



JR ENGINEERING CORPORATION

(Engineering, Construction, Trading, Sales & Service Solutions)

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ABOUT US

Established in the year 2009, JR Engineering Corporation has emerged as one of the most reputable and trusted names in the electrical and industrial product sector. Built on a strong foundation of **quality, integrity, and customer satisfaction**, our organization has consistently delivered reliable solutions to industries across various sectors.

We are recognized as a **leading Retailer and Wholesaler** of a comprehensive range of **electrical and industrial** components, catering to the evolving needs of modern industrial applications. Our commitment to excellence, combined with deep industry expertise, enables us to provide products that meet high performance and safety standards.

Our extensive product portfolio includes:

- ✓ DOL Starters
- ✓ Proximity Switches
- ✓ Current Transformers
- ✓ Electric Motors
- ✓ Control Transformers
- ✓ U Tube Manometers
- ✓ Motor Control Panels
- ✓ Girishego Thermostats
- ✓ HPL Energy Meters
- ✓ And many other precision-engineered electrical products



At JR Engineering Corporation, our mission is to provide innovative and cost-effective electrical solutions while building long-term relationships with our clients through **reliability, professionalism, and continuous improvement**.

MISSION & VISION

Our Mission

Leading Service Partner for Industries

JR Engineering Corporation aims to become one the **leading service providers for all types of manufacturing industries**. We wish to provide regular services to major and minor industries such as steel, cement, power, structural, and other industrial sectors in **Chhattisgarh State** and across India.

Customer-Friendly Technology Solutions

Simplifying the latest complex **technology** and making it **customer-friendly** is the **hallmark** of very few **organizations** worldwide.

JR Engineering Corporation wishes to become one such firm in India by offering **innovative, easy-to-use, and practical engineering solutions**.

- ✓ **Provide superior electrical and industrial products** that ensure safety, efficiency, and durability.
- ✓ **Maintain the highest standards of quality, integrity, and professionalism** in every business interaction.
- ✓ **Build long-term partnerships** by understanding customer requirements and offering dependable solutions.
- ✓ **Ensure timely delivery and excellent customer support** to maximize client satisfaction
- ✓ **Continuously improve our services** through innovation and industry expertise.

Our Vision

Our vision is to enhance the value in the **electrical systems** of our clients by improving the effectiveness of electrical protection systems, reducing supply interruptions, minimizing damage during faults, and improving the efficiency and stature of the electrical section.

Our Vision

Our vision is to be recognized as a **leading and most trusted electrical and industrial solutions provider** across india by:

- ✓ **Expanding our product portfolio** with advanced and innovative technologies
- ✓ **Strengthening relationships** with customers, suppliers, and industry partners
- ✓ **Promoting sustainable and energy-efficient solutions** for industrial growth

WHY CHOOSE US

At JR Engineering Corporation, we are committed to delivering reliable electrical and industrial solutions backed by quality products, strong technical expertise, and excellent customer service. Our focus is to build **long-term partnerships** with industries by providing dependable and efficient solutions.

1 Quality Assured Products

We supply high-quality electrical and industrial components sourced from trusted and reputed manufacturers to ensure durability, reliability, and performance.



2 Wide Product Range

Our extensive portfolio includes products such as **DOL Starters, Proximity Switches, Current Transformers, Electric Motors, Control Transformers, Motor Control Panels, Energy Meters**, and many other industrial electrical solutions.



3 Industry Experience

With years of experience in the electrical and industrial sector, we understand the **specific requirements of industries** and provide solutions that meet operational needs effectively.



4 Trusted Service Partner

We aim to become a **leading service partner** for manufacturing industries, providing regular support to sectors such as steel, cement, power, structural, and other industrial industries.



5 Customer-Focused Approach

Customer satisfaction is our top priority. We provide **responsive support, practical solutions, and personalized service** to meet the unique needs of every client.

6 Reliable Supply & Timely Delivery

Our efficient supply network ensures quick availability of products and **timely delivery**, helping industries maintain smooth operations without **delays**.

7 Strong Business Ethics

We believe in transparent dealings, **integrity, and professionalism**, which has helped us build long-lasting relationships with our customers and partners.

