

## **Job Description**

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**Company** - Stelco <https://www.stelco.com>

**Steelmaking – Refractory Specialist**

**Location – Nanticoke, ON**

**Job Type – Full Time**

### **Primary Purpose of Position**

Maintain and enhance the refractories applications within the Steelmaking facility and other areas in the Plant. Work closely with Operations to improve refractories performance and ensure good practice in their use.

### **Reports To**

Manager Steelmaking Technology

### **Key Tasks & Responsibilities**

- Administer the company safety program to ensure a safe work environment within the Operating facility.
- Promote safety by various means (safety contacts, safety tours, incident investigations and follow-up, MSDS and JSA review, equipment condition, etc.) and leads by example.
- Ensure adherence to all environmental control procedures and relevant codes and standards
- Application of technical principles to evaluate and resolve issues with existing refractories and extend their service life.
- Establish effective record keeping and production/cost tracking for refractory applications.
- Identify key performance indicators and reliability metrics and ensure they are maintained, monitored and reported to show progress of activities.
- Strong ability to collect and analyze data and utilize it to make recommendations and to demonstrate improvements.
- Establish performance goals and objectives with the Manager of Steelmaking Technology.
- Work with Refractory suppliers and contractors to maximize value (cost/ton) to the Operation and identify new products/applications for continuous cost improvement.

- Inspect vessels, ladles, tundishes, reheat furnaces and other mill equipment to verify condition and quality of workmanship. Must have solid knowledge of refractory installation techniques.
- Coordinate monthly refractories performance reviews and provide updates on ongoing trials.

### **Education/Experience/Qualifications**

- College Diploma/University Degree in Ceramic Engineering Technology or Materials Science
- 3-5 years Steelmaking/Refractory related maintenance experience.
- Professional Engineering license is an asset.

### **Job Skills and Knowledge**

- Sound knowledge of types and structure of refractories/ceramics and their application and installation.
- Strong oral and written communication skills.
- Good interpersonal and leadership skills.
- Good problem solving and data analysis skills.
- Ability and desire to work in a shop floor environment – this is a very ‘hands-on’ position.
- Strong computer skills.
- An enthusiastic approach and ability to learn quickly and assume responsibility.
- As a manager/supervisor of the company, qualified candidates for this role also must demonstrate the ability to manage change, communicate effectively, and lead high-performance teams.

*In accordance with the Ontario Human Rights Code and the Accessibility for Ontarians with Disabilities Act, Stelco is an equal opportunity employer who is committed to providing an inclusive and barrier free recruitment and selection process. Applicants should advise Human Resources if they require any type of accommodation during the recruitment process.*

To apply email: [tracy.mills@stelco.com](mailto:tracy.mills@stelco.com)