**Raju R. Dange**

UltraTech Cement Ltd, Unit: Rajashree Cement Works

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**CAREER SUMMARY**

Dedicated, analytical, Electrical and Instrumentation professional with 14 years' heavy industrial experience & understanding of preventive & corrective maintenance, seeking an employment opportunity as a Maintenance Superintendent. Proficient and proactive professional aspiring to utilize my maintenance expertise, as well as my diverse communication abilities toward the attainment of the organization's objective i.e. improved reliability with reduced maintenance cost.

**SKILLS AND COMPETENCIES**

* **Soft Skills:**
* Excellent leadership, good work ethic, interpersonal and communication skills (verbal & Written).
* Inherent Core values of integrity, commitment, passion & seamlessness.
* Strong analytical & logical thinking to Problem solving.
* Team leader to Inspiring/motivate subordinate to perform at a higher standard & achieve great results.
* A high degree of initiative, creativity and self-supervision for continuous improvement.
* Treating all staff members and clients with respect
* **Hard Skills:**
* Safety management system implementation by demonstrating Visual felt Leadership.
* Comprehensive knowledge of Performing preventative and regular maintenance and repairs in heavy industries
* Excellent knowledge of both Electrical & Instrumentation fault finding techniques & root cause analysis.
* expertise in the electrical design, installation, testing and execution of capital projects, Project Management.
* Knowledge of budgeting and expense control.
* Excellent time management, prioritization capability and organizational skills with the ability to handle stress in a fast-paced, deadline-driven environment
* Proficiency in HV/LV Electrical Equipment Installation, Testing, Blueprint reading Relationship building with contractors & suppliers
* Conversant with Condition Monitoring, interpretation the trend & Metrix to develop Maintenance Plan & actions plans to increase efficiencies and equipment reliability.
* Can manage multiple tasks simultaneously.
* Awareness Environmental, Health and Safety policy.
* Knowledge of electrical protection scheme design, fault level calculation, analysis, configuration and testing of numerical relays.
* **Software & Computer Skill**
* MS Excel, MS PowerPoint, MS Word, AutoCAD, MS Office, MS Outlook, Adobe Suite.
* Experience of SAP maintenance module, plant maintenance systems.

**WORK EXPERIENCE**

1. **UltraTech Cement Ltd, Unit- Rajshree Cement Works Gulbarga, Karnataka, India**

**Manager Maintenance (Electrical & Instrumentation), 05/2018 - Present**

* Achieves electrical maintenance operational objectives by contributing information and recommendations to strategic plans and reviews, preparing and completing action plans, implementing production, productivity, quality, and customer-service standards, resolving problems, completing audits, identifying trends, determining system improvements, implementing changes.
* Develops work plans based upon work requests, preventive maintenance schedules and field inspection results & Review the work of the employees and contractors, and develop recommendations for improvements.
* Assist in problem solving and troubleshooting of electrical problems and issues, identify shutdown work list and ensure its compliance as per business plan and the turnaround frame.
* Meets maintenance financial objectives by forecasting requirements; preparing an annual budget development, scheduling expenditures, cost analysis, variances, initiating corrective actions.
* Provides engineering support by responding to requests for mechanical and electrical problems.
* Assist in the management of a workforce by ensuring the fair and consistent application and strict adherence to the rules, regulations, collective bargaining agreements and policies of the Authority.
* Training and managing 20 numbers maintenance technician and Electricians and achieved significant improvements in their productivity.
* Develops key performance Indicators (KPIs) and monitor effectiveness of the maintenance program to maximize plant reliability.
* Look after Power distribution having high voltage level 6600 V, 11000V, 33000V and 132000 V and Low Voltage level 415V, 600 V AC VFD.
* Identificatiin of plant improvement opportunity and CapEx (Capital Expansion and Expenditure).
* Maintenance of associated section of Cement production plant includes, Ball Mill,Crushing section, and conveying system.

1. **UltraTech Cement Ltd, Unit- Panipat Cement Works Panipat, Haryana, India**

**Assistant Manager Maintenance (Electrical & Instrumentation), 01/2013 – 05/2018**

* Working closely with Electrician & instrument Technicians to ensure that maintenance activities are performed safely, correctly, and with minimal loss of generation.
* Instrumental in daily scheduling and planning of maintenance department.
* Ensure proper documentation of work performed and time spent by subordinates.
* Assisting in the development of preventative and repair maintenance programs for electrical equipment’s.
* Assist in the planning and budgeting of year ahead maintenance activities.
* Maintain good working relationships & liaison with operations and maintenance departments and personnel.
* Prepare on-the-job tanning programs deliver classroom training and conduct Assessment of trainee, prepare instruction and training materials.
* Provides electrical power by maintaining electrical equipment and outlets; including energy management system for lighting, security gates, security console, and mail conveyor system.
* Maintains supplies inventory by checking electrical material stock to determine inventory levels; anticipating needed supplies, placing and expediting orders for electrical material, reviewing and approving invoices;
* Updates mechanical engineering job knowledge by participating in educational opportunities, reading professional publications, maintaining personal networks, participating in professional organizations.