Product Overview

Electrical switches are essential components used to control, isolate, and protect electrical circuits in industrial, commercial, and utility applications. These switches are designed for safe operation, long service life, and reliable performance under varying electrical loads and environmental conditions.

Types of Electrical Switches Applications

- Toggle Switches
- Push Button Switches
- Rotary Switches
- Limit & Proximity Switches
- Selector Switches

- Control panels & switchboards
- Industrial machinery
- Electrical distribution systems
- Commercial & residential installations
- Automation & control systems



Key Features

High Durability: Designed for long operational life

Safe Operation: Reliable switching & isolation

Compact Design: Easy installation in panels

Wide Compatibility: Suitable for multiple applications

Electrical & Instrumentation

Wires & Cables

We supply, install and commission high-quality electrical and instrumentation cables for industrial plants, substations, railway systems and automation projects, ensuring reliable power transmission and signal communication.



Applications

- Industrial power distribution
- Substations & switchyards
- Railway electrification systems
- Control panels & automation
- Process plants & instrumentation

Key Features

- High insulation & thermal resistance
- Flame & weather resistant
- Low signal loss accuracy
- Heavy load carrying capacity
- Industrial safety compliant

Lighting Products – Domestic & Industrial

We supply and install high-efficiency lighting solutions for residential, commercial and industrial environments, ensuring optimal illumination, energy efficiency and long-term performance.

Applications

- Industrial plants & workshops
- Warehouses & logistics areas
- Residential & commercial buildings
- Outdoor & street lighting
- Railway & infrastructure projects

Key Features

- Energy-efficient LED solutions
- Long service life
- Low maintenance requirement
- Uniform illumination output
- Industrial grade reliability



LV & HV Electrical Switch Gears

Electrical Switchgears are used to control, protect and isolate electrical circuits and equipment. They play a vital role in ensuring operational safety and uninterrupted power distribution in electrical systems. These systems are designed to handle overloads, short circuits and faults while allowing safe maintenance and system control.



Types Available

- LT Switchgears – MCB, MCCB, ACB
- HT Switchgears – VCB, SF6
- Indoor & Outdoor Switchgears
- Air & Gas Insulated Panels
- Control & Protection Panels

Applications

- Industrial manufacturing units
- Commercial & residential complexes
- Power plants & substations
- Utilities & infrastructure projects
- Electrical distribution panels

LV & HV Motors

We supply, install and commission low voltage (LV) and high voltage (HV) motors for industrial plants, utilities and infrastructure projects, ensuring reliable performance and efficient power utilization.

Applications

- Industrial process plants
- Pumping stations & utilities
- Material handling systems
- Power plants & substations
- Manufacturing machinery



Key Features

- High efficiency & low power loss
- Robust industrial construction
- Low maintenance requirement
- Smooth and stable operation
- Suitable for continuous duty

Railway 25 KV OHE Equipment's & Spares

We supply, install and support a complete range of 25 KV Railway Overhead Electrification (OHE) equipment and spare parts for railway electrification infrastructure and maintenance projects.



Installation & Support

- Foundation & mast erection
- Wire stringing & alignment
- Testing & commissioning
- Maintenance assistance

Key Advantages

- Railway approved materials
- High mechanical strength
- Reliable electrical performance
- Suitable for heavy-duty rail operations

Equipment Supply

- OHE fittings & hardware
- Insulators & droppers
- Masts & cantilever assemblies
- Sectioning & switching components

Instrumentation, Electronics & IT Products

We supply advanced instrumentation, electronic and IT solutions designed to support industrial automation, monitoring systems, data management and modern infrastructure requirements.

Product Range

- Industrial sensors & transmitters
- Control & monitoring instruments
- Automation panels & PLC systems
- Electronic control modules
- Networking & IT hardware



Key Benefits

- Improved process accuracy
- Reliable system monitoring
- Enhanced automation efficiency
- Modern industrial connectivity
- Long-term operational reliability

Testing & Measuring Equipment



Testing & Measuring Equipment

We supply and support high-precision testing and measuring equipment used for electrical systems, industrial installations, commissioning works and maintenance operations.



