

TEMPORARY FOREIGN WORKER PROGRAM

OCCUPATIONAL PROFILE FOR EXPEDITED LABOUR MARKET OPINIONS

JOURNEYMAN/WOMAN HEAVY-DUTY EQUIPMENT MECHANICS

Section A: Occupational Profile

JOB DESCRIPTION:

Heavy-duty equipment mechanics repair, troubleshoot, adjust, overhaul and maintain mobile heavy-duty equipment used in construction, transportation, forestry, mining, oil and gas, material handling, landscaping, land clearing, farming and similar activities. They are employed by companies which own and operate heavy equipment, and by heavy equipment dealers, rental and service establishments, and railway transport companies and urban transit systems.

MAIN DUTIES:

Heavy-duty equipment mechanics perform some or all of the following duties:

- Check bulldozers, cranes, graders and other heavy construction, agricultural, logging and mining equipment for proper performance and inspect equipment to detect faults and malfunctions
- Diagnose faults or malfunctions using computerized and other testing equipment to determine extent of repair required
- Adjust equipment and repair or replace defective parts, components or systems, using hand and power tools
- Test repaired equipment for proper performance and to ensure that work meets manufacturers' specifications
- Clean, lubricate and perform other routine maintenance work on equipment
- Service attachments and working tools such as harvesting and tillage equipment, blades, ploughs, winches and side booms
- May perform repair work on heavy trucks
- May attach components and adjust new farm equipment.

EMPLOYMENT REQUIREMENTS:

- Completion of secondary school is usually required.
- Completion of a three- to five-year apprenticeship program
or
A combination of over four years of work experience in the trade and

- some high school, college or industry courses in heavy equipment repair is usually required to be eligible for trade certification.
- Heavy-duty equipment mechanic trade certification is compulsory in Quebec and Alberta and available, but voluntary, in all other provinces and the territories.
 - Farm equipment mechanic trade certification is available, but voluntary, in Newfoundland and Labrador, Prince Edward Island, Nova Scotia, New Brunswick, Ontario, Manitoba, Saskatchewan, Alberta and British Columbia.
 - Interprovincial trade certification (Red Seal) is also available to qualified heavy-duty equipment technicians and farm equipment mechanics.

PREVAILING WAGE RATES BY SUB-REGION:

ALBERTA

Geographic Area	Wage (per hour)
Calgary/Banff/Drumheller	\$28.74
Edmonton	\$27.96
Fort-McMurray	\$40.24
St. Paul/Lloydminster	\$28.32
Grande Prairie/Slave Lake/Jasper	\$29.80
Lethbridge/Medicine Hat/Crowsnest Pass	\$26.64
Red Deer/Camrose/Wetaskiwin/Rocky/Olds	\$26.24

BRITISH COLUMBIA

Geographic Area	Wage (per hour)
Lower Mainland Southwest	\$21.70
Northern British Columbia	\$23.09
Thompson Okanagan Kootenay	\$21.19
Vancouver Island	\$25.41

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 \(Heavy-Duty Equipment Mechanic\)](#)

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.