

JAYANT DEWANGAN

ELECTRICAL AND INSTRUMENTATION ENGINEER

CONTACT

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Raipur, Chhattisgarh

SKILLS

Transformer Routine Testing

Preventive Maintenance

Leadership

Vfd Maintenance

Breakdown Analysis

Documentation

Relay testing


EDUCATION

Bachelor of Engineering(EEE)

Chhattisgarh Swami Vivekananda
Technical University / Bilai

2010-2014

LANGUAGES

Hindi 

English 

PROFESSIONAL SUMMARY

A competent professional with over 9.3+ years of experience in Operations & Maintenance, Erection & Commissioning of Electrical systems. Hands-on experience in operation & maintenance of HT, LT Motors, MV & VFD Drive, 1010KVA DG set, VCB, EOT crane and Generator, Turbine & Boiler and Power & Auxiliary Transformer. Skilled in developing and implementing comprehensive measures for shutdown maintenance. Experienced at installing numerous plants & equipment to ensure the completion of projects within stipulated time/cost parameters. An effective communicator with strong leadership, decision-making, analytical and problem-solving skills.

WORK EXPERIENCE

Electrical & Instrumentation Engineer

Grasim Industries Limited(Pulp & Fibre) August-2021 To Till Now
Ujjain, Madhya Pradesh

- Operation & maintenance of HT, LT switchgears up to 4000A Make-ABB, Areva, Siemens & Ge.
- Operation & maintenance of LT-VFD Drives. Make-ABB, AllenBradley, Danfoss.
- Operation & maintenance of LT Motors up to 1 Mw.
- Operation & maintenance of up to 500 KVA DG set.
- Troubleshooting of IMCC, for motor protection using Device net-based relay (E-3 Plus, E-300, UMC-100).
- Operation and Maintenance of Chiller Plant up to 3200 TR.
- Operation and Maintenance of Utility System-Instrument Air Compressor and air dryer.
- Troubleshooting of Energy Monitoring System.
- Basic trouble shooting experience about PLC-Rockwell.
- Modifications of control circuits as per site requirements.
- Scheduled maintenance to avoid unwanted system breakdown.
- Evaluated electrical installations and systems to isolate faults and implement corrective actions.
- Performed in-depth electrical acceptance testing of completed hardware.
- Hands on experience for SAP Project Module and Maintenance Module all Activities.
- Toolbox Talk with Vendor, Contractor, awareness about Safety culture, job safety analysis, HIRA etc.
- Safety Observation Issue various type of PTW (Hot work, Height Work, LOTOTO).
- Daily Work plan & allotments, Manpower management. Spares management, preparation of power and steam report and analysis.
- Detailing of VFD selection and Data sheet preparation of VFD & its panel as per application.
- Awareness of Safety Tools and Company Systems IMS (Integrator Management System), 5S, MOC (Management of Change), Safety Permissions, Electrical safety, Toolbox talk.
- Awareness of ISO-9001, ISO-14001, ISO-2J001, OSHAS-45001.

Electrical Engineer

Operational Energy Group India Limited
Balodabazar, Chhattisgarh

November 2019 - August 2021

- Responsible for electrical, operation and maintenance of Generator, Turbine & Boiler.
- Maintenance of 45 MVA of power Transformer.
- Operation & maintenance of up to 3000 KVA DG set.
- Operation & maintenance of HT, LT switchgears up to 4000A Make-ABB, Areva, Siemens & Ge.
- Operation & maintenance of HT, LT Motors up to 1 Mw.
- Operation & maintenance of Excitation both Ac/Dc System AVR.
- Commissioning & testing of HT & LT control & relay panel. Make-Siemens, Abb, Schneider.
- Commissioning of 6.6kv & 11kv of VCB.
- Erection & Commissioning of Up to 5 MVA of Power transformer.
- SAP Project Module (Create New Project- PR Preparation, Reservation, Bill Completion).

Assistant Engineer (E & I)

Vandana global limited
Raipur, Chhattisgarh

December 2016 - November 2019

- Responsible for electrical operation and maintenance of Generator, Turbine & Boiler.
- Operation & maintenance of up to 1010 KVA DG set.
- Operation & maintenance of HT, LT Motors up to 500 kw.
- Operations & Maintenance of Vacuum Contactor.
- Commissioning & testing of motors up to 500Kw.
- Laying, lugging glanding & Kit Termination of HT & LT cable.
- Commissioning & testing & Maintenance of EOT crane.
- Handle of Maintenance of all Instruments, Control Elements-Variety type sensing elements Like Level Transmitter, Flow Transmitter, Pressure Transmitter, Temperature Sensor and transmitter, control valve.
- Trouble shooting experience about DCS-YOKOGAWA & ABB.
- Preparing, Keeping Records & Analyzer different types of Reports like as SOP, Breakdown, RCFA (Route Cause Failure analysis)
- Evaluated power needs for various systems.
- Proposed electrical product and system modifications to improve quality and efficiency.

Graduate Engineering Trainee

Trimula Industries Limited
Singrauli, Madhya Pradesh

June 2014 - November 2016

- Responsible for electrical operation and maintenance of Generator, Turbine & Boiler.
 - Operation & maintenance of HT, LT switchgears & Substations.
 - Operation & maintenance of HT, LT Motors up to 500kw.
 - Performed necessary computations during preparation of electrical schematics, system drawings and wire diagrams.
 - Prepared job-specific engineering documents, work schedules and summary reports.
 - Regular checking of UPS, Transformer Routine checking. Schedule Earthling checking of GT, PT all Utilities earth pit Monitoring.
 - Planning of shift schedules, Daily job distribution & manpower allocation.
 - Laying, lugging glanding & Kit Termination of HT cable.
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