Key Features

- High measurement accuracy
- Reliable fault detection
- Portable & rugged design
- Industrial safety compliant
- Long operational life

Applications

- Electrical system testing
- Substation & switchgear inspection
- Railway electrification projects
- Industrial maintenance works
- Quality control & calibration

Electrical Panels



We design, manufacture and supply a wide range of electrical control and distribution panels for industrial and commercial applications.

MCC Panels

Motor Control Centre panels provide centralized control and protection for multiple motors, ensuring safe operation and efficient plant performance.



PCC Panels

Power Control Centre panels distribute incoming electrical power from transformers to various feeders with proper protection and monitoring.

Power Distribution Boards

Distribution boards safely distribute electricity to different circuits, providing protection and controlled power flow within facilities.



Electrical Panels



We design, manufacture and supply a wide range of electrical control and distribution panels for industrial and commercial applications.



Drive Panels

Drive panels house VFDs or motor drives for speed control, helping optimize energy use and improve process efficiency.

Control Desk

Control desks allow operators to monitor and manage machinery and processes through switches, indicators and control instruments.



Soft Starter Panels

Soft starter panels reduce motor starting current, prevent mechanical stress and ensure smooth acceleration.



Electrical Panels

We design, manufacture and supply a wide range of electrical control and distribution panels for industrial and commercial applications.

Plug & Socket Boards

Industrial plug and socket boards provide safe and reliable power connections for portable equipment and machinery.



Manual Change-over Panels

These panels allow switching between two power sources such as mains and generator to ensure uninterrupted power supply.

APFC Panels

Automatic Power Factor Control panels maintain power factor by switching capacitor banks, reducing energy losses and penalties.



Renewable Energy Solar Products



We supply and support a wide range of solar energy solutions designed to provide clean, efficient and sustainable power for residential, commercial and industrial applications.

Solar Water Heaters

Energy-efficient systems that use solar heat to provide hot water for homes, hotels and industries.



Solar Lights

Solar-powered lighting solutions suitable for streets, gardens, campuses and rural electrification projects.



Solar Chargers

Portable and stationary solar charging systems designed for reliable power backup and remote locations.



Solar Photovoltaic Panels

High-efficiency PV modules used for power generation in residential rooftops, plants and solar farms.



Solar Inverters

Advanced inverters that convert solar DC power into usable AC power for homes, industries and grid systems.



Engineering Services

- Industrial Equipment Design
- Hydraulic System Engineering
- Mechanical Fabrication Planning
- Process Optimization

Design Solutions

- 2D & 3D CAD Drawings
- Machine Layout Planning
- Plant Design & Structure Drafting
- Custom Product Design



Consultancy

- Project Feasibility Analysis
- Technical Consultation
- Vendor & Material Selection
- Cost Optimization Planning

Project Support

- Installation Supervision
- Testing & Commissioning
- Maintenance Planning
- After-Sales Technical Support

Our Sector Expertise



With strong technical knowledge and on-ground execution experience, we serve multiple sectors including civil infrastructure, industrial construction and high-voltage government electrical projects.

Construction Works

We undertake complete construction projects including civil works, structural fabrication, foundations, industrial sheds, utility buildings and infrastructure development with a focus on durability, safety and engineering precision.



Private Sector (Domestic & Industrial)

