

WILLIAM PEREZ

Senior Production Engineer

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PROFESSIONAL SUMMARY

Dynamic Senior Production Engineer with 7 years of expertise in optimizing production processes and enhancing operational efficiency. Adept at leading cross-functional teams, driving innovative solutions, and implementing best practices in manufacturing. Committed to delivering measurable results in safety, quality, and cost management within the oil and gas sector.

WORK EXPERIENCE

Senior Production Engineer

Blue Sky Innovations

📅 Jun / 2021-Ongoing

📍 Chicago, IL

1. Collaborate with vendors to procure equipment, achieving a significant ROI for the Production department.
2. Analyze quotes and specifications to ensure compliance with operational requirements.
3. Customize equipment solutions to enhance efficiency and minimize downtime.
4. Conduct line trials and factory acceptance tests to validate equipment performance.
5. Coordinate with maintenance teams to identify necessary equipment and spare parts for new and existing products.
6. Negotiate with vendors to secure competitive pricing while ensuring compatibility with production operations.
7. Provide technical support to production teams to resolve quality and mechanical issues effectively.

Senior Production Engineer

Summit Peak Industries

📅 Jun / 2018-Jun / 2021

📍 Denver, CO

1. KMCO LLC Senior Production Engineer (06-2016 - Present) - Maintain comprehensive knowledge of unit operations and processes.
2. Lead project management initiatives to ensure timely delivery of critical-path activities.
3. Implemented Kanban system to optimize shop floor work-in-progress inventory.
4. Revamped KPIs, achieving a 20% improvement in production targets.
5. Supervise a team of 20 fabricators throughout the project lifecycle of crane assembly and testing.
6. Oversee daily operations and well work in the Jay and Chatom fields.

EDUCATION

Bachelor of Science in Chemical Engineering

University of Texas

📅 Jun / 2015-Jun / 2018

📍 Portland, OR

Focused on process design, thermodynamics, and fluid mechanics.

SKILLS

Process Optimization

Project Management

Lean Manufacturing

Six Sigma Methodologies

ACHIEVEMENTS

- 🌟 Improved production efficiency by 30% through the implementation of Lean methodologies.
- 🌟 Reduced equipment downtime by 25% by optimizing maintenance schedules and procedures.
- 🌟 Increased yield by 15% by redesigning production workflows and enhancing process controls.