1. **UltraTech Cement Ltd, Unit- Kotputli Cement Works Cement Works Jaipur, Rajashthan, India**

**Senior Engineer (Project Electrical), 01/2010 – 01/2013**

* Safety: Continual review, enforcement, and enhancement of worker safety via floor level observations, procedure adherence, and use of Human Performance Tools.
* Overseeing outside contractors and vendors, downtime analysis, and organizational development.
* Establish working relationships with union leadership to insure a cooperative environment.
* Carrying out routine scheduled maintenance work and reviewing completed work for expected outcome.
* Oversee and assist in the installation, testing, maintaining, troubleshooting, and overhaul of electrical (LV & MV) and process control equipment.
* Keeps equipment operating by following operating instructions; troubleshooting breakdowns; maintaining supplies; performing preventive maintenance; calling for repairs.
* Responsible for New Capax Project of expansion of 25 MVA,132KV/11 KV Switch yard Project.
* Implementation of Power management and Islanding Scheme, protection, general electrical protection Scheme with Numerical based multifunction relays.
* Develop PM (Preventive maintenance) job plans and schedule of different equipment maintenance, Receives and manages all work orders from plant teams.  Reviews, screens and prioritizes each work order.
* Identify the significant causes and its sub-causes to investigate the root causes of main Equipment’s failure with prepare and follow the action plan for reduction of the breakdown Frequency and duration.
* Review Spares parts availability and inventory control, Identifies and order materials and add to SAP.
* Preparation of the maintenance capital expenditure budgets for years to come and maintaining the current year CAPEX expenses within the realistic time and budgets.
* Prepare daily, weekly and monthly schedule of the field execution for all maintenance and modification works
* Operation and maintenance of 132/11 KV switch yard, MV drive panel, GRR & LRS HT/LT motors, HT/LT switchgear.
* establishing of electrical safety systems such as Implementation of Energy Isolation System(LOTOTO), Permit to work (PTW) procedure.
* Prepare standard operating procedures and Safe work procedures and trains others

1. **UltraTech Cement Ltd, Unit- Birla White Cement Jodhpur, Rajashthan, India**

**Engineer (Project Electrical), 12/2006 – 01/2010**

* Assist in Organize, Coordinate & monitor effective implementation of Capex Projects, improvement scheme & debottlenecking of projects from Electrical & Instrument side within the schedule & budgeted cost so as to improve plant productivity, availability & profitability.
* Prepare project Budget, identify schemes for modifications, Development & prepare implementation plan, Prepare project plans.
* Prepare Technical Specification Technical Evaluation of Offers Prepare Technical Comparison Summary.
* Involvement in all commercial activities right from tendering, techno- discussion, ordering, receipt and handling of materials.
* Approve Drawings & QAP Suggest modification in drawings, Plan, Indenting, Inspect and verify for project equipment’s.
* Coordinate and follow up with consultants, suppliers & internal department, Communication (Oral as well as written) & Take corrective actions for timely completion of project, Evaluation after completion of the Project.

1. **Suzlon Energy Ltd, Dhulia, Maharashtra, India**

**Engineer Electrical 09/2005 –12/2006**

* To attend breakdowns & trouble shooting, repair the problems of wind turbine (Wind Mill), Generator & Associated circuitry, lifting equipment, hoist and mobile crane.
* Installation,commissioing & test of wind turbine.
* Inspection and maintenance of power & control wiring, blade pitch mechanism operation, & Generator servicing.
* Operation of Wind Turbine Generator & To take Preventive Maintenance according to schedule, Commissioning of WindTurbine.
* Maintain records related to maintenance work, Analysis of Repetitive Breakdowns. Turbine troubleshooting and repairs.
* Availibilty at site for 24 by 7.

**EDUCATION**

1. Bachelor in Engineering (Electrical), Nagpur, Maharashtra, India

Yashawant Rao Chavan Collage of Engineering 09/2005

1. Diploma in Engineering (Electrical), Nagpur, Maharashtra, India

Shri Datta Meghe Polytechnic 03/2001

**LANGUAGES**

1. English
2. Hindi
3. Marathi

**NATIONALITY**

Indian