

SOPAN DANGE

(Engineer Shift Electrical)

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CAREER OBJECTIVE

High-energy Electrical Engineer with over 2.10 years of professional experience in Blast Furnace Electrical Maintenance within the iron and steel industry. Skilled in equipment troubleshooting, HT/LT panel maintenance, switch yard, maintenance planning, and safety systems. Seeking to contribute technical expertise to enhance plant reliability, reduce downtime, and support continuous operations in a reputed organization.

PROFILE SUMMARY

- Diploma in Electrical Engineering with strong academic background.
- Over 2.10 years of professional experience in Blast Furnace and power plant Electrical Department.
- Expertise in equipment troubleshooting, maintenance and resource optimization.

PROFESSIONAL EXPERIENCE

1. ArcelorMittal Nippon Steel India Limited

Assistant Engineer – Blast Furnace Electrical Department | June 2023 – Nov 2025

2. Thermal Power Plant (Sri Sai power and equipment pvt Ltd)

Electrical Shift Engineer -Thermal power plant Electrical Department | Dec 2025- Present

- Blast Furnace Electrical Department, maintenance equipment operations and troubleshooting.
- I have follow work procedure of SOP,HIRAC,Permit to work, Tool box talk and LOTO
- Hands-on experience with HT/LT Panels, PCC, MCC switchboard
- Transformers, vibro feeders, conveyor motors, pump motors, generator, hoist and EOT cranes (10T, 30T, 50T, 100T, 225T, 250T).
- Maintained and troubleshot systems such as DOL starter, RDOL starter, star-delta starter, AC drives, soft starters, ensuring smooth operations.
- Various switchgear work like MCB, MPCB, MCCB, Contactor, ACB, VCB, SF6 breakers

- Conducted VFD drive maintenance, troubleshooting and commissioning (Siemens, yasakawa, abb)
- Creation of notification in SAP HANA and PM module activity in SAP HANA.
- Coordinated manpower allocation for preventive and corrective maintenance tasks.
- Ensured compliance with safety standards including conveyor safety, EOT crane safety switches, encoders, limit switches, emergency stop devices, thruster brakes, and DC brakes.
- Conducted root cause failure analysis during breakdowns and implemented corrective actions.
- Collaborated with cross-functional teams to align with production and process requirements.
- Generator and grid synchronizing process to be conduct
- Good Communication with other substation other department
- I have knowledge about switch yard and there equipment .

Skills

- Safety
- Teamwork
- Manpower management
- Troubleshooting
- Decision making ability

PROJECTS

- EOT crane new control desk upgrade
- Alarm hooter development in cast house area in Blast Furnace
- Auxiliary hoist commissioning in EOT crane

EDUCATION

- Diploma in Electrical Engineering – Santosh N. Darade Polytechnic, Yeola (MSBTE), 2023 | 78.67%
- Higher Secondary (12th) – Janta College, Yeola (MSBSHSE), 2020 | 64%
- Secondary (10th) – New English School, Sawargaon (MSBSHSE), 2018 | 75.60%

ADDITIONAL INFORMATION

- Languages: English, Hindi, Marathi
- Date of Birth: 26 May 2002
- Address: At Devargaon, Post Savargaon, Tal-Yeola, Dist-Nashik, Maharashtra – 423401
- Marital Status: Unmarried

DECLARATION

I hereby declare that all the information furnished above is true to the best of my knowledge and belief.