

DAVID BARBER

464 Valleyview Crescent, Milton, ON L9T 3L2 | (647) 641-4139 | dkbarber21@gmail.com

Industrial Mechanic (Millwright) — Registered Apprentice | Trade 433A

STO Client ID: 1000021650 | ~2,000 OTJ Hours Completed of 7,280 | Level 1 In-Class: Complete |
Level 2 In-Class: In Progress

APPRENTICESHIP EXPERIENCE

Total Air Compressor Services — Industrial Mechanic (Millwright) Apprentice January 2025 – Present | Mississauga, ON

Registered 433A Apprentice working under journeyman supervision on industrial air compression systems

- Performed scheduled preventive maintenance on rotary screw and reciprocating piston compressors (5–300 HP), including oil changes, air/oil/cabinet filter replacements, oil-water separator servicing, air-oil separator replacement, and oil cooler cleaning in accordance with manufacturers' specifications
- Installed, maintained, and repaired compressor dryers and coolers; performed leak tests, system purging, recharging, and pressure regulator setup in compliance with applicable codes and company procedures
- Motor work including removal, reinstallation, bearing replacement and greasing; selected and applied appropriate lubricants and greases per manufacturers' specifications
- Diagnosed mechanical and electrical faults on industrial compression systems; identified root causes and executed corrective repairs with journeyman oversight
- Laid out and installed air distribution lines through industrial plant environments; serviced filters, regulators, and separators in pneumatic systems
- Applied LOTO/de-energization procedures, PPE requirements, and WHMIS protocols consistently across all tasks; maintained clean and organized shop at all times
- Communicated directly with industrial customers during on-site service calls; assisted with equipment status reporting and troubleshooting consultation

EDUCATION & IN-CLASS APPRENTICESHIP TRAINING

George Brown College — Level 2 Industrial Mechanic (Millwright) March 2026 – Present | Toronto, ON

Currently enrolled; in-class training in progress toward Level 2 completion

Sheridan College — Level 1 Industrial Mechanic (Millwright) May – June 2025 | Brampton, ON

Level 1 in-class training successfully completed

Niagara College — Business September – December 2024 | Niagara-on-the-Lake, ON

Bishop Reding Catholic Secondary School — OSSD September 2019 – June 2023 | Milton, ON

Ontario Secondary School Diploma | Business Certificate awarded June 2023 for excellence across 5+ business courses

CERTIFICATIONS & LICENCES

WHMIS Training July 2023

Asbestos Awareness in the Workplace July 2023

Respect in the Workplace October 2023

Ontario G Class Driver's License October 2022

ADDITIONAL WORK EXPERIENCE

Canadian Tire — Sports Department Employee July 2022 – December 2024 | Milton, ON

- Entrusted with secure handling and transfer of restricted products (ammunition/firearms) in compliance with store policy and provincial regulations
- Maintained store organization and inventory standards; delivered consistent customer service in a high-volume retail environment

John's No Frills — Meat Department December 2021 – July 2022 | Milton, ON

- Maintained meat, deli, and frozen product inventory; upheld a clean and safe work environment for staff and customers

TRADE SKILLS PORTFOLIO

The following skill sets from the 433A Apprenticeship Training Standard have been practiced and/or signed off under journeyperson supervision at Total Air Compressor Services:

<ul style="list-style-type: none"> • U4600 — Protect Self and Others (LOTO, PPE, confined space, fire prevention) 	<ul style="list-style-type: none"> • U4607 — Apply Lubricants (oil/grease selection, lubrication systems)
<ul style="list-style-type: none"> • U4601 — Communicate (technical reporting, customer, and co-worker liaison) 	<ul style="list-style-type: none"> • U4611 — Install and Maintain Compressors (rotary, reciprocating, dryers, coolers, separators)
<ul style="list-style-type: none"> • U4603 — Use Hand and Power Tools (fastening, cutting, measuring, portable power) 	<ul style="list-style-type: none"> • U4615 — Install and Maintain Bearings, Seals, and Packing
<ul style="list-style-type: none"> • U4606 — Use Materials and Fasteners (ferrous/non-ferrous, thread systems, fastening devices) 	<ul style="list-style-type: none"> • U4617 — Install and Maintain Fluid Power Systems (pneumatic: air lines, filters, regulators)
<ul style="list-style-type: none"> • U4602 — Use Drawings and Schematics (engineering drawings, manufacturers' manuals) 	<ul style="list-style-type: none"> • U4618 — Perform Preventive and Predictive Maintenance

INTERESTS & ACTIVITIES

Hockey — Active adult league player; OMHA Champion (March 2018, March 2019) and OHF Finalist (May 2018)

Golf — Competed for Bishop Reding and Niagara College golf teams; 3rd place team finish with individual 2nd-place scores out of all student participants

REFERENCES

Available upon request