

# Alli R. Woolridge

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## Professional Summary

People and results focused leader with experience in lean production manufacturing, project management, product development, supplier management and quality. Developed into a role modeling, top-performing employee, who continually looks to improve people, products and processes. Seeking a position that desires to have a dedicated, hardworking, committed employee who will deliver beyond expectations.

## Professional Experience

### Oakley, Foothill Ranch, CA

#### *Senior Process Engineering Manager, 8/16 - Present*

- Manage 5 Engineers and support frame molding and finished good assembly production of 400+ employees.
- Seamlessly stepped in as the interim Production Manager of 75 employees in the lens/accessory, goggle and custom eyewear production for 7 months with successful results in 2020 while continuing to lead the Engineering team.
- Improved FY direct labor efficiency for frame molding production from 69.2% to 73.05% (2017), to 80.1% (2018), to 87.2% (2019) to 96.2% (2020).
- Led the implementation, standardization, process development and improvements of Automation equipment over a 4 year period (40 Sepro robots, 40 Faro Milling Machines, 18 ABB Yumi robots and 25 Denso robots) which contributed to a \$1,146,225 favorability to the budget for direct labor efficiency in 2020.
- Re-configured assembly cell considering safety, accessibility, ergonomics, & part presentation which improved the safety for the operators/technicians and reduced kit changeover time up to 50%.
- Implemented assembly operator chase (prior to covid) to reduce the repetitive motion from rotating every two hours + to a maximum 3 piece basis. This distributed the workload per station within the cell from ~ 148 units per every two hours to 49 units per every two hours for a 66% reduction in the repetitive motion. The operator chase reduced the ergonomics risk assessment for repetitive motion/force and static standing down from a count of 31 to 24.
- Oversaw the implementation of molding SMED changeover reduction in time by 50% (5+ hours to 2.5 hours) with a pit crew approach.
- Support the new model production release: review tool design for automation compatibility, develop line layouts, time studies, routings, assembly verification, operator training, in addition to overseeing tool qualifications, sampling, fixture qualification, and automation programming. Ensure the feasibility for longevity and sustainment of the assembly process.
- Support productions daily needs to ensure monthly goals are met with safe, quality and consistent manufacturing.
- Coordinate with production scheduler to ensure tool constraints per press are up to systematically up to date. Work with the production scheduler to understand their constraints and identify/implement opportunities to improve their scheduling pain points.
- Project managed, coordinated the ordering for all equipment and oversaw the implementation of two Arburg machines, an overhead mold crane expansion, and goggle glue room expansion.
- Constantly identify opportunities, work hand in hand with production, provide the necessary presence, structure and organization to better the people and robustness of the production environment to make their jobs easier.

### Alcon, Irvine, CA

#### *Senior Manufacturing Engineer, 3/13 – 8/16*

- Proven project management experience in a cross functional environment including successful implementation of production cost reduction projects resulting in total of 1.25M annual savings.
- Projects driven utilizing lean manufacturing principals.
- Develop, sustain and enhance Manufacturing Assembly/Test and Machining Operating Procedures.
- Streamlined and standardized Accessories Production documentation records with an annual reduction of 204,600 entries and 12,175 pages.
- Lead manufacturing re-layout projects: designed layouts for production floor moves, created mix-model production workbenches, reducing floor space by 700sq ft.
- Lead manufacturing product development and technical transfer projects from R&D; working under a compressed schedule to meet distribution needs while ensuring manufacturability of the product with clear documentation.
- Designed, executed and implemented internal and supplier cost reductions efforts to constantly improve processes and lower costs.
- Work closely with suppliers to resolve non-conforming and material issue.
- Analyze operations and sequence of operations to assure full utilization of labor with accurate routers.
- Develop and execute validation plans for process, equipment and software.
- Provide daily production support to ensure monthly MPS numbers are met with stable manufacturing.
- Implement and sustain continuous improvements to improve manufacturing process.
- Mentor peers, co-ops and less experienced engineers.

### Alcon, Irvine, CA

#### *Receiving Inspection Supervisor, 12/11 – 3/13 / Receiving Inspection Quality Engineer, 2/11 – 12/11*

- Supervised 9 technicians and 1 Engineer - Lead reports to be focused, driven towards the end goal while working with highest quality.
- Managed 1.5 million dollar budget, ensuring financial goals were met.
- Provided daily technical and customer receiving inspection support, resolving issues, ensuring material needs are met to satisfy production demands.
- Performed inspection correlation between Alcon and suppliers, ensuring similar inspection methods.
- Implemented technician, process and training standardization by creating best practice procedures/aids.
- Assisted with dimensional inspections to help maintain a low backlog, utilizing all hands on inspection tools.
- Assisted with FA Inspections, coordinated pilot inspection, resolved dimensional issues, performed process and design FMEAs.

### Alcon, Irvine, CA

#### *Supplier Quality Engineer, 10/08 – 2/11*

- Supplier Quality Engineer for 5 production lines.
- Investigated non-conforming material, worked with suppliers on root cause investigation, implementing corrective actions and effectiveness check.
- Compiled and analyzed supplier and defect trending in order to react and develop necessary measures.
- Developed and executed supplier certification for inspection on Alcon's behalf (including gage R&R and Cpk analysis).
- Conducted ISO 9001: 2008 supplier audits.
- Implemented supplier risk based approach for managing vendors.

### **Alcon Corporate Honors**

- 2015 Corporate Alcon Excellence Award for Productivity – Team selected from all Alcon sights; combined 1.77M annual savings.
- 2015 Values and Behaviors Award – Demonstrated excellence with assisting other departments on top of expected standard work.
- 2014 – Alcon Lean Six Sigma Specialist certified.
- 2013 Corporate Alcon Excellence Award for Process – Team selected from all Alcon sights as achieving lean process savings excellence; saved 1.3M annual.
- 2010 Alcon Special Achievement Award – Achieved significant results on supplier certifications beyond the normal performance expectations of the position.

### **Skills/Interests**

- All standard Microsoft products (Word, Excel, Project, PPT, Visio), Quality & Inspection tools, Geometric Dimensioning & Tolerancing
- ISO 9001:2008 Lead Auditor Certified
- Alcon Lean Specialist Certified
- Living an active lifestyle – Crossfit, running, yoga, outdoor activities.

### **Education**

California Polytechnic State University, San Luis Obispo

Bachelor of Science in **Industrial Engineering**, June 2008

Society of Women Engineers (SWE): Nominated for 2007-2008 Outstanding Women Engineer

- NCAA Division I-A Women's Soccer Athlete: 2004-2007, Team Co-Captain 2006-2007, All-Conference Second Team Selection 2007, Team MVP 2007, Awarded Scholarship 2006, Awarded Most Inspirational 2005, 2006 & 2007