

**TEMPORARY FOREIGN WORKER PROGRAM**  
**OCCUPATIONAL PROFILE FOR EXPEDITED LABOUR MARKET OPINIONS**

**JOURNEYMAN/WOMAN MACHINISTS**

**Section A: Occupational Profile**

**JOB DESCRIPTION:**

Machinists set up and operate a variety of machine tools to cut or grind metal, plastic or other materials to make or modify parts or products with precise dimensions. They are employed by machinery, equipment, motor vehicle, automotive parts, aircraft and other metal products manufacturing companies and by machine shops.

**MAIN DUTIES:**

Machinists perform some or all of the following duties:

- Read and interpret engineering drawings, blueprints, charts and tables or study sample parts to determine machining operation to be performed, and plan best sequence of operations
- Compute dimensions and tolerances and measure and lay out work pieces
- Set up, operate and maintain a variety of machine tools including computer numerically controlled (CNC) tools to perform precision, non-repetitive machining operations such as sawing, turning, milling, boring, planning, drilling, precision grinding and other operations
- Fit and assemble machined metal parts and subassemblies using hand and power tools
- Verify dimensions of products for accuracy and conformance to specifications using precision measuring instruments
- May set up and program machine tools for use by machining tool operators.

**EMPLOYMENT REQUIREMENTS:**

- Completion of secondary school is usually required.
- Completion of a four-year apprenticeship program  
*or*

A combination of over four years of work experience in the trade and some college or industry courses in machining is usually required to be eligible for trade certification.

- Trade certification for machinists is available, but voluntary, in all provinces and territories.
- Interprovincial trade certification (Red Seal) is also available to qualified machinists.

## PREVAILING WAGE RATES BY SUB-REGION:

### ALBERTA

Geographic Area	Wage (per hour)
Calgary/Banff/Drumheller	\$23.71
Edmonton	\$23.97
Fort-McMurray	\$28.44
St. Paul/Lloydminster	\$22.38
Grande Prairie/Slave Lake/Jasper	\$28.65
Lethbridge/Medicine Hat/Crowsnest Pass	\$22.36
Red Deer/Camrose/Wetaskiwin/Rocky/Olds	\$25.50

### BRITISH COLUMBIA

Geographic Area	Wage (per hour)
Lower Mainland Southwest	\$21.94
Northern British Columbia	\$26.28
Thompson Okanagan Kootenay	\$20.35
Vancouver Island	\$24.80

## PROVINCIAL LABOUR STANDARDS:

In **Alberta** refer to: [Alberta Employment, Immigration and Industry, Employment Standards Programs](#)

In **British Columbia** refer to: [Ministry of Labour and Citizen's Service, Employment Standards Branch](#)

## PROVINCIAL CERTIFICATION REQUIREMENTS:

In **Alberta** refer to: [Apprenticeship and Industry Training](#) (Government of Alberta)

In **British Columbia** refer to:

- [Industry Training Authority \(Machinist\)](#)

## LABOUR MARKET OPINION FACTORS:

Refer to the [Temporary Foreign Worker Program](#) website to obtain the Labour Market Opinion factors used to assess an employer's request to hire a temporary foreign worker.