



5991 Chester Ave, Suite 211
Jacksonville, FL 32217
Phone: 1 (888) 767-8233
Fax: 1 (904) 240-4068

Phil R.

Quality Engineer

SKILLS

- Quality Team Management
- Advanced Product Quality Planning
- Extensive Steel forging experience along with Aluminum casting experience
- Gravity and High Pressure Die Casting
- IATF 16949 Certified Internal Auditor
- Technical Drawing Interpretation
- NDT Level 2 Certification (MPI & Ultrasonic Testing)
- ASM Certified (Metallurgy)
- All Quality Core Tools
- Extensive CNC Machining Experience
- VDA 6.3 Certified Auditor
- All Microsoft Office Tools

EDUCATION

- Bachelor of Science in Industrial Engineering
 - Purdue University - West Lafayette, IN

EXPERIENCE

Quality Engineer

COMPANY REDACTED- STEEL FABRICATOR/FORGE

2022 - Present

- Responsibilities include successfully launching new projects in the Automotive and Heavy Duty Diesel industry to include the new Volvo steering knuckle. This could not be possible without the interaction of the Volvo; BF-PMT cross functional team (APQP Activities). Other current projects include Caterpillar drive segments, MAHLE Pistons, and Stellantis (FCA) 2.0L EVO Crankshafts. These activities require daily interaction with all levels of local and global management.
- Conduct internal audits and investigations for non-conforming parts
- Day to day management of ISO 9001/ IATF 16949 quality management systems and certification
- Daily interaction with the forging, CNC Machining, and CMM personnel and systems.

Quality Engineer

Zodiac Aerospace

2015 – 2022

- Responsibilities include Quality Control, Quality Audits, Process Improvement, and Training.
- Experienced in ISO 9001 practices, and AS9100.
- Created and maintained manufacturing process flowcharts, and SOPs. QMS, APQP, PPAP, ITAR/EAR, AS 9100, ISO 9001, and ISO 14971 Auditor, Assessing Compliance to SOPs. Support and conduct Internal Product, Process, and Quality System audits.
- Root Cause investigations: A3 & 8D Reports, Fishbone Diagrams, Cause-and-Effect Diagrams, 5-Whys, Pareto Charts, Control Charts, Histograms, SWOT, SIPOC, and Checklists. Manage MRB process, including root cause analysis of failures, and supplier SCARs.



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- Lead and conduct Process Audits to ensure process disciplines. Experienced in risk-mitigating and resolving manufacturing and supplier issues.
- QMS, and Supply Chain responsibilities.
- Assess and disposition non-conforming parts, and assemblies, to support on-time shipments.
- Identify Continuous Improvement (CI) opportunities and Lead CI Projects to make improvements to processes and quality system compliance, and QMS. First Article and Tolerancing (GD&T), Measurement System Analysis (MSA), and Gage R&R

Quality Lead Engineer

MAHLE Engine Components

2004-2015

- Responsibilities included the oversight and training of six quality engineers and the MAHLE receiving inspection activities and staff of 12 employees.
- Responsible for all productive component suppliers as well as all of the Heavy Duty Diesel and Automotive customers such as Volvo, Caterpillar, Toyota, Chrysler (FCA), Mercury Marine, John Deere, Cummins, Ford, GM, Nissan, and Polaris.
- Extensive travel was required to both international and domestic locations Six Sigma Green Belt. Experienced in leading DOE activities for mechanical components.

ADDITIONAL WORK EXPERIENCE AND REFERENCES AVAILABLE UPON REQUEST