

## **INTERMEDIATE PROCESS ENGINEER**

(Production Optimization – Process & Equipment Design – Project Management)

### **CANDIDATE INFORMATION BRIEF**

#### **Business Context**

HFI has a history stretching back 147 years – originally a manufacturer of fireworks, and we are now totally focused on being the Centre of Excellence for Defence and Security Pyrotechnics. We are the new, 5<sup>th</sup> member of Canada's Munitions Supply Program, and we have a growing range of products, and services and customers from around the world. HFI is on the ascent and we are looking for an Intermediate Process Engineer to help us expand, and modernize, our production systems.

#### **Your Challenge**

As part of HFI's Process Engineering, QA & Innovation team, you will play a key role in supporting the quality of our products, the continuous improvement of our production systems and the modernization of our operations. You will also lead and manage the projects required to support our capacity growth and product line expansion.

We are constantly looking for more efficient production methods while being laser-focused on safety, quality and reliability. The role will require you to work with the Process Engineering, QA and Innovation resources, suppliers and customers, site leadership and production team members. You will support and monitor existing production processes and equipment's health and identify, suggest, and implement improvements. Previous process engineering experience and familiarity with lean methods such as 5S standards, problem-solving, continuous improvement and change-over optimization would be helpful.

Understanding the issues from the operators' perspectives will be essential, so you will need to enjoy working with and helping people. But, you'll always need to take the systemic view; improvements and changes must be part of a longer-term continuous improvement roadmap – a road map that you will have been instrumental in developing.

We produce a niche product in a highly controlled safety and quality environment. And so, you will need to be exceedingly innovative and discerning in identifying and implementing suitable solutions. Your engineering experience should include experience with batch mixing, mechanical equipment and manufacturing production systems. There will be plenty of opportunities to apply your expertise and knowledge to improve and lead projects for new processes and products you help develop.

## Meeting Your Challenge

To meet your challenge, your experience will probably include:

- 2+ years experience in production environment that has involved process engineering
- Demonstrated loss analysis, risk assessment and problem-solving skills
- Demonstrated ability to work under your initiative, knowing when to seek assistance, and the drive to find solutions
- Familiarity with lean and continuous improvement, and experience of problem elicitation and solution through brainstorming and Kaizen events etc.
- Experience with project management and developing improvement plans.
- Mechanical skills and experience are an asset
- Eliciting and communicating complex information to personnel at all levels of the organization.

## Career Development

As our Intermediate Process Engineer, we hope you will find a professional home with us and a rewarding long-term career. We are committed to our staff's professional and personal development. While not essential for this role, we will support you in the achievement of your P. Eng certification, as well as any other training or certification you need.

## Application

If, after reading the above, you feel inspired and fully believe that you can contribute significantly to our future success, we would very much like to hear from you.

Please apply by e-mail to: [careers@HFIPyrotechnics.com](mailto:careers@HFIPyrotechnics.com)

E-mail Subject heading should be: **ProcessEng - Your Name**

As part of your application, please attach:

1. A cover letter. Yes, we absolutely will read it. Your letter should address: Why you may be an ideal candidate, i.e. you know you can meet 'your challenge.'
2. A full chronological resume (no functional resumes, please).

We will confirm receipt of all applications; we will contact only those we select for the interview.

Thank you for considering a career with HFI Pyrotechnics Inc.

### **HFI Pyrotechnics**

3322 Hands Road, R.R. #4, Prescott, ON K0E 1T0

<https://www.hfipyrotechnics.ca>