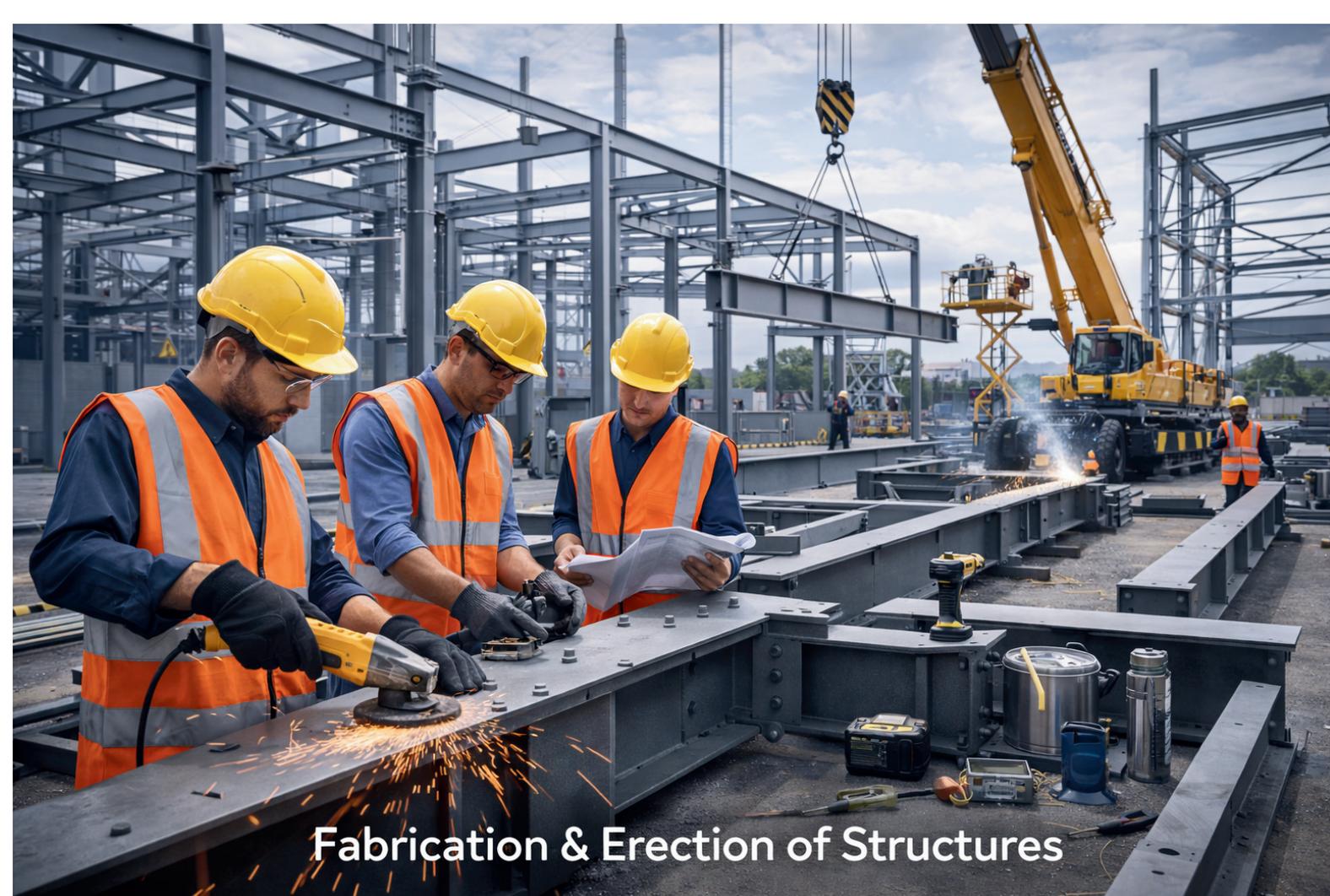
Government Sector Projects

We have hands-on experience in executing government electrical and infrastructure works including CSPDCL 11KV / 33KV power distribution projects and Railway OHE 25KV electrification systems, ensuring strict adherence to technical specifications, safety norms and regulatory standards.

Our team delivers turnkey construction and engineering solutions for residential, commercial and industrial clients. We specialize in factory construction, warehouse structures, plant layouts, mechanical installations and customized industrial infrastructure.

Fabrication & Erection of Structures

We undertake complete fabrication and erection of structural works for industrial, commercial and infrastructure projects. Our services include steel structure fabrication, industrial sheds, equipment supports, platforms and customized assemblies.



With experienced engineers and skilled manpower, we ensure precise fabrication, safe on-site erection and strict adherence to quality standards, resulting in strong, reliable and long-lasting structures.

Sand Blasting and Painting Work

We provide professional sand blasting and industrial painting services for structural steel, machinery and fabricated components to enhance surface quality, corrosion resistance and long-term durability.

Our process includes surface cleaning, rust and scale removal, protective coating application and final finishing using industry approved materials and techniques to ensure reliable performance in demanding industrial environments.

