**RAJU SHARMA**

**(ELECTRICAL MAINTENANCE ENGINEER)**

**Address:** Flat No-108, Yamuna Twins, Deshbhandhu Park, (HCL Road), Gram-Achraa,

Chittaranjan, Dist-Burdwan, West Bengal-713335

**Email : raju.pgdc@gmail.com / raju.pgdc@yahoo.com**  **Contact (P):7043349239**

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| **CAREER OBJECTIVE:** |

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| **PROFILE OVERVIEW:** |

Intend to build a career with latest technology in competing environment consisting of committed & dedicated peoples, which will help me to explore myself fully and realize my potential. To accept challenges and overcome all hurdles, work with passion and zeal.

B-Tech in Electrical Engineering & PG Diploma in Thermal Power Plant and with 12 years’ dynamic professional experience in Refinery, Oil & Gas, Petrochemical and Power Plant with core Competencies:

**Preventive Maintenance Commissioning, Operation & Maintenance**

**SAP (MM & PM Modules) Inventory & Spare Management**

**Reliability Centered Maintenance Failure Mode & Effect analysis**

* Currently spearheading as **Electrical Maintenance Engineer** with Reliance industries Limited, Jamnagar
* Using Sap (MM and PM) Modules for production and maintenance activity.
* Expertise in maintenance of Electrical Equipment’s GIS, Switchgear, Transformer, Motors etc.
* Precommissioning/commissioning of Electrical Substation & Utilities System.
* Good Knowledge of Oil & Gas/Petrochemical industry Safety standard and statutory compliance.
* Optimum utilization of available resources like Man, Material & Machine to achieve the target.

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| **PROFESSIONAL EXPERIENCE:** |

**Reliance Group of Industries Limited, Jamnagar Dec 2014 to present**

**Designation : Electrical Manager (Operation & Maintenance & Commissioning)**

**Plant (Capacity) : PSA(Hydrogen-2\*691 TPH), Dearator (760 TPH) & Superheater(466 TPH)**

Commissioning, Operation & Maintenance of 220/33 KV Power Distribution Network,33/6.6KV Substation, Steam & Expander Generator, Hydrogen, AGR plant (rectisol) and Propylene Refrigeration compressor.

**Development Consultant Pvt. Ltd., Kolkata. Oct 2013 to Dec 2014**

**Designation : Resident Engineer (Operation & Maintenance & Commissioning)**

**Plant (Capacity) : Oil Refinery(15 MMTPA ),Power Plant (300MW)**

Commissioning & Maintenance of EPC project, Pradeep Oil Refinery 66KV Power distribution network and 66 KV/11KV /6.6 KV substation for Power Plant and Refinery units.

**Abhijeet Group, Durgapur Sep 2008 to Oct 2013**

**Designation : Sr. Engineer (Erection & Commissioning and Operation & Maintenance)**

**Plant (Capacity) : Thermal Power Plant(25 MW+4\*64MW),Biomass Power Plant(10 MW)**

Operation & Maintenance of CFBC Boiler & STG, CHP, AHP and Substation- 33/11KV.

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| **WORK EXPERIENCE:** |

***Major Responsibilities as Electrical Maintenance Engineer:***

* Commissioning & Maintenance of **220/33KV Power Distribution Network** along with Plant Equipment.
* Commissioning and Operation & Maintenance of Power & Dist. Transformer, Circuit Breaker (ACB, VCB, GIS), Generators, HT & LT Motor, MV VFDs, DC & AC UPS, Batteries, HVAC and Switchgears (GIS, HV and MV Boards, PCC, PMCC and MCC), EOT cranes, DG in continuous process Industries.
* Maintenance Management (SAP-PM & MM Module)-To plan, schedule & execute schedule PM & PDM task for Electrical Equipment. SAP permit creation, Work order creation and LOTO system for maintenance activities and execution of the jobs at site.
* Good exposure to substation automation system like SCADA, EDMS, FBT etc.
* Preparation various types of MIS, Reporting documents, Equipment History card, Daily consumption and RCA of any Breakdown.
* Significantly contributed in preparation of comprehensive flaw less commissioning documents, SOP & SMP’s for plant specific critical equipment’s covering OEM guidelines, statutory & legal requirements.
* Ensure effectiveness of Preventive & Predictive Maintenance program by regularly reviewing the task list & conducting job cycle check.
* Review & Optimize the Maintenance cost, Failure data & Monthly status in order to meet KPI Target.
* Coordination with Vendors & Government departments and Responsible for Statutory Compliance related to Electrical facilities at site.
* Manage Team for planned, unplanned jobs, shift rotation and shutdown jobs and Time to time training given to technician about 5S, TPM, Safety, and HIRA.
* During Erection and precommissioning\commissioning managing the resolution of technical problems at project level.
* Routine visit of store for inspection and preservation check of received new and spare material.
* Material management, BOM creation, SAP codification for Spare parts and follow for PR & PO with procurements and smooth shifting of the material to proper binning location.
* Maintain spares inventory management and ensure availability of critical & insurance spares. Assisting core procurement team and provide necessary inputs for procurement of Electrical items.
* Troubleshooting and analysis of various electrical systems (Like HV & LV Switchboard, GIS, VSDs Transformers , HV & LV motors etc.) during commissioning and maintenance activity.
* Involve in FAT, SAT, Cause n effect check, precommissioning & commissioning activities.
* Attending daily, Weekly and Monthly meetings with Operation & Maintenance departments.
* Knowledge of applicable IEC and IS standards
* Strictly adherence of HSE standards and ensure the compliances with specifications for safe and reliable operation of plant.
* IMS documentation for ISO 9001, 14001, 18001.
* Ensure safe and trouble free startup of critical rotating machine.

