



Deepa Voss

Mechanical Technician

CONTACT INFORMATION



(301) 555-0111



deepa.voss@example.com



Cumberland, MD 12345

EDUCATION

A.A.S., Engineering - Automated Manufacturing Technology

Allegany College of Maryland,
Cumberland, MD
2018 - 2020

KEY SKILLS

- Hydraulic and pneumatic systems
- Multimeter and oscilloscope diagnostics
- CAD software
- PLC systems
- Preventive maintenance planning
- Microsoft Excel
- Precision measurement and alignment
- Mechanical assembly and disassembly
- API verification testing standards
- Blueprint and schematic reading

ABOUT ME

Certified Manufacturing Technologist (SME) with 6 years of experience diagnosing and repairing hydraulic, pneumatic, and CNC systems using multimeter and oscilloscope diagnostics, CAD software, and PLC systems. Reduced annual maintenance costs by \$17,810 through a revised lubrication schedule and early bearing-replacement protocol across 38 machines. Passed 23 consecutive safety inspections across multiple production lines and cells with zero corrective actions required.

PROFESSIONAL EXPERIENCE

Mechanical Technician I 2023 - Present

Allegheny Plateau Manufacturing Co., Cumberland, MD

- Achieved a 96.9% diagnostic accuracy score on hydraulic and pneumatic systems by reading pressure dials, amperage meters, and voltage output at operating temperature before disassembly.
- Reduced annual maintenance costs by \$17,810 through a revised lubrication schedule and early bearing-replacement protocol across 38 machines.
- Tested conveyor belt tension, roller alignment, and motor response to stress loads using a multimeter and oscilloscope, identifying faults within 45 minutes per unit.
- Passed 12 consecutive monthly safety inspections across 4 production lines with zero corrective actions required.

Mechanical Technician I 2021 - 2023

Wills Creek Precision Components LLC, Frostburg, MD

- Raised diagnostic accuracy on CNC spindle assemblies from 86.1% to 97.75% over 9 months by cross-referencing vibration data with CAD design specifications.
- Saved \$9,260 per year in maintenance spending by sourcing compatible seals and gaskets and scheduling replacements during planned shutdowns.
- Passed 11 consecutive quarterly safety inspections with zero corrective actions on the milling and grinding cell.
- Disassembled and reassembled gear reducers, ball screws, and coupling housings, completing 7 overhauls per month on average.

Junior Mechanical Technician I 2020 - 2021

North Branch Industrial Services Inc., Keyser, WV

- Read dial gauges and meters to verify amperage, voltage, and thermal output on packaging line motors, logging results in Microsoft Excel for trend review.
- Improved diagnostic accuracy score from 83.6% to 97.76% within the first 8 months by studying equipment manuals and shadowing senior technicians.
- Assisted with annual safety inspections on 26 pieces of equipment, contributing to a 98.05% pass rate for the facility.

CERTIFICATIONS

- Certified Manufacturing Technologist, SME | 2022