MANUFACTURING ENGINEER

Posting ID: EM2030752F

Company: IMI Precision Engineering

Position Type: Full-Time

College Major(s): Mechanical Engineering (ME)

Company Website: https://www.imi-precision.com/us/en

Work Location: Las Vegas, NV

Salary:

College Level(s): Undergraduate-Senior, Graduate Student, PhD. Student, Alumni

OVERVIEW

IMI Precision Engineering is a world leader in motion and fluid control technologies. Wherever precision, speed and engineering reliability are essential, we deliver exceptional solutions which improve the productivity and efficiency of our customers’ equipment.

Part of IMI plc, we have a sales and service network in 75 countries, as well as manufacturing capability in the USA, Germany, China, UK, Switzerland, Czech Republic, Mexico and Brazil. We support this with our global centers of technical excellence, and facilities for CFD design and R&D testing.

Roles and Responsibilities

We are seeking a professional who is passionate about Medical Solutions & Improvement to join our team in the role of Manufacturing Engineer!

The Manufacturing Engineer determines the most efficient methods to manufacture and assemble products and components; this includes designing and/or improving machinery, fixtures, tooling, and test equipment as well as preparing process documents. This position interacts frequently with other departments and outside vendors, regarding the purchase of machinery and tooling.

Responsibilities

Streamline processes and line layouts to improve efficiency and throughput.

Consult with design engineering to assist with the development of new products and make recommendations regarding material and labor needs.

Develop design for manufacturing (DFM), design for assembly (DFA), and Failure Mode Effects Analysis (FMEA) documentation.

Generate/edit work instructions for the manufacturing processes in support of the Engineering
Change Order process.

Drive and participate in the implementation of Lean principles, including but not limited to Total Productive Maintenance (TPM), Single Minute Exchange of Dies (SMED), 5S, and root cause analysis.

Other duties as assigned by management

**Education and Qualifications**
To perform this job successfully, an individual must be able to perform each essential duty satisfactorily. The requirements listed below are representative of the knowledge, skill, and/or ability required. Reasonable accommodations may be made to enable individuals with disabilities to perform the essential functions.

**Education/Experience**

Bachelor's degree (B.S.) from four-year college or university in Industrial or Mechanical Engineering, or related fields; and a minimum of 3 years of related work experience; or an advanced degree with a minimum of 1 year of related work experience.

Strong background in Lean methodologies and experience in implementing improvements in an assembly or machining environment.

Strong troubleshooting skills and be up to date with technologies used in assembly, testing and machining.

Background in CNC machining, machine tools, material handling systems, and industrial production equipment preferred.

Basic knowledge of electrical, electronics and programming preferred.

Ability to analyze part tolerance requirements and match them to process capability. Familiar and able to apply GD&T concepts.

Experience and exposure to CAD/CAM tools (SolidWorks preferred).

Dynamic, self-starter team player with excellent communication skills.

**How to Apply**
[https://imi-precision.jobs/las-vegas-nv/manufacturing-engineer/8F14792FCDE04DBA81C41C3A2D437D51/job](https://imi-precision.jobs/las-vegas-nv/manufacturing-engineer/8F14792FCDE04DBA81C41C3A2D437D51/job)