

Brandon Okafor

// Process Technician

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> SUMMARY

Process technician with 7 years in injection molding, the last 3 setting and tuning processes on 18 presses for automotive and medical parts. Uses scientific molding and root cause analysis to bring new molds to a stable window and handles troubleshooting of short shots, flash and sink. Documents changes in Microsoft Excel and reports results in PowerPoint.

> SKILLS

• Injection Molding • Scientific Molding • Troubleshooting • Root Cause Analysis • Mechanical Aptitude
• Microsoft Excel • PowerPoint • Microsoft Word • Attention to Detail • Communication Skills

> EXPERIENCE

Process Technician

04/2023 - Present

Lakeshore Precision Molding

Holland, MI

Custom molder of interior trim and medical housings with 18 presses from 55 to 500 tons.

- Develop and adjust process sheets for 18 injection molding presses, holding a 96% first-pass yield across 120 molds.
- Run decoupled molding studies on new tools, cutting average mold qualification from 5 shifts to 3.
- Lead root cause analysis on scrap spikes with quality engineers, reducing sink and short-shot defects 31% in 2025.
- Coach 9 setup operators on dryer settings, startup checks and safe purging during weekly floor training.

Molding Setup Technician

08/2021 - 03/2023

River Valley Plastics

Grand Rapids, MI

High-volume molder of appliance and office furniture components.

- Installed and plumbed molds on 12 presses, finishing changeovers in 55 minutes against a 75-minute target.
- Tracked cycle times and part weights in Microsoft Excel and flagged drift to the process engineer within the shift.
- Replaced heater bands, thermocouples and water lines, keeping unplanned press downtime under 4%.
- Verified first articles with calipers and go/no-go gauges before releasing each job to production.

Molding Operator

06/2019 - 07/2021

Kent County Plastics

Wyoming, MI

Molder of closures and caps for food and beverage packaging.

- Operated 4 presses per shift, examining parts for flash and short shots against the quality plan.
- Packaged and labeled 20,000+ closures a shift with zero mixed-lot complaints in 2 years.
- Reported abnormal cycle alarms to setup techs, sparking an interest in process work.

> EDUCATION

Associate of Applied Science

05/2019

Grand Rapids Community College

Grand Rapids, MI

Manufacturing Technology

> CERTIFICATES

Master Molder I

10/2023

RJG, Inc.

Systematic Molding Certification

06/2022

Paulson Training Programs