

Greg Rodenfels

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OBJECTIVE

A highly motivated and organized engineer and Lean trainer with excellent communication skills seeking a new, challenging position to apply 15 years of project/personnel management, and process improvement experience to support the company's initiatives.

PROFESSIONAL SKILLS

- Lean Manufacturing Trainer & Auditor
 - Manufacturing Engineer & Manager
 - Six-Sigma Green Belt
 - OSHA - 10 Trained
 - 3P Process
 - Project Management
 - Product Management
 - Standard Operating Procedures
 - Microsoft Office Suite, including Excel
 - AutoCAD
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PROFESSIONAL EXPERIENCE

Kärcher Production System Manager

Kärcher North America

2011-2018

Englewood, CO

Kärcher is a family-owned, global leader of cleaning technology based out of Germany. As the Kärcher Production System Manager, I reported to the Director of Operations and was responsible for training personnel on Lean principles, while managing and implementing the results of Continuous Improvement (CI) events throughout the facility.

- Procured a \$60k Training Center where I trained more than 100 shop-floor employees and more than 40 office personnel.
- Served as an liaison during the annual corporate Lean Department audit for the warehouse/shipping, metal fabrication, rotational molding, and assembly teams. During the audit a "path to Lean" would be developed and I would manage that roadmap via KPI's for the next year.
- Value Stream Mapping Project, 2012 - 2017
 - Assisted in the development of a plan to meet the worldwide headquarters' goal of implementing Lean in the factory. I fostered a culture towards greater efficiency - embodying the "path to Lean" - by formally training coworkers on Lean principles and harnessing the power of a Value Stream Map to provide data for making business decisions including capital expenditure items; this created a Lean culture from the bottom-up and the top-down.
 - In 2012, my facilitation of the Value Stream Map found that an additional laser was needed to handle the amount of product being manufactured. A second laser was purchased for \$1M to increase production and relieve the bottleneck.
 - In 2014, my facilitation of the Value Stream Map found a bottleneck at the powder coat line where a new \$2.5M paint line relieved this issue.
- Per one Kaizen Event, I reduced inventory by \$50k and iteratively eradicated 5 warehouse racks (64 bays) to change the floor layout to add 2 assembly lines.
- Managed the Maintenance Department. Responsible for overseeing various equipment including 2 CO₂ cutting lasers with an auto-material tower, 2 rotational molders, 4 forming presses, 1 robotic welder, 12 forklifts, and many other items.
- Managed three manufacturing engineering technicians for two years.

- Member of the Safety Committee for 6 years where a think-tank approach was used to create a safety culture.

Product Engineer

Advanced Forming Technology

2004-2006; 2008-2009

Longmont, CO

AFT is a global leader in quality metal injection molding (MIM) and Thixomolding® technologies serving the automotive, firearm, aerospace, and medical industries. As a Product Engineer, I managed MIM and Thixomolded® parts from customer drawings to full production.

- Met with customers to ensure the product could be produced per their quality and production requirements.
- Measured the parts with the Quality Technician to wet-paint automotive standards; corrosion, chemical resistance, adhesion, hardness, and thickness.
- Communicated directly with customers regarding quality and production quantities.
- Occasionally delivered parts to the airport for overnight orders, as needed, per the customer.

Manufacturing Engineer

Noble Metal Processing

1998-2000; 2000-2004

Detroit, MI; Shelbyville, KY

Noble Metal Processing provided the automotive industry with tailor-welded blanks. Sheet metal was blanked to the customer specifications and then laser welded together to become a/b/c pillars, door inners, and body sides. As the only Manufacturing Engineer in the facility, I managed the start-up and full production of the factory.

- Worked on the shop floor everyday troubleshooting production issues
- Worked closely with Quality and Production to create standard operating procedures.
- Managed the Maintenance Department, responsible for overseeing various equipment including 3 CO₂ laser welding systems, 3 blanking lines, 1 spot welding system, 4 forklifts, 50 ton overhead crane, a railcar mover, a railspur, and other items.
- Acted as the Continuous Improvement Coordinator.
- Taught a Basic Weld Class to all plant personnel including the CEO.
- Organized the installation of non-destructive weld-testing package, Temate™.

OTHER EXPERIENCE**Program Facility Supervisor**

City and County of Broomfield

2007-2011

Broomfield, CO

The city-run Paul Derda Recreation Center provides a safe place for many athletic endeavours. As Program Facility Supervisor, I monitored the facility and enforce rules as well as other duties, including:

- Supervised Program Facility Attendants.
- Trained customers in the basics of indoor rock climbing, including safety aspects.
- Interacted with customers to ensure a safe environment.

EDUCATION

The Ohio State University, Columbus, OH

Bachelor of Science in Welding Engineering, 1998