

Niko Gibbs

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SUMMARY

Industrial **Maintenance Technician** with eight years supporting heavy manufacturing, foundry production, facility equipment, and third shift operations. Performs preventive and **corrective maintenance** across engines, motors, conveyors, production machines, pneumatic tools, hydraulics, HVAC systems, fire systems, and utility assets. Diagnoses mechanical and electrical failures through inspection, schematics, PLC information, controls data, and practical testing, then restores equipment and communicates status clearly with production supervision. Documents incidents, repairs, parts usage, and follow up actions in CMMS records. Applies manufacturing safety, hazard identification, lockout and tagout, environmental controls, and safe tool practices around energized systems, moving equipment, pressure, and heat. Brings hands on experience with **110 to 480VAC**, **0 to 36VDC**, supplier coordination, spare parts, Microsoft Office, ACAD, E drawing, QAD, and Lumin.

EXPERIENCE

Senior Maintenance Technician, Foundry Operations

January 2024 to Present

Blue Ridge Cast Products

Greenville, SC

Leads third shift maintenance across foundry production and facility assets, combining hands on troubleshooting, scheduled work, safety controls, and clear production communication to protect **equipment availability**.

- Restored foundry assets through mechanical, electrical, pneumatic, hydraulic, conveyor, and motor **troubleshooting** during third shift.
- Used schematics, PLC data, equipment history, and inspection findings to select practical repair actions.
- Completed **preventive maintenance** during scheduled stops, correcting wear, alignment, lubrication, and component issues before escalation.
- Recorded incidents, parts usage, **repairs**, and follow up actions in **CMMS** for reliable shift handoffs.
- Applied hazard controls around energized systems, moving equipment, hydraulic pressure, and high temperature **production** areas.
- Coordinated suppliers and storeroom staff, improving replacement component readiness for planned and corrective work.

Maintenance Technician, Production Systems

January 2022 to December 2023

Upstate Industrial Components

Spartanburg, SC

Supported high volume manufacturing maintenance across production machines, conveyors, motors, facility systems, and utilities while building deeper electrical troubleshooting and contractor coordination capability.

- Supported preventive and **corrective maintenance** across **production machines**, conveyors, motors, pneumatic devices, and facility systems.
- Troubleshoot **110 to 480VAC** and 0 to 36VDC circuits using controls data and electrical documentation.
- Completed inspections and repairs with manual, electrical, and **pneumatic tools** before functional safety checks.
- Documented failures, labor, repairs, and parts consumption in CMMS work orders for recurring issue analysis.
- Coordinated HVAC, fire system, and facility contractors with plant access and safety requirements.
- Used **Microsoft Office**, **E drawing**, and QAD information to support parts and technical planning.

Industrial Maintenance Mechanic, Equipment Reliability

January 2020 to December 2021

Piedmont Manufacturing Services

Easley, SC

Built independent troubleshooting capability through mechanical maintenance, preventive routes, electrical support, **spare parts** coordination, and safe outage work across production and facility assets.

- Maintained conveyors, **motors**, production machinery, pneumatic systems, and facility assets during routine production support.
- Identified worn components, leaks, abnormal operation, and developing failures during **preventive maintenance** routes.
- Replaced bearings, belts, sensors, pneumatic components, and drive parts, then verified equipment operation.
- Used meters and technical drawings to isolate electrical faults and provide accurate repair findings.
- Communicated component needs with storeroom staff, keeping common repair materials available for planned work.
- Followed lockout, **hazard identification**, housekeeping, and environmental **controls** during maintenance outages.

Maintenance Mechanic, Manufacturing Equipment

October 2018 to December 2019

Carolina Equipment Works

Simpsonville, SC

Developed foundational industrial maintenance skills through supervised production equipment repairs, preventive work, work order documentation, and planned maintenance stop support.

- Supported production equipment, motors, conveyors, pneumatic tools, and facility systems in manufacturing operations.
- Completed preventive checklists, lubrication, adjustments, inspections, and component replacements under established procedures.
- Gathered equipment symptoms and mechanical observations before escalating electrical or controls issues for review.
- Used hand, power, electrical, and **pneumatic tools** safely during repairs and equipment adjustments.
- Entered maintenance actions and equipment observations into work orders, improving traceability for repeat problems.
- Staged parts and access during planned stops, then completed basic repairs and restart checks.

PROJECTS

Foundry Equipment Reliability Program 📅 2024

Supported a focused reliability effort across foundry assets by combining preventive observations, CMMS history, practical repairs, and supplier input. Work centered on recurring mechanical, electrical, pneumatic, and conveyor issues affecting production availability.

Third Shift Maintenance Documentation 📅 2023

Improved shift handoff quality through consistent CMMS entries covering incidents, repair details, parts usage, equipment status, and unresolved actions. Clear records helped supervision and maintenance staff prioritize follow up work.

LEADERSHIP & AWARDS

- Recognized by maintenance leadership for dependable third shift response across foundry production assets.
- Selected as a trusted resource for practical troubleshooting, safe repairs, and clear production status updates.
- Commended for maintaining accurate CMMS records that supported smoother shift handoffs and follow up work.

EDUCATION

Associate of Applied Science in Mechatronics

2018

Greenville Technical College GPA: 3.5

Greenville, SC

Coursework: Industrial electricity, programmable controls, mechanical systems, pneumatics

CERTIFICATIONS

- Industrial Electrical Safety Training 📅 2021
- Manufacturing Lockout and Tagout Hazard Control Training 📅 2020

TECHNICAL SKILLS

- **Electrical Systems:** 110 to 480VAC, 0 to 36VDC, electrical meters
- **Mechanical Systems:** Motors, bearings, belts, mechanical drives
- **Pneumatic Systems:** Pneumatic tools, cylinders, air circuits
- **Hydraulic Systems:** Hydraulic equipment, pressure systems, fluid components
- **Controls Systems:** PLCs, controls, sensors
- **Conveyor Equipment:** Conveyors, belts, alignment systems
- **Facility Systems:** HVAC, fire systems, gas systems
- **Maintenance Software:** CMMS, Lumin, QAD
- **Technical Documentation:** Schematics, E drawing, ACAD
- **Office Applications:** Microsoft Office, Word, Excel
- **Safety Practices:** Lockout and tagout, hazard identification, environmental controls
- **Maintenance Tools:** Manual tools, electrical tools, pneumatic tools

SKILLS

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|------------------------------|------------------------------|-------------------------|--------------------------|
| • Preventive Maintenance | • Electrical Troubleshooting | • PLCs | • Supplier Coordination |
| • Corrective Maintenance | • Pneumatics | • Manufacturing Safety | • Spare Parts Management |
| • CMMS | • Hydraulics | • Hazard Identification | • Facility Equipment |
| • Mechanical Troubleshooting | • Conveyor Systems | • Foundry Operations | |

PROFESSIONAL AFFILIATIONS

- Mechatronics alumni network, Greenville Technical College, with continued interest in industrial equipment reliability.
- Manufacturing safety peer group, supporting hazard recognition, lockout practices, and safe maintenance communication.

LANGUAGES

- English (Native)
- Spanish (Intermediate)

ADDITIONAL INFORMATION

Work Status : Authorized to work in United States. No sponsorship required.

REFERENCES

AVAILABLE ON REQUEST