

**OCCUPATION
HIGHLIGHTS**

#1 OCCUPATION IN THE
MANUFACTURING
SECTOR
(17% of all jobs in the sector)

Number of jobs 2017
833

CHANGE IN # OF JOBS
2016 - 2017
↑ 2%

Median Earnings (2017)
\$31.36/hr

Earnings Range (2017)
\$24.45/hr → \$36.08/hr

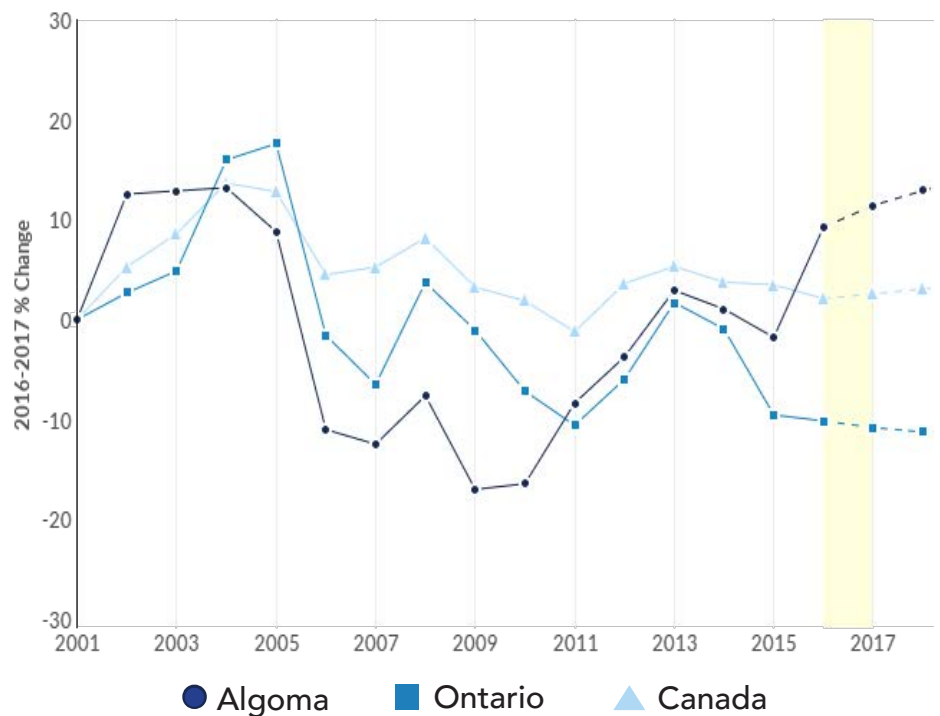
Aging Workforce
69% Over the age of 45

Gender

1% Female 99% Male

**CONSTRUCTION MILLWRIGHT
AND INDUSTRIAL MECHANICS
NOC 7311**
**Construction Millwright and Industrial
Mechanics**

Construction millwrights and industrial mechanics install, maintain, troubleshoot and repair stationary industrial machinery and mechanical equipment. Construction millwrights are employed by millwrighting contractors. Industrial mechanics are employed in manufacturing plants, utilities and other industrial establishments.

Employment Trends


REGION	2016 JOBS	2017 JOBS	CHANGE	% CHANGE 2016 - 2017	MEDIAN HOURLY EARNINGS
Algoma	816	833	17	2%	\$31.36
Ontario	33,014	33,768	-246	-1%	\$29.50
Canada	81,677	82,047	370	1%	\$29.76

Job Titles

- Construction millwright
- Industrial mechanic
- Maintenance millwright
- Plant equipment mechanic

INDUSTRIES OF EMPLOYMENT	
IRON AND STEEL MILLS AND FERRO-ALLOY MANUFACTURING	51%
VENEER, PLYWOOD AND ENGINEERED WOOD PRODUCT MANUFACTURING	5%
NON-FERROUS METAL PRODUCTION AND PROCESSING	5%
STEEL PRODUCT MANUFACTURING FROM PURCHASED STEEL	4%
BUILDING EQUIPMENT CONTRACTORS	3%

What Are The Typical Job Duties?

- Construction millwrights and industrial mechanics perform some or all of the following duties:
- Read blueprints, diagrams and schematic drawings to determine work procedures
- Install, align, dismantle and move stationary industrial machinery and mechanical equipment, such as pumps, fans, tanks, conveyors, furnaces and generators according to layout plans using hand and power tools
- Operate hoisting and lifting devices such as cranes, jacks and tractors to position machinery and parts during the installation, set-up and repair of machinery
- Inspect and examine machinery and equipment to detect and investigate irregularities and malfunctions
- Install, troubleshoot and maintain power transmission, vacuum, hydraulic and pneumatic systems, and programmable logic controls
- Adjust machinery and repair or replace defective parts
- Operate machine tools such as lathes and grinders to fabricate parts required during overhaul, maintenance or set-up of machinery
- Clean, lubricate and perform other routine maintenance work on machinery
- Construct foundations for machinery or direct other workers to construct foundations

Campus Based Courses Available In Algoma

- Mechanical Techniques - Industrial Maintenance Millwright (Sault College)
- Pre Trades & Technology (Sault College)

Construction Millwright and Industrial Mechanics In Algoma

REGION	2016 JOBS	2017 JOBS	2016 - 2017 CHANGE	2016 - 2017 % CHANGE
Sault Ste. Marie	662	677	15	2%
Blind River	58	59	1	2%
Thessalon	29	30	1	3%
Wawa	17	17	0	0%