



### VIJAI ELECTRICALS LTD.

Pioneering Leadership, Remarkable Vision, Strong Customer Focus and a Relentless Commitment to Quality and Innovation has made Vijai Electricals Ltd. as one of the largest and leading manufacturers - exporter of Power and Distribution Transformers in India. Established more than four and a half decades way back in 1973, Vijai Electricals Ltd. has come a long way in the manufacture of Electrical Power & Distribution Transformers. Today it stands as one of the most trusted and reputed brand name among all the customers.

### **VISION & MISSION**

Vision

To become one of the world's most admired enterprises in Power Sector. Staying ahead in technology trends.

Mission

Creating Best Value for all our stakeholders, society and economy

## QUALITY POLICY

Vijai Electricals Ltd., Design, Manufactures and Supplies "CUSTOMIZED POWER TRANSMISSION AND DISTRIBUTION EQUIPMENTS" and also executes turnkey projects in Transmission and Distribution for power utilities to meet the wide range of global market ensuring the support services to enhance Customer satisfaction..

I mprovement in different processes for minimum ownership cost to the Customer shall be one of VE's goals by employing the most suitable material, optimized design and effective controls, calibration and testing management.

Joint efforts within the Organization for excellence in all functional areas shall be the prime objective for achieving planned improvements.

A dapting changes that could help us in continual improvement of our Systems, Practices and Business Performance is top priority.

Inherent commitment to comply with the requirements of accredited International Standards viz., ISO 9001, ISO 14001, ISO 45001, ANSI, BS, DIN, IEC 17025 etc. Statutory and other regulations (as applicable to the various divisions), and to continually improve the effectiveness in true spirit by enhancing competence, knowledge and taking actions through professional practices. This shall be the prime responsibility of every employee.

## **OUR BUSINESS DIVISIONS**

# **Projects Division**

The projects wing started operation from year 2003 and now it is carrying out Major Projects in Transmission & Distribution of Power all over India. Vijai Electricals Ltd. is among the top five Power Transformers manufacturing companies in India and is the World leader in Distribution Transformers.

Vijai Electricals Limited is having rich experience in the field of execution of turnkey projects. In the last one & half decade Vijai Electricals Ltd. has executed several projects of National repute. The company is also having international presence in the execution of EHV projects. The Project division delivers timely services by following best practices of Project Management, Quality and Safety standards.

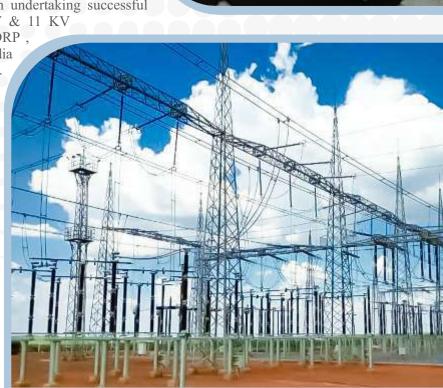
Vijai Electricals Projects Division had been undertaking successful installation and Commissioning of 33 kV & 11 KV

Distribution system under RGGVY, RAPDRP, DDUGJY and IPDS schemes of Govt. of India in states Like Bihar, Jharkhand, Odisha, MP. Maharashtra, Haryana Andhra Pradesh, Uttar Pradesh Tamilnadu & West Bengal. Many of these projects have been closely monitored and executed under PGCIL and NTPC, who are our main customers.

Project Division is actively involved in the Rural and Urban electrification Projects with scope of work as follows:

GIS, Cabling, 33/11 KV Lines and substations, EHV Substations, UG cabling, RSM works, BPL Connections.

These projects have been completed well effective in time through close monitoring and Project Management.



### **Cable & Conductor Division: Roorkee**

Cable and conductor plant at Roorkee (Uttarakhand) has following product basket:

- Aluminium Stranded Conductors As per IS:398 Part 1.
- Aluminium Conductors, Galvanized steel -Reinforced As per IS:398 Part 2.
- Aluminium Alloy Stranded Conductors (Aluminium Magnesium Silicon Type) As per IS:398 Part 4.
- Aluminium Conductors, Galvanized steel -Reinforced for Extra high voltage 400 kV and above As per IS:398 Part 5.
- Aerial Bunch Cables as per IS:14255.

### TRANSFORMER DIVISION: HARIDWAR

Vijai Electricals Ltd. has state of the art facility at Haridwar (Uttarakhand), spread over 40455 sq m area with factory floor area of 19856 sq m for the manufacturing and testing of various sizes Distribution and Power Transformers.

