

Nikolai Lawrence

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SUMMARY

Production Technician II specializing in **injection molding**, with five years supporting regulated, high volume manufacturing operations. Leads mold setup, changeovers, machine optimization, startup approval, cycle time control, and routine troubleshooting across demanding production cells. Applies cGMP, GDP, SOPs, 6S, LEAN, LOTO, PPE, Fall Protection, Forklift Operation, and audit ready documentation practices. Coordinates operators, Quality, Maintenance, and mold support personnel during equipment issues, mold performance recovery, and production handoffs. Uses production, downtime, scrap, **labor efficiency**, and cavitation records to guide practical decisions and protect output. Provides shift direction during supervisor coverage, facilitates Tier I discussions, and supports **Process Management Teams**. Brings sound mechanical judgment, computer proficiency, risk assessment, and disciplined escalation. Ready to contribute dependable molding leadership and safe production support in a **regulated manufacturing** environment.

EXPERIENCE

Production Technician II, Injection Molding

June 2024 - Present

Magnolia Precision Plastics

Southaven, MS

Leads high volume injection molding cells through changeovers, validated startups, production control, shift reporting, and floor direction. Coordinates operators, Quality, Maintenance, and mold specialists while protecting safety, documentation, equipment performance, and schedule needs.

- Verified mold compatibility, clamp bolt torque, robots, **thermolators**, and workstation readiness before production startups.
- Established validated conditions and **cycle sheets** through systematic observations, restoring target **cycle times** within approved limits.
- Coordinated **startup samples** with Quality, securing production release through GDP records and cGMP documentation.
- Reviewed downtime, scrap, labor efficiency, and cavitation records, directing recurring issues toward technical support.
- Led Tier I discussions during supervisor coverage, aligning operator priorities with safety, quality, and schedule needs.
- Organized 6S and LEAN actions while reinforcing LOTO, PPE, **Fall Protection**, **Forklift Operation**, and GMP practices.

Molding Process Technician

May 2022 - May 2024

Riverbend Polymer Systems

Tupelo, MS

Supported injection molding cells from setup through steady production, balancing process control, equipment readiness, quality requirements, and technical response. Worked with Quality and Maintenance teams to stabilize molds, clarify records, and protect production continuity.

- Adjusted molding machines and auxiliary equipment within documented limits, sustaining stable output and part quality.
- Installed **molds**, **robots**, and thermolators, documenting settings that helped operators maintain approved production conditions.
- Diagnosed processing abnormalities through mechanical inspection, cycle data, and defect patterns before escalation.
- Partnered with **Quality** and Maintenance to restore usable cavities during mold performance disruptions.
- Tracked production, **scrap**, **downtime**, and shift observations in computerized records for clearer pass down communication.
- Supported **preventive maintenance** on molds, machines, and auxiliaries while maintaining organized tooling areas through 6S.

Injection Molding Technician

October 2021 - April 2022

Delta Formed Components

Olive Branch, MS

Operated **injection molding** equipment while building practical capability in mold change support, startup checks, safe adjustment, production records, and shift communication. Worked under experienced technicians and applied defined procedures during routine production and equipment support.

- Monitored machine status, material flow, workstation readiness, and finished part quality throughout assigned **production runs**.
- Learned mold change and startup practices under experienced technicians, documenting conditions before production handoff.
- Performed first line process checks when cycle performance or part appearance changed during assigned runs.
- Maintained production and scrap records, giving incoming technicians clear visibility into unresolved conditions.
- Applied **LOTO**, PPE, **safe** material handling, and forklift practices during equipment support activities.
- Maintained labeled molding areas through **6S** routines and supported scheduled equipment care for production readiness.

PROJECTS

Validated Molding Startup Control 📅 2024

Built a repeatable startup record flow covering machine conditions, cycle sheets, approval samples, GDP entries, and production release decisions.

Mold Performance Recovery 📅 2023

Supported cross functional troubleshooting for cavity performance, defect patterns, downtime, and equipment conditions, helping teams restore dependable production.

Audit Ready Molding Area 📅 2022

Applied 6S and LEAN practices across tooling storage, molding components, workstations, and daily records, creating clearer routines for production teams.

LEADERSHIP & AWARDS

- Recognized for dependable shift direction during supervisor coverage and Tier I production discussions.
- Selected as a trusted resource for mold changeovers, startup records, and routine process troubleshooting.
- Received team recognition for organized 6S work areas and disciplined safety practices.

EDUCATION

High School Diploma

Southaven High School GPA: 4.0

2021

Southaven, MS

Coursework: Manufacturing safety, mechanical systems, production documentation, workplace mathematics

CERTIFICATIONS

- RJG Systematic I Molding Certification 📅 2024
- Routsis Scientific Molding Training 📅 2023
- Forklift Operator Safety Training 📅 2025
- Lockout/Tagout Authorized Employee Training 📅 2025

TECHNICAL SKILLS

- **Injection Molding:** Molding Machines, Mold Installation, Mold Changeovers
- **Process Control:** Validated Parameters, Cycle Sheets, Cycle Time Control
- **Automation Equipment:** Robots, Thermolators, Auxiliary Equipment
- **Quality Systems:** cGMP, GDP, SOPs
- **Safety Practices:** LOTO, PPE, Fall Protection
- **Material Handling:** Forklift Operation, Safe Material Handling, Component Storage
- **Production Records:** Production Reporting, Downtime Tracking, Scrap Tracking
- **Maintenance Support:** Preventive Maintenance, Mold Care, Equipment Care
- **Lean Operations:** 6S, LEAN, Process Management
- **Manufacturing Audits:** GMP Audits, Audit Readiness, Documentation Control
- **Performance Measures:** Labor Efficiency, Cavitation, Schedule Attainment
- **Troubleshooting Methods:** Mechanical Inspection, Defect Analysis, Risk Assessment

SKILLS

- | | | | |
|----------------------|------------------------------|--------------------------|--------|
| • Injection Molding | • Robots | • Preventive Maintenance | • 6S |
| • Mold Changeovers | • Thermolators | • cGMP | • LEAN |
| • Process Parameters | • Auxiliary Equipment | • GDP | • LOTO |
| • Cycle Sheets | • Mechanical Troubleshooting | • SOPs | |

PROFESSIONAL AFFILIATIONS

- Process Management Team participant supporting production, quality, safety, and equipment improvement activities.
- LEAN and 6S contributor focused on organized work areas, practical problem solving, and daily process discipline.

LANGUAGES

- English (Native)
- Spanish (Intermediate)

ADDITIONAL INFORMATION

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

REFERENCES

AVAILABLE ON REQUEST