

# Amphenol

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Amphenol Canada Corp. an ISO 9001 Company is a subsidiary of Amphenol Corporation of Wallingford, CT. and is exclusively dedicated to the development, manufacturing and marketing of filter connector systems for both the aerospace and commercial market segments.

**Title:** Process/Manufacturing Engineer

**Reporting to:** Manager - Process Engineering

**GENERAL DESCRIPTION:** Trouble shooting, analyzing, and improving production processes in support of Operations. The top priorities of this position will be to support operations in delivering quality products on time and to the customer's requirements. Will require to learn and understand the design, manufacture, processes and test requirements of electrical connectors. The candidate will be responsible for design of process to customer requirements, designing of tooling and assembly fixtures. The Engineer will also be responsible to identify and propose cost savings, solve and quickly respond to process & quality issues, implementing and developing manufacturing and assembly processes, development and implementation of equipment, tools and fixtures. The ideal candidate will be able to work effectively with the other departments and possess good verbal and written English skills. The candidate must present themselves in a professional fashion to our customers. Performance will be measure by ability to work with others as required, making powerful offers, managing commitments including timely project completion and project results and annual cost savings.

## **Roles & Responsibilities:**

- Trouble shooting production issues and implementing effective solutions.
- Conduct industrial engineering studies related to time & motion, manpower efficiencies, production rates, job simplifications, workstations & equipment, material handling techniques, material flow, production processes, product and equipment, designs, and standards.
- Implementation of a product manufacturing requirements: Processing, tooling, spec and production equipment
- Establish and monitor procedures, methods, projects, policies and programs designed to promote manufacturing efficiency.
- Responsible for keeping process and fixtures up to date.
- Initiate, investigate and participate in corrective and preventative action plans to address product, process and system non-conformances.
- Documenting, controlling and assuring product and process quality
- Manage new product launch into production. This involves calling on appropriate resources at the appropriate time and ensuring development schedule is met.
- Analyze fabrication and assembly processes and identify opportunities for improvement across part manufacturing activities.
- Develop and implement improvement initiatives using continuous improvement tools & techniques, working closely with diverse stakeholder groups.
- Various lean manufacturing and other cost reduction initiatives.
- Suggesting redesign of existing products (when applicable) to meet new specifications and cost targets.
- Identify and implement cost reductions.
- Implement cycle time reduction projects.
- Disposition of non-conforming materials and failure analysis.
- Conduct root cause analysis to determine metrics, troubleshoot manufacturing/ business and assembly issues, material flow, project plans, production capacity, facility design and create process documentation.
- Support for Design Engineering and Marketing for new product inquiries.
- Assist Disposition of Returned Material Requests (RMR) and Corrective Action Requests (CAR).
- Works closely with engineering team and production.
- Provide technical support to multi-levels of employees, while working in a team environment.
- Other related duties as required.

## **ASPECTS OF POSITION:**

- Variety of tasks.
- Exposure to assembly, tool design and process.
- Ability to work alone or with others when needed
- Results driven with on time delivery
- Multi-tasking and time management skills
- Creativity
- Heavy workload.
- High-pressured position requiring a high level of productivity.

## **REQUIREMENTS:**

### **General:**

1. Adhere to all relevant Health and Safety Rules, procedures, instructions and controls so that Amphenol provides a safe, world class, secure and environmentally responsible service to customers, the public and its own people.
2. Demonstrates commitment to 5S practices.
3. Maintain good working relationships with others.
4. Strive for continuous improvement in all aspects of the work environment; this includes active participation in Amphenol's Corrective Action Board forums, project teams and relevant job training.
5. Commit to your self-development goals as discussed with your supervisor and attend all company-sponsored training.
6. AS9100 or ISO9001 exposure.
7. Results driven - Able to work through obstacles to get commitments finished on time

### **Must Have:**

- B.A.Sc. Mech or equivalent
- 5+ years of experience in similar role
- Manufacturing Experience
- Working experience in 2D/3D CAD system, - Solidworks
- Effective trouble shooting and problem solving skills
- Extensive knowledge of Tool/Fixture design for assembly.
- Lean Manufacturing experience
- Excellent communication skills
- Ability to make powerful offers and manage commitments
- Ability to work under pressure in a fast-paced environment
- Experienced with managing multiple projects and meeting deadlines

### **Important factors that impact performance**

- Aptitude/capacity to learn
- Attitude & beliefs
- Self-motivation

### **Desired to have:**

- Project management skills
- Failure mode analysis (FMEA)
- Problem solving and quality improvement skills (FMEA, 8D and DOE)
- Experience in application of 5 Why analysis
- Lean Manufacturing experience
- Connector experience
- Military specification familiarity (MIL-STD)
- Green or Black Six Sigma belt

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Amphenol Canada is committed to developing inclusive, barrier-free selection processes and work environments. If contacted in relation to a job opportunity you should advise Amphenol, in a timely fashion, of the accommodation measures which must be taken to enable you to be assessed in a fair and equitable manner. Information received relating to accommodation measures will be addressed confidentially.