Single Phase DTR from 5 KVA upto 100 KVA in required voltage class with Amorphous Metal /CRGO core with Aluminium / Copper Conductor as per IS 1180 and Relevant international Standards Three Phase DTR and PTR from 10 KVA upto 20 MVA 66 KV inverter duty transformers (solar transformer), compact substation as per relevant National and International Standards

Today we have achieved the pinnacle of success in the domain of Distribution and Power Transformers with installed capacity up to 20 MVA of 66 KV voltage class. Company has to its credit the success of manufacturing and supply of over 50,000 transformers per annum to Electricity Boards, Industries and other Power Utilities across the Globe. The Company enjoys an excellent image as a reliable transformer manufacturing unit amongst its customers in India and abroad.

These products are also conforming to IEC, ANSI, IS, BS, DIN and other international standards. We have emerged as one of the largest exporter of Distribution and Power transformers. Our products are used in industries such as power utilities, process industries, railways, mines, solar plant etc. in global markets.

VEL transformers provide exceptional performance, quality and reliability with digitized protection and monitoring capabilities. Our smart transformers can provide details on vital parameters which will be able to respond instantly to fluctuations of the power grid.

Haridwar plant has successfully Designed 500 KVA and 315 KVA 11/0.433 KV, 3 Phase, Copper wound BEE STAR 5 energy efficient transformers with CRGO core material. We have also designed transformers complying with Eco design requirements -Tier 2 vide European Union directives 2009/125/EC regulation coming to effect from 01 July 2021. These Transformers have been successfully type tested, including for short circuit in BIS approved NABL lab at ERDA Vadodara.

The Plant has been certified for ISO 9001: 2015, ISO 14001: 2015, ISO 45001: 2018 and ISO/IEC 17025: 2005 - Issued By National Accreditation Board For Testing and Calibration Laboratories of India (NABL) for in house testing facilities. Our quality standards has been approved by PGCIL, NTPC and various other utilities of India and outside. The following In-house facilities are in place:

- Cut to Length CRGO core cutting facility.
- Fabrication, processing and surface treatment of Transformer tanks and MS components, through Shot blasting and Seven tank methods
- Amorphous Metal Core manufacturing line.
- Wound core manufacturing line
- Oil Storage tanks of 300 KL capacity.
- Vacuum drying Autoclaves for Power Transformers and Continuous oven with conveyor for Distribution transformers







# **QUALITY CERTIFICATES**



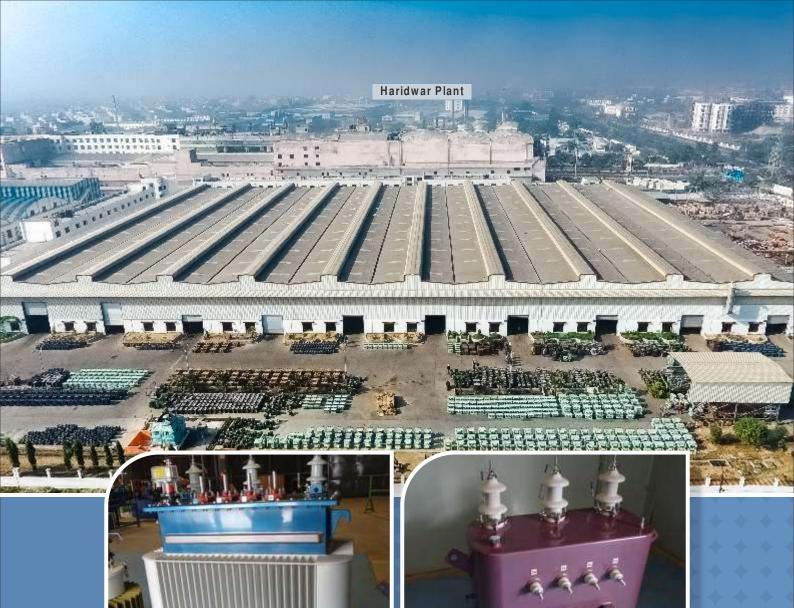












# **VIJAI ELECTRICALS LTD.**

#### Corporate & Registered Office

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#### Haridwar Plant

Plot No. 1-A, Sector 12, IIE, SIDCUL, Haridwar-249403 Uttarakhand, India

#### Roorkee Plant

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