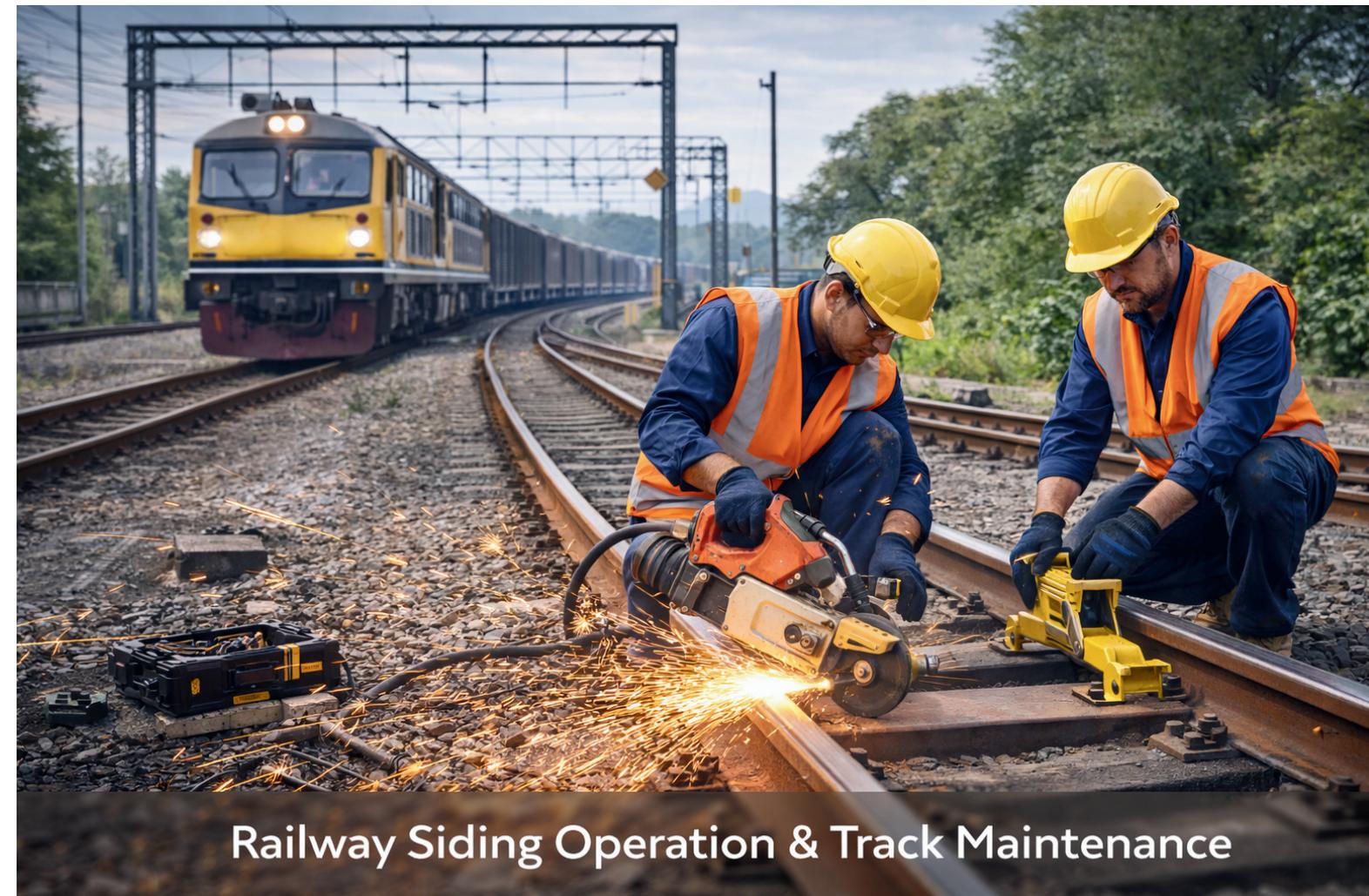


Sand Blasting and Painting Work

Railway Siding Operation & Track Maintenance



Railway Siding Operation & Track Maintenance



Railway Siding Operation & Track Maintenance

We provide complete railway siding operation and track maintenance services to ensure smooth, safe and uninterrupted rail movement for industrial and logistics operations.

Our services include track inspection, alignment correction, sleeper replacement, ballast maintenance, siding supervision and operational support. We follow railway safety norms and engineering standards to maintain track stability, load capacity and long-term performance.

