**ISHAN CHAURASIA**

**SECTION HEAD MECHANICAL MAINTENANCE**

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**CAREER OBJECTIVE**

Seeking career enriching opportunities in all domains of maintenance, energy saving & renewable energy projects as well as freelance technical trainer profile.

**WORKING EXPERIENCE**

* Currently working as Section Head Mechanical Maintenance at **ASAHI INDIA GLASS LTD, BAWAL** since August 2016
* Worked as senior executive in maintenance at **ADVICS NORTH INDIA PVT LTD, ROHTAK** from January 2015 to July 2016
* Worked as senior engineer in maintenance at **STEEL STRIPS WHEELS LTD, DAPPAR** from August 2010 to December 2014

**PROFESSIONAL SKILLS AND KEY COMPETENCIES**

* Knowledge of press hydraulics, machine tools hydraulics and electropneumatics
* Vibration monitoring of blowers, maintenance of conveyors, pumps etc.
* Press shop maintenance, CNC SPM, VMC machines troubleshooting
* Ball screws drives, accuracy and repeatability check of precision components
* Proactively understanding customer needs and drive to meet or exceed his expectations
* Improve, develop and manage processes for better performance and customer satisfaction
* Ability to take a long term view, plan actions to seize opportunities and manage risks
* Basic knowledge of yaskawa pick and place robots
* Basic electrical maintenance & basic troubleshooting.
* gearbox , gear trains, spot welding, seam welding, boring machines, grinding machines, bending machines, bearings, EOT cranes
* TPM, KAIZEN, POKA YOKE, MTBF, MTTR, root cause analysis, check-sheets, history cards etc
* Documentation for IATF 16949, OHSAS 18001 and ISO 50001
* Spare parts management, SAP schedules and related tasks
* Plant utilities like Compressors, vacuum pumps & cooling towers maintenance

**PAST LEADERSHIP ACTIVITIES**

* Technical lead for hydraulics & pneumatics maintenance, oil NAS value, hydraulic spares & cost control.
* Working on energy saving measures in plants to increase energy efficiency.
* Leader of the VIBRATION ANALYSIS team to control breakdowns due to sudden bearing failure by checking the motors bearings (dBm/dBc) and vibration monitoring (mm/sec) of blowers.
* Have worked on oil and air leakage project to arrest the leakages at various points, thereby controlling power and overall maintenance cost.

**WORK DETAILS**

* Planning, scheduling, executing and monitoring preventive maintenance (CAPA implementation).
* RCA of all breakdowns/ troubles in the equipment with focus on proactive maintenance.
* Making documents as per the system requirement.
* Review and propose improvement initiatives to enhance available time of the machine & reduction of tact time.
* Maintaining spares inventory with focus on critical spares to ensure trouble-free availability of the equipment.
* Procuring new components and upgrade existing with the energy efficient ones.
* Vibration and condition monitoring of rotating equipments of critical equipments to avoid sudden failure and take required actions to contain the high vibration values.
* Well versed in reading hydraulic and pneumatic circuits and solve problems accordingly.
* PDCA and SIX SIGMA methodology based solution of chronic problems and troubles.
* Focus on achieving maintenance targets in terms of availability percentage as well as in terms of MTBF and MTTR.
* Maintaining maintenance records, spares list, and characterizing problems in TQM way.
* Maximum effective utilization of all resources, manpower and facilities to achieve high efficiency in operations and maintenance.
* Study parts drawings in AUTO-CAD and modify them as per the requirement.
* Training and managing an efficient maintenance team to achieve the desired results.
* Tracking, analyzing and improving key maintenance parameters such as asset utilization, maintenance cost, PM compliance, schedule compliance etc.
* Maintaining integrity of maintenance SAP data, analysis and costs – by timely and correct data entry and validations.

**TECHNICAL CERTIFICATIONS**

* BEE certified ENERGY MANAGER.
* Six-Sigma Green Belt certified by NPTEL online certification
* Systems Engineering certified by NPTEL online certification
* Given trainings on “**Hydraulics & Pneumatics”** with Futuronix Automation Pvt. Ltd. (freelance) using powerpoint presentations, animations and practical case studies of troubleshooting hydraulic problems.

**EDUCATIONAL QUALIFICATIONS**

B.Tech in Mechanical Engineering with 76% marks 2010 JMIT, RADAUR (Yamunanagar)

Passed 12th from C.B.S.E. board securing 76% marks 2006 S. D. Adarsh Public School, Karnal

Passed 10th from C.B.S.E. board securing 86% marks 2004

S. D. Adarsh Public School, Karnal

**PERSONAL DOSSIER**

Date of birth: 30th October 1988

Languages known: English, Hindi