

Product Engineer, Research & Development (2 positions)

Posted: 11/03/16

Job Type: Full Time

Location: Ottawa

Reporting to the Senior Manager, Applied Research, the Product Engineer is responsible for research and technical projects by application of expertise, knowledge, creativity, and innovative problem-solving strategies. The employee is accountable for research and development of new product technologies with responsibilities including developing, planning, conducting, and evaluating new experimental approaches, while monitoring and mitigating risks to meet project objectives faster and more efficiently, ultimately to support successful product launches. The incumbent will work in concert with Operations, Manufacturing Engineering, Sales and Marketing to ensure that new technologies or products are developed and transitioned smoothly to Operations, integrated into product plans, delivered on-time, and are robust and cost-effective.

The successful candidate is creative, hands-on, customer-focused with excellent technical abilities, sound interpersonal skills and a natural team player.

Essential Duties and Responsibilities:

- Leads product research and development projects, provides clarity on priorities and objectives and establishes regular tracking and reporting to ensure milestones, key performance indicators and deliverables are met
- Conducts hands-on prototype design and fabrication, followed by lab- and production-scale testing to deliver new products while mitigating risk and accelerating speed-to-market
- Maintains strong relationships with internal and external stakeholders and communicates regularly with project stakeholders, including Operations, Sales and Marketing, as well as external resources.
- Establishes work methods to support the seamless transfer of knowledge to stakeholders and tracks research projects in terms of technical, fiscal and resource management.
- Identify and keep abreast of novel technical concepts in minting and other markets
- Ensures consistent adherence of health & safety and security policies of the Royal Canadian Mint

Requirements:

- Bachelor's degree or higher in Chemical, Mechanical or Materials/Metallurgical Engineering
- Professional Engineer or eligible for professional designation
- Minimum 5 years experience in a manufacturing environment preferably in R&D or engineering
- Prior exposure to ISO environments and work experience in Lean Manufacturing / Lean Enterprise environment is an asset
- Possesses thorough knowledge of general principles and theories in chemical, mechanical or metallurgical engineering and can contribute significantly to applying solutions to manufacturing issues
- Problem identification and problem solving using an experimental and scientific approach is required
- Knowledge and experience using FMEA, DOE, and SPC is an asset
- Solid knowledge of MS Project, Excel and Word software
- Aptitude and ability to understand complex materials and mechanical design problems, equipment and processes; manufacturing process experience is an asset
- Possess the following personal qualities: hands-on, strong organizational skills, creativity, autonomy, flexibility, effective communication skills, initiative, pro-active and open to receiving and making suggestions
- Positive, can-do attitude with a keen sense of execution, and strong project management, analytical and problem solving skills
- Ability to lead, influence and engage a team while managing competing priorities
- Bilingual (English and French) an asset

If you qualify for the mandatory requirements, and if the above describes your abilities and interests, please forward your resumé and cover letter in confidence to:

Royal Canadian Mint, Human Resources,
320 Sussex Drive, Ottawa, Ontario, K1A 0G8
Fax : (613) 998-0272
e-mail : careers@mint.ca

While we appreciate all applications, only those selected for interview will be contacted.

The Royal Canadian Mint promotes equity in employment: As an equal opportunity employer, we welcome applications from women, aboriginal peoples, persons with disabilities and members of visible minorities.