

Andrea Whitlock

Operational Excellence Manager

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SUMMARY

Operational excellence manager with 10 years in pharmaceutical and medical device manufacturing. Builds Lean and Six Sigma programs at sites of 500 to 1,200 people, with change management and coaching that make gains stick. Holds a Six Sigma Black Belt and reports savings to site leaders in Excel and PowerPoint.

EXPERIENCE

Operational Excellence Manager 05/2022 - Present

Crossroads Pharma Manufacturing Indianapolis, IN

Contract pharmaceutical manufacturer with 1,200 employees.

- Direct the site Lean program, delivering **\$4.8M** in savings over 3 years.
- Coach 8 department heads on daily management boards and tiered huddles across 3 shifts.
- Cut packaging changeovers from 6 hours to 2.5 using SMED, adding 9% line capacity.
- Lead change management for a new MES rollout with 400 users, reaching 94% adoption in 60 days.

Senior Continuous Improvement Engineer 04/2019 - 04/2022

Wabash Orthopedic Devices Warsaw, IN

Orthopedic implant maker with 900 employees.

- Led 14 Six Sigma projects on machining yield, raising first-pass yield from 86% to **95%**.
- Facilitated 25 Kaizen events in machining, cleaning and packaging.
- Built project management plans for a \$2M cell redesign delivered 3 weeks early.
- Trained 60 Green Belt candidates, with 41 completing certified projects.

Manufacturing Engineer 06/2016 - 03/2019

Hoosier Precision Plastics Indianapolis, IN

Injection molding plant with 500 employees.

- Reduced mold changeover time by 35% on **12** presses with quick-connect water lines and staged tooling carts.
- Validated 20 new molds with the quality team and released 40 process instructions to the floor.
- Analyzed scrap data in Excel by press and resin lot, cutting plant scrap from 4.1% to 2.6%.

SKILLS

- Lean
- Six Sigma
- Kaizen
- SMED
- Change Management
- Project Management
- Excel
- PowerPoint
- Coaching
- Leadership

EDUCATION

Bachelor of Science

Purdue University

Industrial Engineering

West Lafayette, IN

05/2016

CERTIFICATES

Certified Six Sigma Black Belt (CSSBB)

ASQ

10/2020