

JOHN ROBINSON

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PROFESSIONAL SUMMARY

Dynamic Manufacturing Technician with a proven track record at Danfoss Power Solutions, skilled in equipment troubleshooting and process optimization. Enhanced production efficiency through innovative solutions and effective team collaboration, while fostering a culture of safety and compliance. Recognized for implementing improvements that reduced waste and elevated product quality.

SKILLS

- Mechanical aptitude
- Work instruction authoring
- Root cause problem solving
- Job safety analysis
- Use of hand and power tools - screwdrivers, wrenches, drills, saws, grinders, etc.
- Computer Literate - MS Excel, Word, PowerPoint, Teams, Outlook, Siemens Teamcenter, AutoCAD Mechanical
- Teamwork and collaboration
- Ergonomic evaluation
- Management of change
- Additive manufacturing
- Use of standard gauges - calipers, micrometers, dial indicators, etc.

WORK HISTORY

01/2023 to 02/2026

Manufacturing Technician

Danfoss Power Solutions – Longmont, CO

- Collaborated with engineering teams to troubleshoot equipment issues and implement solutions - first response to line-down situations.
- Implemented process improvements that enhanced product quality and reduced waste - attended weekly RCPS meetings.
- Maintained a safe work environment by enforcing safety protocols and conducting routine inspections - member of safety committee.
- Trained production staff in assembly procedures and use of equipment and machinery - participated in Kaizen events to move from batch processing to single piece flow.
- Collaborated with engineering teams to identify areas for process improvement and develop innovative solutions.
- Assisted in design of custom jigs and fixtures to improve manufacturing precision and speed - completed gauge R&R studies.
- Developed and enhanced work instructions and process training documents to clear up confusion and boost performance - designed and implemented a custom

form for operators to use in the communication of work instruction red-lining.

02/2015 to 01/2023 **Production Assembly Lead**

Danfoss Power Solutions/UQM Technologies – Longmont, CO

- Oversaw assembly line operations, ensuring adherence to quality standards and safety protocols.
- Trained and mentored new team members on assembly techniques and best practices.
- Recognized and reported defective material and equipment to shift supervisor.
- Participated in recruiting efforts for the assembly department, interviewing candidates and making recommendations to hire top-performing talent.
- Collaborated with engineering teams to troubleshoot assembly issues and develop solutions.

05/2010 to 02/2015 **Production Assembler**

UQM Technologies – Longmont, CO

- Assembled components for electric motors, ensuring quality and adherence to specifications.
- Operated assembly tools and machinery, maintaining safety and efficiency throughout production processes.
- Collaborated with team members to streamline workflows and enhance overall productivity.
- Conducted routine inspections of assembled products to identify defects and ensure compliance with standards.

PROJECTS

- **Rotor Magnet Installation Tool** - Addressed issue of rotor magnets breaking during hand assembly by designing and implementing a process specific installation/assembly tool resulting in drastic reduction of waste and improved operator safety
- **Rotor Adhesive/Activator Ratio Control** - Solved issue of inconsistent magnet retention by designing and implementing an MS Excel VBA driven operator kiosk with integrated scale for checking/correcting adhesive to activator ratio prior to start of each production day/run, with pass/fail results logging/ticket printing and workstation specific PM tracking whiteboard
- **Fastener Driver Bit Selection System** - Implemented improvement to exchangeable hex bit selection by designing and implementing custom bit holder rack with bit collars color keyed to fastener bin tags decreasing operator time and error during selection of proper bits to maintain timely production flow rates

EDUCATION

High School Diploma

Boardman High School - Boardman, OH