Railway OHE, TSS & SSP Services

We specialize in erection, commissioning, operation and maintenance of Railway Over Head Electrification (OHE), Traction Sub Stations (TSS) and Sub Sectioning & Parallel Post (SSP) systems for railway electrification infrastructure projects.

Our team handles installation of masts, wiring, foundations, switching equipment, control systems and associated electrical components in compliance with railway engineering standards and safety protocols.

With trained manpower and site supervision, we ensure reliable electrification performance, safe operations and timely execution of railway infrastructure projects.



Traction Substation (TSS)



Sectioning & Paralleling Post (SSP)

Railway OHE, TSS & SSP Services

Power Plant Operation & Maintenance

We provide end-to-end Power Plant Operation & Maintenance (O&M) services along with expert technical consultancy to ensure safe, efficient, and uninterrupted plant operations.

Our structured O&M strategies focus on preventive maintenance, performance optimization, higher availability, and extended asset life.

Technical Consultancy Services

- ✓ Plant performance evaluation & benchmarking
- ✓ Heat rate & energy efficiency improvement
- ✓ O&M cost optimization studies
- ✓ Technical audits & feasibility analysis
- ✓ Training & skill development programs



Why Choose Us?

Operation & Maintenance Services

- ✓ Complete power plant operation & monitoring
- ✓ Preventive, predictive & breakdown maintenance
- ✓ Boiler, turbine & balance of plant maintenance
- ✓ Skilled manpower & technical staffing
- ✓ Safety, statutory & environmental compliance
- ✓ Experienced power plant professionals
- ✓ Proven O&M contract execution
- ✓ Strong focus on safety & reliability
- ✓ Customized plant-specific solutions
- ✓ Long-term partnership approach

Installation of Earthing & Protection Systems

We provide complete installation of electrical earthing and protection systems for industrial plants, substations, railway infrastructure and commercial facilities to ensure operational safety and equipment protection.

Our services include earth pit installation, copper/gi strip laying, grounding network design, lightning protection systems and testing of earth resistance values as per electrical standards and safety norms.

With skilled technicians and quality materials, we ensure reliable grounding performance, system stability and long-term electrical safety for every project.



Railway Siding Operation & Track Maintenance
Instalition of Earthing & Protection Systems

LT ACB Breakers & Switchgear Maintenance & Overhauling Services



LT ACB Breakers & Switchgear

We offer specialized LT ACB (Air Circuit Breaker) and Low Tension Switchgear maintenance and overhauling services to ensure safe operation, high reliability, and extended equipment life.

Our experienced electrical engineers and trained technicians strictly follow OEM guidelines and safety standards during all maintenance activities.



LT ACB Breakers & Switchgear Maintenance
Installation of Earthing & Protection Systems

General Maintenance Services

- ✓ Visual inspection & condition assessment
- ✓ Cleaning of contacts & arc chutes
- ✓ Lubrication of operating mechanisms
- ✓ Tightening of power & control connections
- ✓ IR & contact resistance testing

ACB Overhauling Services

- ✓ Complete dismantling & internal inspection
- ✓ Replacement of worn-out components
- ✓ Spring charging & mechanism servicing
- ✓ Protection & trip setting calibration
- ✓ Functional testing & commissioning

Electrical Equipment Installation, Testing & Commissioning



Electrical Equipment Installation, Testing & Commissioning

We undertake installation, testing and commissioning of a wide range of electrical equipment for industrial plants, substations, railway projects and commercial facilities.

Our services include installation of HT & LT transformers, control panels, switchgear systems, power and control cables, distribution boards and associated electrical components in compliance with industry standards and safety norms.

With experienced engineers and certified technicians, we ensure proper system integration, performance testing and reliable commissioning for safe and efficient electrical operations.



