



Jesse Huang

Fabrications Production Manager

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STRENGTHS

- 👤 **Shift Leadership**
Built clear second shift priorities around real workload needs. Operators knew what mattered first, and supervisors had cleaner follow through.
- ♥ **Safety Ownership**
Stopped unsafe work when conditions required it. That direct choice helped keep production moving with safer habits and clearer accountability.
- ⚙️ **Process Improvement**
Used 5S, Lean, and root cause analysis on recurring shop floor issues. Small changes made daily work easier for operators.
- 👤 **People Development**
Trained employees, supported cross training, and addressed performance concerns directly. Team members gained clearer expectations and broader capability.
- ✅ **Quality Focus**
Connected quality checks with production methods and tooling readiness. Teams became more consistent, and concerns reached support partners sooner.

SKILLS

Fabrication Machining

Production management

Second shift PQVC

Shop floor safety 5S

Lean Manufacturing 6 Sigma

CQMS ISO quality systems

Performance management

Workforce planning

SUMMARY

Manufacturing production leader with 11 years of progressive experience across **fabrication**, **machining**, welding, and high mix industrial operations. Leads second shift teams through People, Quality, Velocity and Cost priorities while balancing labor, tooling, fixtures, schedules, timekeeping, overtime, and constrained resources. Builds practical production systems that connect safe work, reliable quality, timely delivery, and responsible cost control. Applies 5S, Lean Manufacturing, 6 Sigma, ISO aligned quality practices, CQMS principles, structured problem solving, and critical thinking to remove **non value added activity**. Develops employees through training, cross training, **performance management**, and clear communication. Partners effectively with operators, quality, maintenance, engineering, planning, management, and customers to improve shop floor conditions, equipment use, process flow, and completion dates.

EXPERIENCE

Production Manager, Fabrication and Machining

Granite Peak Industrial Works 📅 January 2023 - Present 📍 St. Cloud, MN

Leads second shift fabrication and machining operations for approximately 75 employees across welding, forming, CNC machining, and material flow. Owns daily **workload priorities**, staffing decisions, production sequencing, safety, quality, delivery, cost, employee development, and cross functional issue resolution.

- Directed **second shift** welding, forming, CNC machining, and material flow for approximately 75 employees.
- Set daily workload priorities and **production sequence**, aligning labor, tooling, fixtures, and **completion dates**.
- Coordinated overtime, **personnel needs**, timekeeping, and work assignments across constrained production schedules.
- Stopped unsafe operations and strengthened shop floor communication across operators, quality, maintenance, and planning.
- Applied 5S, Lean Manufacturing, 6 Sigma, and ISO practices to remove **non value added activity**.
- Managed employee training, performance discussions, and corrective actions with clear expectations and follow up.

Senior Production Supervisor

Red River Equipment Manufacturing 📅 May 2020 - December 2022 📍 Alexandria, MN

Supervised 48 second shift employees across industrial production operations, using PQVC measures, 6 Sigma methods, overtime planning, and cross training. Supported daily scheduling, quality response, safe work, workforce allocation, performance management, and communication with production stakeholders.

- Supervised 48 second shift employees using **PQVC** measures and disciplined daily production control.
- Planned **overtime** and cross training around workload changes, staffing gaps, and completion commitments.
- Used **6 Sigma problem solving** to investigate quality issues and stabilize recurring production conditions.
- Coordinated fixtures, tooling, methods, and equipment readiness before scheduled work reached production.
- Maintained employee **timekeeping**, assignments, coaching records, and performance follow up for shift operations.
- Communicated production risks with management, **quality**, maintenance, and planning to protect customer commitments.

Production Supervisor, Fabrication

Prairie Forge Components 📅 June 2017 - April 2020 📍 Mankato, MN

Overtime planning

Production scheduling

LANGUAGES

English Native

Mandarin Chinese Proficient

MY CAREER



- Production Manager, Fabrication and Machining at Granite Peak Industrial Works (3.8 Years)
- Senior Production Supervisor at Red River Equipment Manufacturing (2.6 Years)
- Production Supervisor, Fabrication at Prairie Forge Components (2.8 Years)
- Manufacturing Team Lead, Welded Assembly at Midwest Precision Fabricators (1.9 Years)

Directed a 32 person fabrication team through 5S, standardized work, **tooling** readiness, root cause analysis, and production scheduling. Improved daily execution by connecting safe methods, **equipment use**, quality checks, employee training, and practical workload planning.

