

BHUKYA SAI PRAKASH

Assistant Manager – Electrical

✉ saiprakashbhukya14@gmail.com ☎ 6305278372

🌐 linkedin.com/in/sai-prakash-bhukya/ 🔗 bhukyasaiprakash.in



Summary

Results-oriented Electrical engineer with post-qualification experience in electrical maintenance for blast furnace operations at JSW Steel, a top metallurgical process company. Power distribution, troubleshooting, and protection scheme expertise with a track record of 15% downtime reduction and safety compliance.

Experience

Assistant Manager – Electrical Engineer (Blast Furnace Maintenance) JSW Steel 09/2024 – present
DOLVI, PEN, MUMBAI

- “Monitored motors status, and power distribution systems and fixed issues quickly, maintaining less than 2% downtime.”
- Responsible for preventive and corrective maintenance, increasing productivity, and cutting expenses by 12% (₹2 lakhs per year).
- Collaborate with teams to analyze system performance and implement continuous improvement initiatives.

Graduate Engineer Trainee (Electrical)—Blast Furnace-2 Department, 09/2023 – 09/2024
JSW Steel DOLVI, PEN, MUMBAI

- Executed maintenance of electrical systems, enhancing equipment availability and operational efficiency.
- Supported cost-effective maintenance strategies, reducing overall maintenance expenses.
- Ensured adherence to safety protocols and environmental regulations during operations.
- Maintained records and analyzed data to support production goals and process improvements.

Education

B.Tech, Vallurupalli Nageswara Rao Vignana Jyothi Institute of Engineering & Technology (VNR VJIET) 2019 – 2023

Completed EEE at Vallurupalli Nageswara Rao Vignana Jyothi Institute of Engineering & Technology (VNR VJIET) with a CGPA of 7.6

Intermediate(+2), Narayana Junior College 2016 – 2018
completed +2 at Narayana Junior College with 93%.

SSC(10th) 2015 – 2016
Completed SSC with GPA of 9.0 (90%)

Skills

- Electrical Maintenance & Troubleshooting
- Transformers, Motors & Switchgear
- HT/LT Electrical Systems
- Industrial Automation (PLC/HMI Fundamentals)

Courses & Certificates

Electrical Schematics (Industrial Controls), Udemy- issued on June ,2024

(Credential ID: UC-54463966-0d0b-4972-ab4e-0ce37008b3c1)

Completed training in reading and interpreting electrical schematics, power and control circuits, motor control systems, electrical interlocking, and industrial protection devices. Gained practical knowledge of industrial electrical systems and troubleshooting.

Electrical Wiring Master Course,

Electrical Technician Training Institute, Bhopal- issued on January ,2025

(Credential: EWMC-10536-SN3011)

Comprehensive training on heavy industrial starter wiring configurations including Direct-On-Line (DOL), Star-Delta, Forward-Reverse, and safety interlocking parameters.

Complete Plant Design & Commissioning, Udemy – Issued June 2026

(Credential: UC-2e3d762c-b516-4e19-a288-802dff6b91c1)

Completed training in industrial electrical systems, power distribution, motor control, automation, and commissioning. Developed knowledge in transformer and cable sizing, VFDs, PLC/HMI fundamentals, electrical interlocking, control logic, equipment selection, and troubleshooting.

Key Skills: Power Distribution, Transformer & Cable Sizing, Motor Control, VFDs, PLC/HMI, Electrical Interlocking, Commissioning, Troubleshooting.

Achievements

Reduced equipment downtime

Reduced equipment downtime by 15% through proactive preventive maintenance of power distribution systems and motors in blast furnace operations.

Very Good Performance Rating – Annual Performance Appraisal

Achieved a "Very Good" Performance Rating in recognition of technical competence, maintenance effectiveness, problem-solving ability, and commitment to operational reliability.

Projects

Crane Limit System Commissioning

02/2026 – 02/2026

- Involved in the commissioning of crane limit switches to ensure safe crane operation.
- Identified that the existing limit switch cables were damaged and replaced them by installing new cables for all limit circuits.
- Rewired and connected the limit switches properly to the control panel.
- Performed adjustment and testing of the limit switches to ensure correct stopping positions and safe crane movement.

Automatic Bus Changeover for LT System – Emergency PCC Panel

05/2025 – 05/2025

- Designed and implemented automatic bus changeover logic for the LT Emergency PCC panel.
- Developed control logic for automatic load transfer from utility supply to DG during power failures.
- Configured breaker interlocks and transfer sequencing to ensure safe operation and prevent back-feeding.
- Enhanced system reliability and ensured uninterrupted power supply to critical loads.
- Improved response time and operational continuity during power outages.

Strengths

Team Collaboration

Skilled in working effectively with colleagues towards achieving common goals.

Performance Under Pressure

Able to maintain high performance levels and deliver results.