

Raj Patel

MANUFACTURING MANAGER

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SUMMARY

Manufacturing Manager with 10 years of progressive leadership experience in plastics and medical device manufacturing. Leads 3 departments and 110 employees, owns production planning and lean manufacturing results, and reports to the general manager. Grew output by 24% in 2 years without adding headcount, while keeping customer delivery at 97%.

SKILLS

- Lean Manufacturing
- Production Planning
- ISO 13485
- SMED
- Injection Molding
- TPM
- Excel
- PowerPoint
- Microsoft Word
- Leadership

EXPERIENCE

Manufacturing Manager

05/2022 - Present

Miami Valley Medical Molding

Dayton, OH

ISO 13485 certified contract molder of medical device components, 220 employees.

- Lead **110** employees and 4 supervisors across molding, cleanroom assembly and packaging.
- Grew output by 24% in 2 years without new headcount by adding 6 automated cells and SMED setups.
- Build the 12-week production planning schedule with supply chain, holding customer delivery at 97%.
- Present weekly results in PowerPoint to the general manager, covering safety, quality, delivery and cost.

Production Supervisor

04/2019 - 04/2022

Gem City Plastics

Dayton, OH

Injection molder with 30 presses serving automotive and appliance customers.

- Supervised **40** operators across 30 injection molding presses on 2 shifts.
- Cut machine downtime by 22% with daily lean tier meetings and a TPM program run with maintenance.
- Coached 4 leads in problem-solving and shift planning, 2 of whom were promoted to supervisor.
- Rewrote 25 setup sheets in Microsoft Word and tracked first-shot approval rates in Excel.

Process Engineer

06/2016 - 03/2019

Gem City Plastics

Dayton, OH

Engineering role supporting 30 molding presses.

- Developed molding processes for **45** new tools, reaching approval in 2 trials on average.
- Reduced cycle times by 9% across the top 10 parts through cooling and fill studies.
- Ran scientific molding training for 18 technicians, cutting process-related scrap by 20% in a year.

EDUCATION

Bachelor of Science

05/2016

University of Dayton

Dayton, OH

Mechanical Engineering

CERTIFICATES

Certified Six Sigma Black Belt (CSSBB)

American Society for Quality (ASQ)

06/2021