



Manufacturing Engineer

Last reviewed: February 2024

Reporting to: Production Manager

Brief Description / Purpose of the function:

This role is responsible for technical support of manufacturing sustaining products as well as new product launches. The role also supports the operations team as a front-line engineer working with assemblers and troubleshooting equipment and process issues. Additionally, this position will manage projects aimed towards designing and developing manufacturing processes, tooling, and fixtures to meet daily production schedules while enhancing productivity and product quality.

Main areas of responsibility are as follows, but are not limited to:

- Individuals in this role will work on manufacturing momentum products as well as new product launches.
- Support the operations team as a front-line engineer working with assemblers and operators and troubleshooting equipment and process issues
- Manage projects focused on designing and developing manufacturing processes, tooling, and fixtures to meet daily production schedules while enhancing productivity and product quality
- Engage with cross-functional business team to meet daily production schedules and lead improvement strategies and initiatives
- Manage projects which include new production equipment, process improvements and cost reductions while supporting new product introductions
- Provide technical mentorship and share new learnings across the manufacturing team
- Conduct Process FMEAs and Process Validations
- Improve product quality, labour efficiency, and throughput utilising Lean manufacturing concepts
- Coordinate the design, procurement, build and debug of tooling, machinery and test equipment
- Work with Product Development to ensure Design for Manufacturability, support DVT and Pre-Production phases, lead new product introduction into manufacturing processes.
- Develop and maintain a vibrant 5S Factory System,
- Maintain good housekeeping, a healthy and safe work environment and the safe use of equipment and machinery
- Be innovative, resourceful, and work with minimal direction
- Have ability to multitask, prioritise work and make data driven decisions
- Work effectively with cross-functional teams

Hours 39 per week, Monday to Thursday 07:30am to 16:30, Friday 07:30am to 12:30pm.
The company reserves the right to alter start and finish times, according to the needs of the business.

Location Llandygai Industrial Estate, Bangor.

Job Type Full Time, Permanent

All employees are expected to undertake any tasks as reasonably requested by management.

All employees are expected to maintain a professional image in standard of dress and conduct at all times when representing the Company.

It is the responsibility of all employees to comply with the policies and procedures of International Safety Components Ltd.

Person Specification

Criteria	Essential
Qualifications	<ul style="list-style-type: none">• BSc or HNC in an engineering/technical discipline, or equivalent relevant experience
Experience	<ul style="list-style-type: none">• Previous Manufacturing Engineering work• Lean Manufacturing / 5S Systems• Structured Problem Solving• Data analysis
Knowledge & Skills	<ul style="list-style-type: none">• An excellent understanding of materials, mechanics and production manufacturing processes (forging, CNC machining, presswork and assembly)• Highly literate and numerate, able to investigate problems and analyse data• Advanced Microsoft Excel skills• Working knowledge of ERP systems (Preference: Epicor)• Well organised, ability to prioritise workload and deliver to commitments• Strong analytical and problem-solving skills.• Excellent communication skills (written and verbal)• Lean Manufacturing concepts
Personal Qualities	<ul style="list-style-type: none">• Self-motivated and able to lead initiatives• Ability to work to tight deadlines• Ability to communicate at all levels of an organization• Flexibility to support team needs as situations arise and when extra hours may be required• High attention to detail• Structured approach to problem solving and improving processes• Driven to achieve results• Positive “can do” attitude• Strong inter-personal skills / great team player