- Directed a 32 person fabrication team using 5S and standardized work practices.
- Prepared tooling and **fixtures** before scheduled jobs, reducing avoidable interruptions during fabrication work.
- Used root cause analysis to address quality concerns and improve **process flow** on recurring jobs.
- Assigned work by capability, workload, and delivery need while supporting employee development.
- Monitored safe work conditions and escalated equipment or method concerns before production continued.
- Balanced quality, **velocity**, and **cost** decisions through clear records and daily operating priorities.

Manufacturing Team Lead, Welded Assembly

Midwest Precision Fabricators 📅 June 2015 - May 2017 📍 Rochester, MN

Led a 14 person welded assembly cell supporting job sequencing, fixtures, quality checks, safe work practices, and operator training. Built early supervisory experience through hands on coordination, clear communication, and reliable execution of scheduled work.

- Led a 14 person welded assembly cell through safe work practices and scheduled production.
- Sequenced jobs around fixtures, material availability, operator capability, and required **completion dates**.
- Trained operators on work **methods**, quality checks, **equipment use**, and safe production habits.
- Reported **quality** concerns and material constraints through timely **communication** with supervisors and support teams.
- Supported **5S** activities that improved workstation organization, tool access, and daily task flow.
- Helped maintain consistent output by following standardized work and addressing issues at source.

PROJECTS

Second Shift PQVC Stabilization 📅 2024

Connected workload priorities, staffing, safety, quality, velocity, and cost controls across a busy second shift. Shared practical production information with operators and support teams, helping work move with fewer avoidable interruptions.

Fabrication Flow Improvement 📅 2021

Applied 5S, Lean Manufacturing, standardized work, tooling readiness, and root cause analysis to improve fabrication flow. The effort linked safer work areas with dependable schedules and clearer operator expectations.

LEADERSHIP & AWARDS

- Lean Six Sigma Green Belt recognition, 2021, reflecting applied process improvement capability in manufacturing operations.
- Production leadership recognition for sustained second shift coordination, employee development, and accountable PQVC execution.
- Safety and quality leadership recognition for addressing shop floor risks and supporting consistent operating standards.

EDUCATION

Bachelor of Science in Operations Management

Winona State University 🎓 GPA: 3.5 📅 2015 📍 Winona, MN

Coursework: *Production planning, quality management, operations strategy, supply chain management*

CERTIFICATIONS

- Lean Six Sigma Green Belt 📅 2021
- ISO 9001 Internal Auditor Training 📅 2022

TECHNICAL SKILLS

- **Manufacturing Processes:** Fabrication, machining, welding
- **Continuous Improvement:** 5S, Lean Manufacturing, 6 Sigma
- **Quality Systems:** CQMS, ISO 9001, quality control
- **Production Planning:** Workload priorities, production sequence, completion dates
- **Workforce Management:** Work assignment, overtime planning, personnel needs
- **Employee Management:** Training, cross training, performance management
- **Production Resources:** Fixtures, tooling, standardized work
- **Problem Solving:** Root cause analysis, critical thinking, structured problem solving
- **Shop Floor Operations:** Equipment use, process flow, non value added activity
- **Safety Management:** Shop floor safety, unsafe operation control, safe work practices
- **Production Administration:** Timekeeping, operating priorities, daily production control
- **Stakeholder Coordination:** Communication, teamwork, customer coordination

PROFESSIONAL AFFILIATIONS

- Manufacturing leadership community participant, sharing practical approaches for workforce planning, quality, and safe production.
- Operations management professional network member, exchanging ideas on Lean Manufacturing, 5S, and employee development.

ADDITIONAL INFORMATION

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

REFERENCES

AVAILABLE ON REQUEST