***Previous Responsibility***

* Erection & Commissioning and Operation & Maintenance of 44 bay **66KV GIS Switchgear, 300 MVA- 66KV** Power distribution Network of **IOCL, Pradeep Oil Refinery** and 25+10 MW thermal Power plant of **Abhijeet Group**.
* Erection & Commissioning and Operation & Maintenance and Troubleshooting of Electrical Equipment’s and fault of Power plant and Oil Refinery -Power & Dist. Transformer, Circuit Breaker (ACB, VCB), Generators, HT & LT Motor, UPS, Batteries, Cable laying and Switchgears, 66 KV GIS, Conveyor Belt, Switchyard, ESP.
* Perform daily maintenance and preventive management activities in SAP. SAP permit creation, Work order creation and LOTO system for maintenance activities and execution of the jobs at site.
* Monitor Contactors and direct them to perform work.
* Manage Team for planned, unplanned jobs, shift rotation and shutdown jobs.
* Review that load calculations & selection of equipment are as per standard and specifications.
* Review that the Quality assurance systems for all phases of EPC are in place and are being properly implemented.
* Ensure that the HSE systems for all phases of EPC are in place and are being properly implemented  
  Monitoring progress of Electrical works and provide support to Project Managers, Participate in quality audits.
* Involve in FAT, SAT, Cause n effect check, precommissioning & commissioning activities.
* Energy management, saving opportunities, risk management & engineering audits.
* Coordination with vendors & Government departments.
* Attend daily meeting with commissioning coordinator and team leaders to update the progress. Lead subcontractor for safe execution of Pre-commissioning/commissioning activities in line with the Schedule.
* Manage the Electrical Engineering activities in accordance with Project requirements within the assigned budget, time schedule and quality standards.
* Ensure effective utilization of resources, control of engineering man-hours.
* Timely issuance of engineering deliverable and monitoring release of ‘HOLDs’ - Design review, Hazop study and close out of all actionable points.
* Participate in monthly project review sessions to stay current on status of on-going projects
* Participate in monthly forecasting sessions to update management on source requirements
* Ensure proper training programs are conducted within the departments to keep staff current on latest technology and procedures
* Work closely with project teams to establish annual goals and initiatives to advance the teams and maintain a high level of competency and exceptional quality
* Continually communicate with counterparts to understand upcoming projections of staffing needs and take action to meet the varying needs.
* Spare & Budget planning.
* Prepare Bill of Quantity (BOQ) for all electrical systems and equipment’s in EPC Project.

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| **EDUCATIONAL CREDENTIALS** |

* PGDC (Thermal Power Plant Engineering) from National Power Training Institute, Durgapur in 2008(Secured 68%).
* B.TECH (Electrical Engineering) from Durgapur Institute of Advanced Technology & Management (WBUT University) in 2007(Secured 8.08 CGPA).

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| **COMPUTER SKILLS** |

**Technical-**

* Programming Language: AUTO-CAD, MS-Power point, MS-Office, SAP.
* Operating Systems: Windows-7, Windows XP.

**Hardware-**

* Numerical Relay, Basic Knowledge of DCS, PLC.
* Knowledge of Hardware Components

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| **PERSONAL DETAILS** |

* Date of Birth - 31 July 1984
* Father’s Name - Sri Suresh Kumar Sharma
* Mother Name - Smt. Radha Sharma
* Sex - Male
* Permanent Address - Flat No-108, Yamuna Twins, Deshbhandhu Park, (HCL Road),

Gram-Achraa, Chittaranjan, Dist-Burdwan, West Bengal-713335

Declaration:

I do hereby declare that the particulars of information and facts stated herein above are true, correct and complete to the best of my knowledge and belief.

PLACE: Jamnagar (INDIA)

Date: RAJU SHARMA