

Magna—Jr. Manufacturing Engineer, Contract

Apply Online

Group

Magna Powertrain

Division

Precision Technologies

State/Province/County

Ontario

City

Mississauga

Job Type

Fixed-term Contract

Major Responsibilities

Duties and Responsibilities:

Working closely with all departments, the Jr. Manufacturing Engineer will take ownership of projects from “Cradle to Grave” under the guidance of Mfg. Engineers / Mfg. Engineering Manager. Jr. Manufacturing Engineer will have responsibility for certain production lines as well as individual projects.

- ♣ Report to the Manufacturing Engineering Manager
- ♣ Develop and update schedules to track project status while ensuring equipment installations comply all safety standards and PHSR requirements
- ♣ Identify and implement countermeasures for equipment cycle time or reliability problems
- ♣ Supervise and coordinate contractors during equipment modifications and installations
- ♣ Coordinate “run-offs” at equipment vendors against “acceptance Criteria” as specified in the Technical Specifications for purchase
- ♣ Follow the build/purchase of machining / assembly equipment and fixtures from purchase order to PPAP and into production. Fundamentally responsible for successful launch of manufacturing processes on the shop floor
- ♣ Lead/participate in the review of process FMEAs with the support of the Plant Area Process and Production Manager/ Supervisors. Administer the Process FMEAs and ensure that they are routinely updated.
- ♣ Support the Launch Team in the development of process FMEA and prototype builds.
- ♣ Support in the development of Process Control Plans and Process Flow Charts
- ♣ Lead in the development of QS/TS document creation (JES, Standardized Work, etc.)
- ♣ Provide manufacturing engineering support to his/her assigned area within the Company as required by each department during and after program launch.
- ♣ Maintain proper filing system to ensure all information are properly stored and easily retrieved.
- ♣ Follows and enforces the guidelines and rules as defined in the Employee Handbook and Company policies.
- ♣ It is your responsibility, according to OSHA Section 28, Subsection (1) (a), (b), (c), and (d); a worker shall:
 - o Work in compliance with the provisions of the Act and the regulations;
 - o Use or wear the equipment, protective devices or clothing that his employer requires to be used or worn;
 - o Report to his or her employer or supervisor the absence of or defect in any equipment or protective device of which the worker is aware and which may endanger himself, herself or another worker;
 - o Report to his or her employer or supervisor any contravention of the Act or the regulations or the

existence of any hazard of which he or she knows; and
o Shall not remove or make ineffective any protective device.
♣ Other duties and responsibilities as business demands.

ORGANIZATIONAL RELATIONSHIP

Reports to the Manufacturing Engineering Manager and is accountable to him/her for the effective discharge of his/her responsibilities.

Knowledge and Education

Minimum Qualifications:

- ♣ Bachelor Degree in Engineering or;
- ♣ 3 years post-secondary school education, preferably in Mechanical, Industrial, or Metallurgical Technology / Engineering.
- ♣ Practical experience in metal forming, such as die casting, CNC machining (Milling, Turning, Grinding), fixture design, cutting tool technology, and mass flow/pressure decay leak testing [automotive environment preferably]
- ♣ Experience in automotive environment considered an asset
- ♣ Computer literacy in Microsoft Word, Excel, PowerPoint, and Outlook
- ♣ Must be able to communicate fluently in both written and spoken English
- ♣ Must be able to relate / communicate well with people at all levels
- ♣ Blueprint Reading, Basic Measuring Techniques, Working Knowledge with CAD (preferably AutoCAD or SolidWorks)
- ♣ Must be able to communicate fluently in both written and spoken English
- ♣ Must be able to relate / communicate well with people at all levels