



Job Opening

Requisition Id	81769BR
Business Function	Quality
Group	Industrial/AER
Division	Fuel and Motion Control Systems – Euclid, OH
External Job Title	Quality Engineer

Eaton Corporation is a diversified power management company with more than 100 years of experience providing energy-efficient solutions that help our customers effectively manage electrical, hydraulic and mechanical power. With 2012 sales of \$21.8 billion, Eaton is a global technology leader in electrical components and systems for power quality, distribution and control; hydraulics components, systems and services for industrial and mobile equipment; aerospace fuel, hydraulic and pneumatic systems for commercial and military use; and truck and automotive drivetrain and powertrain systems for performance, fuel economy and safety. Eaton has approximately 103,000 employees and sells products to customers in more than 175 countries

Eaton Aerospace Group has a need for a quality engineer which will provide quality support to the team responsible for the manufacture, assembly and testing of internally manufactured products. In addition, supports issues such as MRB review, Cost Out, Reduction in DPPM, and Improvement Initiatives.

Critical for success in this role is the ability to:

- Drive reductions in Defective Parts per Million (DPPM) and improvement in First Pass Yield (FPY) of manufactured products.
- Review Engineering drawings and changes to assure that they are properly dimensioned and conform to GD&T protocol, and provide proper inspectability for the related component.
- Respond to customer corrective action requests including full root cause analysis, determination of permanent corrective actions, and implementation and follow-up of corrective actions.
- Collaborate with Design Engineering, Manufacturing Engineering, customers, and suppliers to improve manufacturing processes and develop methods to eliminate quality problems - Position requires interaction with external customers and internal personnel at all levels of the organization. Interaction is quite often providing the controlled interface between an Eaton manufacturing supplier (both internal and external) and the Eaton customer.
- Work with customer, government and other regulatory representatives to interpret or reach agreement on Quality procedures, and acceptability of products and assure compliance with the specified customer and government requirements.
- Investigate and resolve internal and external product quality problems utilizing quality functional tools such as statistical and analytical tools, PFMEAs, and process capability studies.
- Review customer rejected hardware to determine cause and corrective action.
- Utilize product audit process to suggest process and/or design changes to improve producibility and/or yield. Implement standard work; identify cost out opportunities, in order to drive continuous improvements in products and processes.
- Maintain accurate records to comply with company and customer record retention requirements.

Position Criteria

- Detailed knowledge of aerospace product, manufacturing processes and inspection techniques.
- Detailed knowledge of the latest ANSI Geometric Dimensioning and Tolerancing (GD&T) specifications per ASME Y14.5M.
- Knowledge of machining, assembly & test operations, gauging, SPC, and APQP.
- Experienced knowledge of AS9100 Quality System and product/process auditing techniques.
- Detailed knowledge of AS9102 First Article and AS9103 Key Characteristic requirements.
- Detailed knowledge of problem-solving techniques - Root Cause Analysis, 8D Corrective Action Process, and FMEA.
- Ability to manage multiple projects/activities.
- Detail oriented.
- Excellent oral and written communication and interpersonal skills.
- Bachelor Degree in Mechanical or Aerospace Engineering from an accredited school
- Three years of experience in a quality position
- This position requires use of information or access to hardware which is subject to the International Traffic in Arms

Basic Qualifications (Including Educational Requirements)

- Bachelor Degree in Mechanical or Aerospace Engineering from an accredited school
- Three years of experience in a quality position
- This position requires use of information or access to hardware which is subject to the International Traffic in Arms Regulations (ITAR). All applicants must be U.S. persons within the meaning of ITAR. ITAR defines a U.S. person as a U.S. Citizen, U.S. Permanent Resident (i.e. 'Green Card Holder'), Political Asylee, or Refugee.

Relocation assistance is not available for this position. Only candidates within a 50 miles radius of Euclid, Ohio will be considered.

Preferred Requirements include:

- Trained in AS9100 quality system auditing
- Working knowledge in aerospace quality processes
- Experience working with sandcast aluminum.
- Working Knowledge of drawings and specifications interpretation
- Working knowledge in functional measuring equipment usage.

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