AC) (0-60kV DC)

## Thermovision

- Switch Yard
- Electrical Motors
- Generator
- Transmission Lines
- LT Bus
- Jumpers

## Relay Testing & Protection Scheme Check

- Line Distance Relay
- Line Differential Relay
- Transformer Differential Relay
- Motor/Generator Protection Relay
- Directional Relay
- REF Relay
- Transformer/Motor/Generator Differential Stability Check
- Transformer REF Stability Check
- Bus bar Differential Stability Check

## On Site Testing of Current Transformer & Potential Transformer

- Capacitance and Tan Delta Measurement
- Polarity Test
- Primary Injection Test
- Knee Point Test
- Insulation Resistance Measurement

# Transformer Overhauling Services

Transporting a large transformer to a workshop for repairs is both time consuming and expensive. Moreover, the associated hazards are exacerbated by the often considerable age of the transformer and the state of the roads, rails and harbors. The quest for alternatives leads to repair and subsequent testing on-site. Many transformer defects can be attended to on-site. RPPL Transformer Service's professionals have at their disposal all the necessary expertise and mobile equipment needed, including vacuum pumps, oil treatment system and storage tanks. Their experience in both project leadership and execution guarantees repairs carried out to 100% with respect to quality and to schedule.

For repairs at RPPL, a full purpose-built repair workshop with sufficient hoisting capacity, drying ovens and testing facilities is used.

# Transformer Repairing Services

As part of our electrical services offerings, RPPL's transformer specialist provides transformer repair services that are considered a technically sustainable & financially attractive solution that meets the highest environmental standards in the electrical supply industry. Our transformer repair solutions are economically and technically efficient, restoring transformers to their original condition in respects to voltage, current & impedance. With RPPL's transformer repair services, you can expect...

- *Avoidance of future bottlenecks in new transformer availability*
- *An increase in the existing capacity of your transformer*
- *Adaption of your transformer to new grid conditions*
- *Extended life for your aging transformers*
- *Savings on high replacement costs*

# Transformer Oil Filtration Services

RPPL Transformer Oil Filtration Services utilizes highly trained and professional staff with a full complement of field service equipment to protect your assets, company's reputation and the environment. We offer experienced personnel performing transformer oil services for property managers, industrial & commercial companies. When handled improperly, transformer oil can be harmful to our environment, and to public health. Should your transformer require draining or refilling, rely on RPPL for safe and dependable on-site transformer oil services. Depending on your company's needs we offer...

- *Transformer and oil disposal*
- *Retro fill*
- *Insulating Oil Change*
- *Insulating Oil Supply.*

# OUR CLIENTS



## RAJKOT POWERTRANS PRIVATE LIMITED

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