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## **Manufacturing Engineer – IBC® Canada (Burnaby)**

### **About Us**

IBC Technologies Inc. is a leading manufacturer of high-efficiency boilers and water heaters for residential and commercial use in North America and a proud member of the Rheem Manufacturing Company family of brands. For over 25 years, IBC has been at the forefront of innovation in the heating industry.

Here at IBC, we operate on the basis of accountability, integrity, quality, openness, and teamwork. The strength of these values is apparent in our team members, who strive to live them every day. It is this culture that has allowed us to exceed customer expectations, outperform our competitors, build strong relationships and above all, have fun doing it with a lot of great people!

### **Position Title**

Manufacturing Engineer

### **Position Summary**

The Manufacturing Engineer will work closely with the engineering and production teams to optimize product manufacturability and production line efficiency.

Location: Burnaby, BC

Reporting to: Senior Director, Engineering

### **Essential Functions**

- Actively improve and drive the process, productivity, and assembly-line quality through measurement, detailed analysis, and sustaining improvement with process controls.
- Develops work instructions, drawings, tests, modifications, assembly processes, fixtures, processes or specialized manufacturing, tests equipment for existing or new products and ensures production readiness.
- Support and drive Lean Manufacturing and 5S Initiatives.
- Liaise with the engineering and production teams to develop plans that improve overall production line efficiency.
- Work with Technical Writers to develop assembly and process specifications and other engineering documents.
- Collaborate with other teams to set production budgets and plan production schedules.
- Ensure resolution of failure on assembly lines as they arise.
- Creating, implementing and managing a proactive preventative maintenance plan for IBC assembly lines, including but not limited to regular servicing and uptime line maintenance.
- Manage scheduled gas leak tests and calibration.
- Ensure gas analyzers and related mechanical infrastructures operate without fault.
- Provide work leadership to mechanical engineers, assemblers and maintenance staff.
- Performs other duties as assigned.

### **Qualifications**

Education:

- Post-Secondary Degree in Mechanical, Manufacturing Engineering.

Work Experience:

- Previous experience in improving product manufacturability and production line optimization.
  - Previous experience developing and managing preventative maintenance schedules for production lines.
  - Previous experience in the application and utilization of statistical analysis tools.
  - Previous experience in automation and automation testing.
- Previous experience working with gas, piping and plumbing is an asset.

Knowledge, Skills, & Abilities:

- A subject area expert in Lean Manufacturing principles.
- Working knowledge of gas analyzers and related mechanical infrastructures.
- Working knowledge of Python.
- Working knowledge of statistical analysis tools.
- Proficient in 2D and 3D model design using SOLIDWORKS.
- Ability to manage continuous improvement projects in a manufacturing production setting.
- Ability to carry out data analysis and reporting.
- Ability to conduct root cause analysis, propose and implement countermeasures.
- Ability to work with various stakeholders in a cross-functional manner.
- Ability to provide work leadership to the production line.
- Self-motivated and hands-on.
- Detail-oriented and able to manage multiple tasks.

**Apply**

We want to hear from you if you think there is a fit! To apply, please email your application to [ibc.hr@ibcboiler.com](mailto:ibc.hr@ibcboiler.com) with the job title in the subject line.