



Walter Hamilton

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SUMMARY

Industrial Engineer with over 8 years of experience in production and logistics. Expertise in Lean methodologies and process improvement initiatives drives operational efficiency and workflow maximization. Collaborative mindset fosters positive relationships across teams while mentoring junior engineers. Skilled in planning equipment layout to enhance safety and productivity. Passionate about implementing innovative solutions that contribute to overall success. Experience executing change using CI methodologies, improving efficiency through Kaizen events and Value Stream Maps. Committed to creating an appreciative environment where problem-solving thrives.

EXPERIENCE

Industrial Engineer

June 2021 - Present

Innovative Engineering Solutions

Fort Worth, TX

In this role, focus on integrating new manufacturing processes while collaborating cross-functionally with teams to boost performance. Implementing numerous process improvements across various projects ensures production meets industry standards.

- Spearheaded cross-functional initiatives to integrate new manufacturing processes, enhancing workflow and efficiency across production lines.
- Developed and implemented Value Stream Maps aligned with Lean Operations Roadmap, which improved process visibility and performance significantly.
- Conducted comprehensive time studies and capacity-labor analyses to optimize workload balance, ensuring production met established TAKT time.
- Led several Kaizen events that facilitated continuous improvement projects, driving coordination among team efforts.
- Created standard work instructions and training materials for shop floor personnel, refining onboarding integration across departments.
- Collaborated proactively with quality and engineering teams, supporting root cause analysis and effective corrective action protocols.

Production Engineer

March 2018 - May 2021

Dynamic Production Engineering

Fort Worth, TX

Role encompassed overseeing production optimization across plants while engaging in substantial improvement projects through Lean methodologies. Influencing outcomes through effective coaching and training was essential.

- Executed numerous process improvement projects utilizing Six Sigma methodologies, achieving notable reductions in cycle times.
- Managed the strategic layout of production materials optimizing space utilization within safety parameters.
- Mentored junior engineers on Lean principles, reinforcing a commitment to continuous improvements across team engagements.
- Documented and supported streamlined production flows to enhance clarity operations.
- Promoted inter-departmental collaboration to facilitate seamless product integrations with existing workflows.
- Implemented 5S methodology heightening workplace efficiency and organization throughout production areas.

Logistics Engineer

January 2015 - February 2018

Efficient Logistics Solutions

Fort Worth, TX

Focused on elevating logistics performance by analyzing delivery systems, enabling transformations influenced heavily through teamwork and regulatory compliance.

- Analyzed logistical processes, defining optimized material delivery systems resulting in increased delivery efficiency.
- Collaborated closely with production teams ensuring logistics strategies positively influenced manufacturing methods.
- Authoritative in developing SOPs for all logistics operations enhancing workflow effectiveness.
- Supported compliance awareness during the rollout of continuous improvement initiatives improving customer satisfaction metrics.
- Facilitated impactful training sessions to uplift logistics staff capabilities and operations standards.
- Regularly conducted audits on logistics operations identifying potential enhancements and streamlining necessary adjustments.

LEADERSHIP & AWARDS

- Lean Six Sigma Green Belt Certification received in 2016.
- Certified Production and Inventory Management (CPIM) awarded in 2019.

EDUCATION

Bachelor's Degree in Industrial Engineering

2015

CERTIFICATIONS

- Lean Six Sigma Green Belt Certification 2016
- Certified Production and Inventory Management (CPIM) 2019

TECHNICAL SKILLS

- Lean Tools:** Value Stream Mapping, 5S, Kaizen Events
- Manufacturing Software:** AutoCAD, SolidWorks, SAP
- Statistical Software:** Minitab, MATLAB, R
- Project Management Tools:** Trello, Asana, JIRA
- Workflow Automation:** Visio, Lucidchart, Microsoft Project
- Data Analysis Tools:** Excel, Tableau, Power BI
- Performance Metrics:** TAKT Time, Cycle Time, Lead Time
- Safety Compliance:** OSHA Standards, ISO 9001, TS16949
- Team Collaboration Tools:** Microsoft Teams, Slack, Zoom
- ERP Systems:** SAP, Oracle ERP, Microsoft Dynamics

SKILLS

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|----------------------|--------------------------------|------------------------|------------------------|
| Lean Manufacturing | Project Management | Logistics Optimization | Root Cause Analysis |
| Six Sigma | Training & Development | Capacity Planning | Workplace Safety |
| Process Improvement | Cross-Functional Collaboration | Kaizen Methodology | Continuous Improvement |
| Value Stream Mapping | Time Studies | Quality Assurance | |

PROFESSIONAL AFFILIATIONS

- Member of the Institute of Industrial Engineers since 2017.
- Engaged in local STEM outreach programs fostering education interest in industrial engineering.

LANGUAGES

- English (Native)
- Spanish (Intermediate)

ADDITIONAL INFORMATION

Work Status : Authorized to work in United States. No sponsorship required.

REFERENCES

AVAILABLE ON REQUEST