ARIF KHAN

ASSISTANT ENGINEER

Electrical Maintenance & Operations

✉ ak2602754@gmail.com
📱 +91 7478145046
📍 West Bengal, India

PROFESSIONAL SUMMARY

Assistant Engineer with nearly 3 years of hands-on experience in electrical operations and maintenance in a large-scale iron ore pellet plant. Experienced in HT/LT power distribution up to 33 kV, switchgear, VFDs, motors, pumps, EOT cranes, cooling towers, and conveyor systems. Skilled in preventive, predictive and breakdown maintenance, troubleshooting, shift supervision, manpower handling, and electrical safety practices including LOTO and PTW.

CORE SKILLS

- Electrical maintenance & troubleshooting
- Breakdown maintenance & root cause analysis
- DG sets & ESP systems
- HT/LT switchgear & protection
- EOT cranes, compressors & conveyors
- LOTO, Permit-to-Work (PTW) & PPE
- Maintenance planning & coordination
- Transformers & capacitor banks
- HT/LT electrical distribution up to 33 kV
- Electrical drawings & technical documents
- Motors, VFDs, starters & control circuits
- Preventive & predictive maintenance
- Shift supervision & manpower handling

PROFESSIONAL EXPERIENCE

SHYAM SEL POWER LTD — Assistant Engineer

Jan 2024 – Present

- Operate and maintain HT/LT electrical distribution systems up to 33 kV, transformers, switchgear, capacitor banks, DG sets and ESP systems.
- Maintain and troubleshoot motors, VFDs, starters, conveyor systems, EOT cranes and compressors.
- Attend electrical breakdowns during shifts and restore equipment safely with proper fault finding and root cause analysis.
- Execute preventive, predictive and corrective maintenance to ensure high equipment reliability and availability.
- Supervise electrical technicians and coordinate manpower to execute daily maintenance activities.
- Follow LOTO, PTW, PPE and electrical safety procedures during maintenance and switching activities.
- Coordinate with Production and Mechanical departments for quick breakdown restoration and smooth plant operation.
- Maintain daily equipment checklists, maintenance records and technical documentation.
- Support safe, reliable and efficient operation of electrical systems in a large-scale iron ore pellet plant.

EDUCATION

Diploma in Electrical Engineering — **2021 – 2023**
Bundwan Polytechnic, West Bengal, India

Higher Secondary (Vocational) — **2018 – 2020**
Gourangdi R.K.S Institution H.S., West Bengal, India

LANGUAGES

English • Hindi • Bengali