HV & LV Switchgear, Protection & Substation Systems

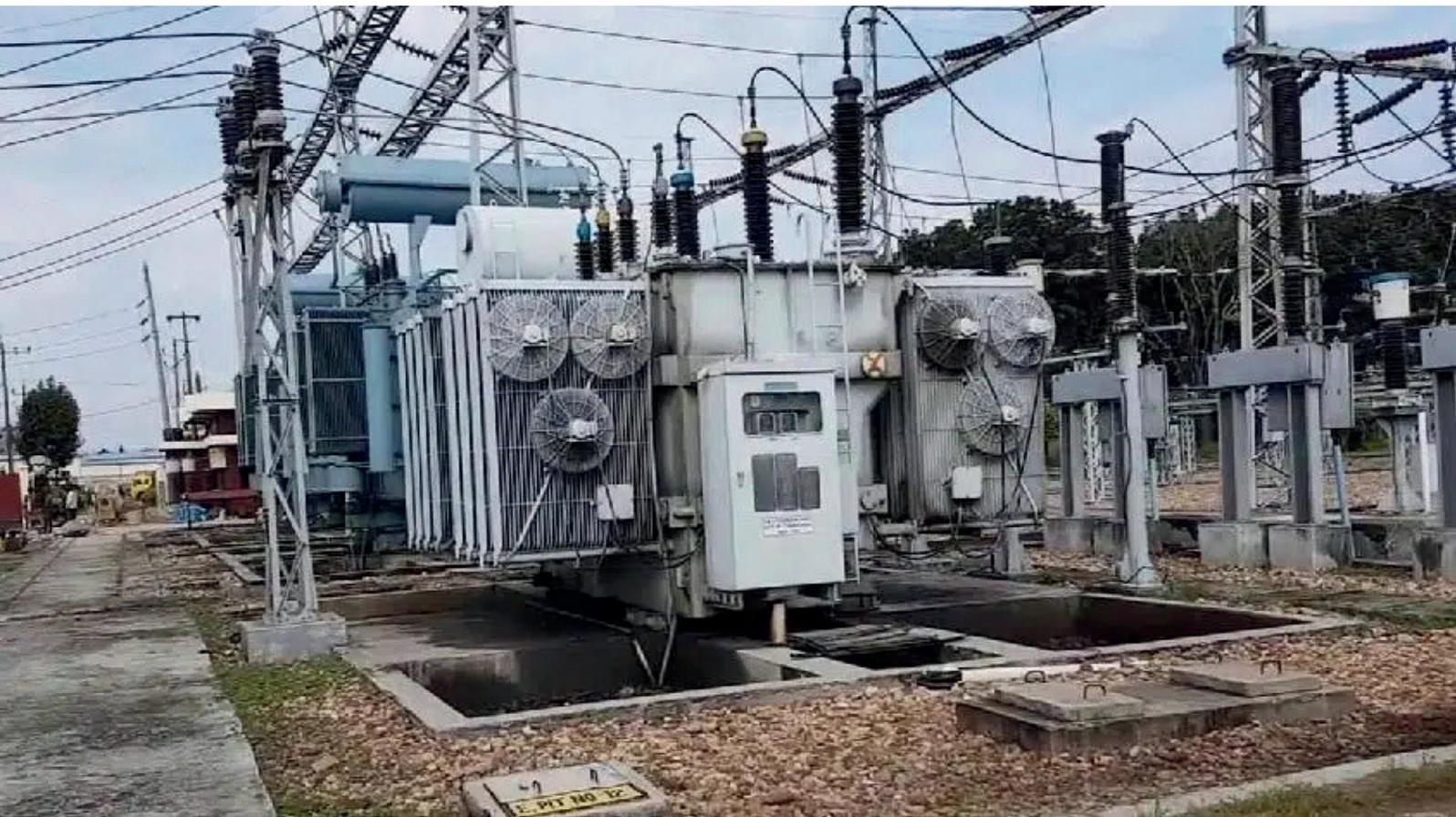


HV & LV Switchgear, Protection & Substation Systems

We undertake erection, testing and commissioning of HV & LV switchgear systems, control panels and protection equipment for substations, switch yards and industrial power networks.

Our expertise includes installation and calibration of current transformers (CT), potential transformers (PT), protection relays, control wiring, busbar systems and interlocking mechanisms in compliance with electrical standards and safety regulations.

With experienced engineers and testing instruments, we ensure accurate system integration, fault protection reliability and stable power distribution performance for critical electrical infrastructure.



CONTACT US

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We are always ready to assist you with reliable electrical and industrial solutions. For inquiries, product information, or service support, feel free to contact us using the details below.



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