

Tom Thompson

📍 Hamilton, On ✉ thomas.thompson4@mohawkcollege.ca ☎ (289) 308-7070

SUMMARY

Motivated and detail-oriented individual pursuing a Red Seal Industrial Mechanic (Millwright) certification. Combining hands-on steelmaking and mechanical experience with strong problem-solving skills, technical knowledge, and a commitment to safety and teamwork. Seeking an entry-level co-op placement to build upon my industry background.

SKILLS

Operate basic precision measuring instruments, including vernier calipers and micrometers, to verify dimensional accuracy.

Safely operate basic hand tools and pneumatic tools for use in an industrial setting.

Create and interpret 2D drawings and 3D models using AutoCAD and Inventor; read and follow technical blueprints.

Set up and safely operate machinery such as lathes, surface grinders, drill presses and saws.

Experience in high-risk, labour intensive environments requiring strict adherence to safety protocols.

Safety conscious, committed to workplace safety standards and best practices following standard operating procedures.

Effectively work and succeed in a diverse, team orientated work setting based on standards and reliability.

Valid G-Class Ontario drivers license with clean driving record.

EDUCATION

Industrial Mechanic (Millwright) Program - 473

Mohawk College - September 2025 - 2028 • Hamilton, ON • 83.5 GPA

- Focus on mechanical systems and maintenance, hydraulics, pneumatics, machinist tools and blueprint reading.

EXPERIENCE

Team Member, Ironmaking Hot Rail

ArcelorMittal Dofasco

August 2023 - October 2025, Hamilton, ON

- Operated diesel electric locomotives transporting molten iron throughout primary manufacturing rail system.
- Coordinated with teammates to conduct job tasks, often making real-time decisions based off inventory and steelmaking shop status.
- Performed daily equipment inspections of locomotives checking oil, water, and fuel levels and ensuring all safety equipment remain operational.
- Maintained company wide safety standards and rules of operating locomotives on company property.
- Operated iron desulphurization plant, routinely troubleshooting equipment and servicing equipment related to operations.

Team Member - Steelmaking EAF Operations

ArcelorMittal Dofasco

September 2021 - August 2023

- Supported Electric Arc Furnace operations including servicing furnace tapholes, refractory inspections, sampling steel temperatures and servicing steel containment ladles.
- Trained and signed off to operate overhead 250t crane, routinely loading furnaces with scrap steel, electrode swaps and additions, and pouring molten iron into furnaces.
- Performed rigging and hoisting equipment, completed several online learning courses provided by company.
- Executed routine and unique lock-out tag-out procedures, with knowledge of lock-out box procedures.
- Experienced and knowledgeable of confined space entries. Acted as confined space entry attendant recording dates and times.

Torch Burner

TMS International Corporation

September 2019 - September 2021, Hamilton, ON

- Operated oxy-acetylene torches to cut and process scrap steel for ArcelorMittal Dofasco.
- Performed routine maintenance on equipment, servicing torch cutters and oxygen and acetylene flow lines.
- Accurately measured and calculated weights for scrap steel slabs.
- Contributed directly with Dofasco inside Slab Evaluation Yard to assist operations with cutting steel slabs and maintenance.
- Coordinated and held daily morning safety meetings, as well as assisted in monthly progress reports and concerns throughout operation.

CERTIFICATIONS

WHMIS & Safety Training

ArcelorMittal Dofasco • 2025

SCBA

ArcelorMittal Dofasco • 2025

Forklift

ArcelorMittal Dofasco • 2025

Rigging & Hoisting

ArcelorMittal Dofasco • 2025

Standard First-Aid & CPR

ArcelorMittal Dofasco • 2022