
VATSAL MENGAR

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PROFESSIONAL SUMMARY

Skilled Maintenance Technician with hands-on experience in maintaining and repairing electro-mechanical, pneumatic, and hydraulic equipment. Expertise in diagnostics, preventive maintenance, and troubleshooting for conveyance and automation systems. Strong knowledge of safety protocols and industry standards, with a focus on maximizing equipment efficiency and reliability.

SKILLS

Mechanical Troubleshooting

Hand and power tools

Electrical Troubleshooting

Pneumatic Systems

Process Automation

Instrumentation and Controls

Leadership

Industrial Automation

Read and Understand Schematics

Robotic Maintenance

WORK EXPERIENCE

Maintenance Technician, 12/2024 - Present

Lululemon Athletica – Delta, BC

- Maintaining and performing repairs on material handling equipment and building maintenance on shift.
- Performing predictive and preventative maintenance on mechanical systems.
- Replacing or repairing motor, gearbox, conveyor, sortation systems, spiral conveyor systems, packaging machine, and compactors.
- Troubleshooting wire-guided Powered Industrial Truck, and inspecting per schedule.
- Maintaining a safe environment by performing LOTO safety procedures and encouraging a safety culture within the facility.
- Maintaining work orders, labor hours, and consumed parts.

Machinery Technician - Amazon YYC4, 03/2024 - 12/2024

CMC Packaging Automation – Calgary

- Responsible for the operation, troubleshooting, and maintenance of two automatic packaging machines, ensuring optimal performance, minimal downtime, and efficient production flow as a sole technician on shift.

- Installed and repaired critical equipments such as industrial glue systems, pneumatic cylinders, solenoid valves, fuses, relays, limit switches, conveyors, proximity sensors, photo eyes, calibration, servo motors, VFDs, gearboxes, shafts, and bearings.
- Analyzed blueprints and manufacturer instructions to take apart and reassemble machinery for maintenance and component replacements.
- Created, assigned, and scheduled Work orders, followed by documenting part consumption and labour hours.
- Maintained and troubleshooted Nordson glue systems.
- Ensured industrial safety and followed safety procedures to promote a safe environment.

Maintenance Technician II, 02/2023 - 03/2024

JLL- Amazon RME YEG2 – Edmonton

- Installed, maintained, and troubleshoot mechanical equipments, controller input/output function, relays, limit switches, solenoid, VFD, gearmotor, conveyor, robotic drives and arms.
- Performed periodic maintenance on sortation systems, such as shoe sorters, spirals, and diverts.
- Monitored vibration and temperature of critical equipment on a daily basis.
- Co-ordinated with operations regarding ongoing projects via digital platform and provided the best possible guidance, which can contribute to improvement in operations
- Tracked store inventory for scheduled maintenance and emergency use, and followed up with CMMS for timely availability of spares and consumables.
- Performed a pre-task safety plan prior to every assigned task to ensure a safe working environment.
- Reduce Downtime by analyzing the pattern of recurring issues with any equipment.
- Facilitated on-site contractors with proper procedures and policies.

Maintenance Technician I, 04/2022 - 02/2023

JLL- Amazon RME YEG1 – Nisku

- Operated varied hand and power tools to complete repairs.
- Troubleshoot equipment breakdowns and performed preventive maintenance on conveyor, automatic tapping and wrapping machines, motor, gearbox, photo eyes and printers.
- Followed work orders and specifications for machine and equipment replacement, repair, or maintenance.
- Completed daily, weekly, and monthly checklists on building equipment to maintain records of scheduled maintenance procedures.
- Followed safety protocols to minimize workplace accidents.
- Performed emergency rescues and troubleshooted powered industrial trucks.

Technician, 10/2021 - 04/2022

Metelix Products – Brampton, ON

- Collaborated with team members to troubleshoot complex issues, resulting in minimal downtime and increased productivity.
- Maximized equipment performance through thorough analysis of machine data, identifying trends and making data-driven adjustments as needed.
- Improved production efficiency by optimizing molding processes and implementing innovative techniques.
- Increased product consistency by calibrating equipment regularly and verifying proper functioning prior to use.
- Enhanced product quality by conducting regular inspections and implementing corrective measures when necessary.

Quality Inspector/ Part-time, 11/2020 - 03/2022

Stretosphere Quality – Brampton, ON

- Performed frequent visual inspections to root out tolerance and compliance issues.
- Inspected outbound shipments and conducted random sampling of product quality.
- Implemented corrective actions for non-conforming products, reducing the risk of customer dissatisfaction or returns.
- Discarded and rejected products, materials and equipment not conforming with specifications.

EDUCATION

Postgraduate Certificate in Supply Chain Management: 08/2021

Humber College - Etobicoke, Ontario

Graduate Certificate In Lean Manufacturing: 08/2020

Sheridan College - Brampton, Ontario

Bachelor of Mechanical Engineering: 06/2019

Gujarat Technological University - Gujarat