

SANJAY LOHAR

ELECTRICAL ENGINEER

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 LinkedIn Profile

PROFESSIONAL SUMMARY

Diploma Electrical Engineer with 2 years of hands-on industrial experience in electrical maintenance at a large metal manufacturing plant. Strong exposure to VFDs, motors, panels, PLC basics, preventive & breakdown maintenance, and plant utilities. Proven ability to troubleshoot faults quickly, reduce downtime, and work safely in high-load industrial environments.

PROFESSIONAL EXPERIENCE

ELECTRICAL MAINTENANCE ENGINEER

RAAJRATNA METAL INDUSTRIES LTD.

- Performed preventive, predictive, and breakdown maintenance of plant electrical equipment.
- Diagnosed and rectified faults in motors, VFDs, control panels, and power circuits, minimizing production downtime.
- Operated and maintained AC motors, starters, MCC panels, and VFD drives (Unidrive SP, Yaskawa, INVT).
- Assisted in PLC wiring and basic troubleshooting during machine faults.
- Conducted routine inspections using multimeter, megger, and clamp meter.
- Coordinated with production teams to ensure continuous and safe plant operation.
- Followed strict electrical safety and lock-out/tag-out procedures.

01/2024 – Present

Bileshwarpura,
Gujarat, 382729

EDUCATION

SGBB. Govt. Polytechnic College

Diploma In Electrical Engineering

Overall CGPA - 8.67

08/2020 – 08/2023

Sirohi, Rajasthan
(307001)

TECHNICAL SKILLS

• Electrical Maintenance:

Preventive, corrective & breakdown maintenance

• VFDs:

Operation, parameter setting & troubleshooting

• Motors & Starters:

AC/DC motors, DOL, Star-Delta starters

• Testing Instruments:

Using Multimeter, Megger, Clamp Meter

• PLC:

Basic wiring and fault diagnosis

• Panel Wiring:

Motor control circuits, power & control wiring

• Electrical Drawings:

Reading wiring diagrams & SLDs

• Safety:

Industrial electrical safety practices

SOFT SKILL

- Team coordination during maintenance shutdowns
- Clear communication with production & supervisors
- Time-bound task execution
- Quick fault analysis & decision-making
- Strong safety discipline

CERTIFICATES

**DIESEL LOCOMOTIVE
SHED, ABUROAD
1.5 Month Training In Diesel
Locomotive Shed.**

KEY LEARNING :-

- Diesel-electric locomotives (ALCo & EMD)
- Maintenance schedules: IA, IB, TOH, IOH
- Traction motors, bogies, braking systems
- Engine systems, air brake & lube oil systems
- Fault diagnosis and safety procedures

**RVPNL 220kV Grid
Substation, Sirohi
1 Month Training in RVPNL
220kV Grid Substation.**

KEY LEARNING :-

- 220kV / 132kV / 33kV substation operations
- Power transformers, CT/PT, SF6 & VCB breakers
- Busbar, isolators & earthing systems
- SCADA basics & protection systems
- Single Line Diagram (SLD) reading

LANGUAGES

Hindi

English

Gujarati