

Lucas Lewis

Millwright Apprentice

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3rd Level Millwright Apprentice with over 4500 hours on the job training and 1.5 years in a bearing shop prior to apprenticeship. Only one more school period left before being eligible to write the C of Q. Lots of exposure to both heavy industrial and manufacturing settings.

Work Experience

Millwright Apprentice level 3

King Cast Inc-Hamilton, ON

May 2025 to Present

- Working on a small team responsible for breakdowns and mechanical troubleshooting / diagnosing issues leading to repairs. In an aluminum casting facility.
- Repairs on small scale furnaces. Changing coils, crucibles, thermocouples and refractory repairs.
- Performing preventative maintenance on various equipment including CNC machines, forklifts, pump and cylinder rebuilds etc.
- TIG welding aluminum as well as MIG. Still performing SMAW when required. Lots of metal fabrication.
- Diagnosing and repairing electrical issues on site with both AC and DC up to 600 volts.
- Troubleshooting PLCs and accessories .
- Repairing small equipment such as grinders, drills, and welders.
- Ordering parts and creating a PM system from the ground up. Gained experience within a small manufacturing plant.

Millwright Apprentice Level 2

MAX AICHER (NORTH AMERICA) LTD.-Hamilton, ON

August 2021 to March 2025

- Started in the Shipping department and progressed through the company into a bearing tech for 1.5 years then into a millwright apprenticeship.
- Working on breakdown crew keeping plant running on 12 hour rotating shifts with a safety focused approach.
- Experienced in troubleshooting, new installs, and preventative maintenance.
- Reading mechanical drawings and schematics to assist with correct sizing and assembly of parts.
- Troubleshooting problems with industrial machinery, hydraulic, power transmission, pneumatic, and water treatment systems.
- Working on and operating machinery such as overhead cranes, jib cranes, drill presses, lathes, forklifts, manlifts, and many more.
- Use of many tools including calipers, verniers, SMAW and MIG welding, rigging and lifting devices, pipe threaders, power tools, pneumatic tools, and many more.

Education

433a Millwright (Level 2/ Intermediate)

Mohawk College-Hamilton, ON

August 2024 to October 2024

GED

GED Testing Centers-Mississauga, ON

May 2023 to May 2023

Certifications and Licenses

G Driver's Licence

Present

Mobile Elevated Work Platform Training

July 2025 to July 2027

Forklift Operator

June 2025 to June 2027

Working at Heights Certificate

August 2023 to August 2026