**RAJ KUMAR**

Flat no -224/A, Urban Vatika, Zirakhpur Dist Mohali (Punjab)

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**Career Objective:** Seeking assignments in project Management/Industrial Engineering/Operations/Service support with a growth oriented organization of repute.

**Professional Overview:**

* An astute and result oriented professional with around 12 years of experience in Project Management,Process Enhancement, Process Management, Industrial engineering and Facilities Management.
* **Responsible for Electrical Maintenance as well as Mechanical maintenance of plant & machinery.**
* Currently designated as Manager Maintenance with Tynor Orthotics P Ltd. Mohali.
* Proficient in ramping up projects from development to the maintenance stage.
* Demonstrated abilities in achieving cost saving across assignments, minimizing performance bottlenecks for achieving maximization of men,material & machine.A keen strategist and planner with skills in conceptualizing and effecting process initiatives to enhance plant efficiency and productivity.
* A keen communicator with honed problem solving and analytical abilities.

**Professional Experience:**

**TYNOR ORTHOTICS (P) LTD**  Mohali (Punjab)

Manager Maintenance NOV 2014 - Present

**JUPITER SOLAR POWER LTD** Baddi (Himachal Pradesh)

Senior Engineer Maintenance FEB, 2011 - OCT.2014

**HMT MACHINE TOOL LTD**  PINJORE (Haryana)

Trainee Maintenance Engineer & [Contract Base] AUG, 2007 - Jan.2011

**Area of Expertise:**

**In Tynor Orthotics P Ltd**

**Maintenance Management:-**

* An effective communicator with good analytic skill, negotiation, relationship management and problem solving skills with ability of resolving critical problem areas.
* Responsible for coordinating with concerned departments for executing scheduled maintenance activities.
* Prepare the annual calendar for Machines/Utility preventive maintenance schedule.
* Reviews the operation of plant equipment and system constantly, to minimize unplanned downtime, anticipate and solve problems in a timely manner, and identify opportunities for improvement.
* Manage manpower planning, Plan the availability of Foreman, electrician, technicians & fitters to facilitate smooth operations.
* Managing maintenance team for electrical automation(Drive,VFD,PLC,Stepper,Servo,Induction Motor,Sensors,Pumps) maintenance.
* Managing corrective, predictive, breakdown and preventative maintenance processes.
* Review of continues improvement plan.
* Increased machine uptime through root causes analyses.
* Implement Initiatives of continuous improvement (Kaizen, 5s etc.).
* Monitoring the consumption and controls on power, water, electricity and material consumption.
* Building Electrical Maintenance, Plumbing system & Civil Work etc.

**Manpower Development:-**

* To undertake training initiatives in order to develop the competency levels for self and team members of department.
* Hired maintenance staff and provided initial training.
* Develop and implement a Maintenance Management Continuous Improvement Programme.

**Spare Management:-**

* Manage Spares Inventory Monitor availability of spares in stores and ensure desired inventory levels.
* Monitor the use and inventories of spare parts, maintenance supplies, equipment and initiate reordering when necessary.

**Utility Maintenance Management**:-

* Synchronized DG sets.
* Section wise Weekly audit to find out the gaps & improvement scope.
* Making plan to provide Annual Maintenance Contract of Utility
* Working with all type of Air-condition operation & maintenance
* Operation & maintenance of AHU, Exhaust, Scrubber, Air Compressors Screw & Reciprocating, Lifts, pumps & chillers etc.
* Working with HT & LT Panels, Transformer 1600 KVA & 625 KVA, VCB, ACB, Circuit Breakers,DG sets, UPS (40,30 & 20 KVA),Servo 550 KVA, Floor Power & AC Panel etc.
* Maintained facilities Preventive Maintenance database, which included scheduling, environmental and routine maintenance throughout the plant.
* Elevators & 189 KW solar plant.
* Anodizing & Nickel Chromium plant
* Energy Management System
* RO Plant

**Machinery:-**

**Electrical & Mechanical Maintenance**

* Knitting Machines,Automatic Swing Machines, Power & Hydro pneumatic press Bending & Molding Machines
* Laser Cutting Machine ,Beam & Clicker Press,Polishing & PU foam machines
* Thermofoming Machines ,Strapping & Wrapping Machines
* High Temperature Oven & Scada Based printer Line
* AC & DC Drives (Beckhoff, Siemens, Lenz), VFD Siemens, Delta & Danfoss & Conveyors etc.
* Sensors,RTD,Thermocouples and Solenoid valve
* Pneumatic & Hydraulic Maintenance & DC Tools
* Servo, Stepper & Induction Motors
* C.N.C., S.P.M., G.P.M machines
* PLC Siemens, Mitsubishi, Beckhoff & Fatek, Stabuli Robot Etc.

**Quality Management:-**

* To Maintain ISO 9001:2015 Documents, Attend Audits Internal & External.
* To improve system as per audit findings.
* Manage MIS Record/report the maintenance activities carried on in the suitable templates.

**Cost Reduction:-**

* Study & making plan to find out the area for cost reduction
* Review of Inventory norms to minimize the Inventory cost
* Review of alternate source of high value spares

**Support to production:-**

* Review and Propose improvement initiatives to enhance available time of machine.
* Assist to staff for generating more Kizens for safety, Quality & Productivity etc.
* Inspected electrical systems and made upgrade as per recommendations to increase productivity.

**New Projects/Machine commissioning:**

* Manage new projects Plan the team and guide them for installation and commissioning as per design specifications & Approved drawings.
* Handling project of tynor new plant electrical installation with 800KW & 500 KW, Complete electrical installation with transformer LBS, VCB, HT Panel, LT Panel,Floor Panels, HVAC Panel, Capacitor panel Etc.

**Safety**

* To prepare Section Annual safety plan
* Ensured that all quality and safety procedures were followed.
* Weekly Audit for safety findings.

**Academic Credentials:**

* Diploma in Electrical Engineering from Govt. Polytechnic Ambala City with 66.51%.
* 12TH [Non-Medical] from G.S.S.School Panchkula from H.B.S.E. Board with 58%.
* Matriculation from H.R.Hindu High School Hisar from H.B.S.E Board with 72.16%.

**IT Skills :**

* Knowledge of Application Software like as **MS Word, EXCEL, Power Point**
* Well known various Internet tools like chat, searching, E-mail, file transfer.

**Achievements:**

* Star performer of company last four years,awarded special increment by the company.
* Successfully complete installation of 800 KW utilities & machinery in tri-city first green industrial building.
* In Jupiter Solar Power Ltd save 20 Lacs PA by the kaizen for machine spares.

Date of Birth : 01 Feb 1985

Current CTC : 14.53 Lacs PA