

John D. Connolly
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SUMMARY

Experienced Supplier Quality Leader working with critical suppliers supporting multiple Marine Systems programs. Successfully supported the creation of the SPM Sunnyvale field engineering team and mentored SQE's recruited for this performance enhanced organization. Led efforts to improve critical quality issues with low performing suppliers return to green to better support the Columbia Submarine programs.

SKILLS

Team Lead / Technical Manager / Supplier Quality Management / CAM / Source Inspection Plans / PFMEA / Source Inspection / Risk Management / Onboarding / Quality Manager / Manufacturing Process Control Audits / Return to Green / Agile / Scrum / DevOps / Lean Six Sigma / Total Quality Management / Root Cause Analysis / Corrective Actions / ISO Compliance / CAD / Manufacturing Processes / Power BI Database Management / Systems Integration / Recruiting / Supplier Quality / Corrective Actions / Standard Work / kaizen / value stream mapping

PROFFESIONAL EXPERIENCE

18 years of progressive responsibility related to: Manufacturing, Design, Project Management, and Quality Leadership.

Staff Supplier Quality Engineer Northrop Grumman 06/2022 – Present

Executed leadership vision with the creation of the supplier performance management team supporting critical Columbia / Launcher suppliers for increased levels of program success. Leading and managing quality at all levels specializing in difficult quality situations and complex corrective actions to return suppliers to green status. Working with suppliers for improved delivery performance and solved complex manufacturing and fabrication issues with effective root cause corrective action methods.

- Led Source Inspected forward and aft walls, terminal boxes, and mount modules, stator frames at Intercon, Butler, and Ranor to support the MPM SS2.
- Facilitated the expansion of critical supplier management for launcher programs.

Technical Manager Overhaul Manufacturing Support Services, Caterpillar – Solar Turbines 04/2019 – 06/2022

Lead a technical support group of 20 employees engaged in tool design, tooling procurement, and gas turbine remanufacturing production support.

- Production Tooling Support working with established tooling suppliers to provide manufacturing support and expand capabilities for product development

- Improve tool delivery performance, quality, and reduce costs decrease costs through expanded supplier base
- Provide technical support for production of remanufactured gas turbine engines and drive train components and assemblies
- Implemented work agenda project management with the use of Scrum and Agile techniques and trained a cadre of Scrum Master's to facilitate project teams.

Lead Mechanical Design Engineer / Product Manager / Six Sigma Black Belt, Caterpillar – Solar Turbines 08/2010 – 04/2019

Product owner for turbine compressor cases and air inlets responsible for all phases of manufacturing planning, production and MRB. Demonstrated mastery of Lean / Six Sigma / Agile / DevOps / Scrum / Total Quality Management principles, tools, and methods to troubleshoot discrepant material and related processes to determine causation, containment, and corrective actions.

- Lead designer for refurbished turbomachinery generator, gas compression, and mechanical drive packaging for 4 distinct part families.
- Provide leadership for engineering support on all aspects of assembly and testing of turbomachinery packages
- Actively engaged in the planning and performing effective quality management system audits, providing feedback reports, and implementing enterprise level corrective actions for nonconformance issues.
- Organize effective containment strategies and lead cross-functional teams to perform root cause analysis to determine course of action to mitigate risk, remediate damage, and ultimately put controls in place to eliminate further risk to the enterprise.
- Create visibility to processes and root out waste, establish standard work, baseline key process indicators, enable built in quality, monitor, measure, and control quality at all aspects of delivery of value for customer from internal and external suppliers

Lead Manufacturing Engineer, Complex Machining and Assembly (North), Caterpillar – Solar Turbines 04/2006 – 08/2010

- Product owner for turbine compressor cases and air inlets responsible for all phases of manufacturing planning, production and MRB
- Provided technical leadership performing repair planning for discrepant material and improve manufacturing processes to improve controls

EDUCATION

Master of Science in Industrial Management, University of Texas at Tyler, Tyler Texas, August 2017

Graduate Certificate, Lean Six Sigma Black Belt, UT Tyler, August 2016

Bachelor of Science in Manufacturing Engineering, California Polytechnic State University, San Luis Obispo, California December 2004

CERTIFICATIONS

Certified ISO 9001:2015 Lead Auditor, Number TL3191, Exemplar Global, October 2021
Certified Product Owner, Scaled Agile Framework, January 2021
Certified Scrum Master, Scaled Agile Framework, October 2020
Certified Scrum Master, Scrum Alliance, August 2019
Certified Agile Leader, Scrum Alliance, September 2019
Certified Lean Six Sigma Black Belt, Certification #5720, ATMAE, August 2016
Certified Lean Champion, Lean Productivity Center, University of Texas at Tyler, April 2016
Additive Manufacturing, MSOE, SME, October 2013
Certified Manufacturing Engineer (Processes), Certification #42117133, SME, May 2009 - Present
DNV Internal QMS Auditor Training, Number 11378, Det Norske Veritas, November 2007
GD&T for Gage and Fixture Design, Technical Documentation Consultants of Arizona, 5-day course, ASME Y14.43-2003, April 2009

ADDITIONAL WORK HISTORY

University of Texas at Tyler, Adjunct Lecturer, Total Quality Management, Lean Healthcare, Scrum Principles, Lean Six Sigma Green Belt. Tyler, Texas, 2017 – Present.

United States Army, Tracked Vehicle Mechanic, United States of America, 1991 – 2006.

HONORS AND ACHIEVEMENTS

President's Award Competition, President Selection Winner, Innovation Category, IDGS Module, 2018

Patent Pending for a Panel Silencer Assembly Design, Awarded in 2016

AQI Presidents Award Finalist, Cold CAM Compressor Case Manufacturing, Awarded in 2007

PROFESSIONAL AFFILIATIONS

Society of Manufacturing Engineers, Multiple Chapters, 2008- Present

Industry Advisory Board, University of Texas at Tyler, 2018 - Present