

Wayne A. Sinks

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Menomonee Falls, WI 53051
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Bachelor of Science in Mechanical Engineering

University of Cincinnati, June 1998

Master of Business Administration

Bradley University, August 2002

Success driven professional with a diverse background in engineering, product development, manufacturing and leadership roles combined with a solid education delivering proven results. Past experiences and strategic thinking provide a strong skill set to generate value for the organization.

Caterpillar, Inc. July 1998 – Present

Manufacturing Engineering Manager, Surface Mining and Technology, South Milwaukee WI, 8/2017-Present

- Responsible for Manufacturing Engineering and execution of Facility Optimization.
- Executing rigging, lifting and bracing strategy to drive safety improvements with large fabrications.
- Provided leadership for \$21M of capital spend to modernize equipment and increase capacity.
- Owner of largest OIA project for ERS product line, consolidating South Milwaukee operations to a cost-effective footprint. Impaired \$75M in fixed assets, reduced depreciation by \$8.4 and lowered campus support costs by \$2M.

Quality Manager, Surface Mining and Technology, South Milwaukee WI, 1/2012-7/2017

- Successfully implemented the Caterpillar Quality Management System to become the first Expanded Mining facility to achieve CQMS Certification.
- Developed and implemented quality strategies including elements of Caterpillar Customer Acceptance Validation to drive as-delivered quality performance. Reduced Electric Rope Shovel defects at Pre Delivery Inspection by 97% from 2013 to 2015.
- Established metrics and developed reporting methodology to align with traditional Caterpillar facilities.
- Mentored Bucyrus facility leadership team with CPS, 6-Sigma methodology and Caterpillar culture to drive organizational results.
- Project Manager for the CGM Integration Strategic Imperative. Responsible for authoring the playbook which defined the current state of the organization, established the future state for successful integration, analyzed the gap and developed the execution plan. Partnered with Product Manager in Denison to successfully pilot the playbook prior to deployment.

Manufacturing and Supply Chain, Bucyrus Integration, Peoria IL, 4/2011-12/2011

- Evaluated manufacturing and supply chain organization across Bucyrus to identify synergy opportunities totaling a net present value of \$500M vs. greenbook target of \$116M.
- Worked with Branding and Industrial Design to establish product trade dress, color and quality requirements and developed transition timeline to achieve Cat color scheme.
- Evaluated capacity levels vs. projected volumes for each major Bucyrus product and worked with facility leadership to establish capital requirements to achieve forecasted demand.
- Developed current state Value Stream Map at Denison Drill facility to understand constraints and define improvement opportunities. Created MGPP to address constraints and presented to the General Manager.
- Provided organizational training, developed product forecast levels and incorporated Bucyrus products in the Caterpillar Sales and Operations Planning process by the third cycle with full process adherence by the fifth cycle.

Manufacturing Engineering Superintendent, Lower Powertrain Products, East Peoria IL, 1/2010-3/2011

- Created capacity planning models to evaluate product demand, identify production gaps, and implement alternative production solutions to achieve requirements.
- Identified alternate supply base and resourced demand to support Executive Product Plan exceptions while minimizing cost and delivery impact.
- Developed and executed peak shave strategy to overcome significant equipment downtime to achieve customer demand and implement finished goods buffer.
- Identified and corrected lead time errors in TTT prime product schedule that drove material delays for all component suppliers across East Peoria campus.
- Established multi-discipline task force to improve OEE in critical gear cell from 39% to 78%.

Additional Experiences

Group Manager, Lower Powertrain Products, East Peoria IL, 2/2008-12/2009

- Provided leadership for final production processes in LPP including machining, grinding and assembly. Executed CPS principles to achieve targets and deliver business results.

Six Sigma Black Belt, Caterpillar Precision Seals, Decatur IL, 8/2006 – 1/2008

- Technical lead supporting Lower Powertrain manufacturing and design organizations in Aurora, Decatur and East Peoria with duo cone seal selection, application, manufacturing problem resolution and CPI issue resolution. Delivered financial and leadership results to achieve Black Belt Certification.

Group Manager, Caterpillar Precision Seals, Franklin NC, 4-2004-7/2006

- Provided leadership to the manufacturing, supply chain and customer service organization responsible for the manufacturing of metal face seals and cartridge pins for Caterpillar and OEM's worldwide. Generated over \$100M in revenue in 2006.

Design Engineering Supervisor, Caterpillar Precision Seals, Franklin NC, 2/2003-3/2004

- Engineering supervisor with design control responsibilities for Caterpillar and OEM duo cone seals and metal face seal solutions. Provided leadership for the detailing, application consulting, test lab and quality control personnel ensuring superior sealing performance, durability, and quality at the lowest possible cost.

Product Development Engineer, Peoria Proving Grounds, East Peoria IL, 1/2001-1/2003

- Lead development engineer responsible for the development and validation of the G-Series and G1-Series Small Track Type Tractor. Planned, coordinated and executed the elements of the NPI process and achieved a successful production launch to overtake John Deere as the market leader.

Design Engineer, Undercarriage Product Group, East Peoria IL, 7/1998-12/2000

- Undercarriage design engineer responsible for the design, new product development and quality improvements of track pins and bushings for Hydraulic Excavators and Small Track Type Tractors.

Internship with Caterpillar, York PA and Peoria IL, 9/1994-9/1997

- Served internship at various locations with Caterpillar totaling 1 year and 9 months of service. Positions included manufacturing engineering (York PA), design engineering (Peoria IL) and marketing (Peoria IL).

Key Strengths

Strategic Planning	Acquisition Integration	Capacity Planning
Budget Management	Leadership & Change Management	Quality Management
Data & Trend Analysis	Sales and Operations Planning	Certified Blackbelt
New Product Introduction	Caterpillar Production System	Lean Deployment