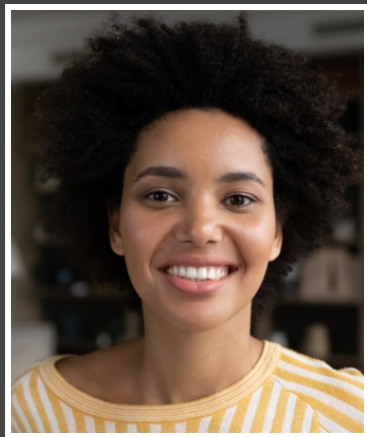




Lakshmi Ghosh

Mechanical Technician II

Mechanical technician with 6 years of experience performing preventive maintenance, pneumatic system installation, and acceptance testing across industrial facilities. Passed 23 customer acceptance tests on centrifugal pump and blower assemblies in a single year by aligning protocols with API verification testing standards. Holds an AAS in Industrial Mechanics and Maintenance and an OSHA 10-Hour General Industry completion card.

CONTACT INFORMATION



(507) 555-0125



lakshmi.ghosh@example.com



Winona, MN 12345

EDUCATION

- AAS IN INDUSTRIAL MECHANICS AND MAINTENANCE | MINNESOTA STATE COLLEGE SOUTHEAST, WINONA, MN | 2018 - 2020

KEY SKILLS

- Preventive maintenance scheduling
- CAD software
- Multimeter diagnostics
- API verification testing
- PLC systems
- Microsoft Excel
- Precision measurement
- Mechanical assembly and alignment
- Blueprint and specification reading
- Hydraulic and pneumatic systems

PROFESSIONAL EXPERIENCE

MECHANICAL TECHNICIAN II | ZUMBRO VALLEY INDUSTRIAL SYSTEMS LLC, WINONA, MN | 2023 - PRESENT

- Passed 23 customer acceptance tests on centrifugal pump and blower assemblies in a single year by aligning test protocols with API verification testing standards and documenting pressure, flow, and vibration readings.
- Completed 47 preventive maintenance tasks per month across belt conveyors, gearboxes, and cooling fans, logging each task and result in Microsoft Excel.
- Installed 134 pneumatic valve and actuator systems per month during a facility expansion, verifying each against design specifications with a tape measure before sign-off.
- Calculated required capacities for replacement motors and drive assemblies on proposed system upgrades, submitting load and torque data to engineering personnel for approval.

MECHANICAL TECHNICIAN I | ROOT RIVER PRECISION EQUIPMENT CO., LA CRESCENT, MN | 2021 - 2023

- Passed 11 customer acceptance tests on custom material-handling assemblies by running each unit through a 4-hour load cycle and recording bearing temperature, belt speed, and alignment data.
- Installed 87 mechanical sub-assemblies per month for packaging line retrofits, connecting drive shafts, pulleys, and guards within \$7,370 per-project material budgets.
- Analyzed test results on air compressor and vacuum pump units against rated specifications, adjusting relief valves and belt tension to bring 9 units into tolerance within 2 days.
- Reviewed project instructions and bill-of-materials documents before fabrication, reducing rework requests from 6 per month to 2 per month.

MECHANICAL MAINTENANCE TECHNICIAN I | HIAWATHA BLUFF MANUFACTURING INC., WABASHA, MN | 2020 - 2021

- Completed 31 scheduled preventive maintenance tasks per month on mixers, agitators, and chain conveyors, tracking completion dates and part usage in a shared spreadsheet.
- Installed 63 replacement bearing housings and coupling assemblies per month, using a drill press and overhead crane to position heavy components.
- Measured shaft runout, belt deflection, and motor amperage draw with a multimeter and dial indicators, recording findings for engineering review within 30 minutes per machine.

CERTIFICATIONS

- OSHA 10-Hour General Industry, OSHA Outreach Training Program, through OSHA-authorized trainers | 2020