Development Engineering Technician-Dimensional

Location: Haley Station, ON, CA, K0J 1Y0

Company: Magellan

Magellan Aerospace is a global, integrated aerospace company that provides complex assemblies and systems solutions to aircraft and engine manufacturers, and defence and space agencies worldwide. At Magellan we have over 80 years of collective knowledge and experience in the aerospace industry, and believe one truth: People create value.

Employees are our greatest resource in working towards a successful future, and together we build professional relationships that thrive. We know that personal development is fundamental to the success of every individual and invest in our employees.

When you are part of Magellan, you are part of the team!

Magellan Aerospace Haley division is nestled in the Ottawa Valley one hour north of the Capital, Ottawa, Ontario Haley Ontario - Bing Maps. We live in an Outdoor playground where there is no shortage of FUN for the Outdoor Enthusiast such as hiking, kayaking, canoeing, snowshoeing, skiing, snowmobiling, beaches and world class whitewater. The Ottawa Valley is truly an amazing area to live and enjoy nature!

Why Magellan?

Does working with a Team in an environment where you contribute to the successes of an organization entice you? Magellan Aerospace Haley Division is looking for new talent to join our growing team here in the Ottawa Valley.

What we offer

- Attractive Benefits package including Long Term and Short-Term Disability, Dental, Vision and Drug Coverage
- Company Pension Plan
- Positive Work-Life Balance
- Opportunities for Professional Growth
- Employee Assistance Program

Position Overview

The Development Engineering Technician supports new product development, process optimization, and technical troubleshooting within the sand-casting foundry. This role collaborates closely with engineering, tooling, and production teams to ensure castings meet dimensional, metallurgical, and quality standards.

Compensation: $ 65, 000 to $75,000 per year.
Vacancy Reason: Replacement Full-time Permanent

Key Responsibilities

- **Support tooling design and revisions** in collaboration with patternmakers and engineers.
- **Conduct process trials** for new or modified castings, documenting results and recommending improvements.
- **Perform dimensional inspections** using CMM, calipers, gauges, and other measurement tools.
- **Analyze casting defects** and assist in root-cause investigations.
- **Prepare technical reports** summarizing findings, test results, and corrective actions.
- **Maintain process documentation** including work instructions, development logs, and quality records.
- **Support continuous improvement initiatives** related to yield, scrap reduction, and process stability.

Education Requirements:

- College diploma in **Manufacturing Engineering Technician/Technologist** or related field
- Minimum **2 years**' experience in manufacturing, aerospace, or foundry operations

Experience, Knowledge and Skills Required:

- Strong understanding of manufacturing processes and quality tools
- Experience in metal casting (sand casting preferred).
- Proficiency with CAD software (SolidWorks, AutoCAD, or similar).
- Experience with Process Failure Mode and Effects Analysis (PFMEA), Control Plans, and basic defect analysis
- Proficiency with MS Office or equivalent
- Ability to interpret engineering drawings and specifications
- Strong communication, problem-solving, and teamwork skills
- Works independently with minimal supervision
- Maintains professionalism, accountability, and integrity
- Comfortable in both office and plant-floor environments
- Able to manage multiple priorities in a dynamic setting

Security Requirements:

- We conduct a criminal Record Check on all new hires
- We conduct a Government Controlled Goods Program (CGP) Check on all new hires; must be able to give 3 references to help verify your identity

Work Conditions:

- Standard hours: **7:00 a.m. to 3:30 p.m., Monday to Friday**, with occasional overtime as required.
- Potential for future afternoon-shift coverage based on business needs.
- CSA-approved footwear, safety glasses, ear protection, and other PPE required.

Magellan Aerospace is committed to an inclusive working environment and equal opportunities for all. We welcome all applications without regard to social and cultural background, age, gender, disability, sexual orientation, national origin or religious belief, status as a protected veteran, or any other characteristic protected by applicable federal, state/province, or local law.

If you require an accommodation during the recruitment/interview process (including alternate formats of materials, or accessible meeting rooms or other accommodation), please let your Human Resources point of contact know and we will work with you, to the best of our ability to meet your needs.

Magellan Aerospace respects the privacy and confidentiality of personal information provided by candidates and shall not disclose to any external parties unless legislated.

Magellan may use an approved Artificial Intelligence (AI) note-taking tool to support the initial screening stage of its recruitment and selection process. All AI use is performed in accordance with Magellan's privacy policies and applicable laws, including but not limited to equal employment opportunity laws. Personal information associated with any job application will not be shared with or retained by any third party. The AI note-taking tool does not in any way assess or evaluate a candidate in relation to the hiring process and is simply an administrative tool used by Magellan. Magellan retains the ultimate discretion to determine which applications proceeds through the initial screening process. If the applicant has questions or concerns about Magellan Aerospace's AI note-taking tool, or wishes to opt out of its use, the applicant should notify Magellan Aerospace directly at any time during the recruitment or screening process