

TEMPORARY FOREIGN WORKER PROGRAM

OCCUPATIONAL PROFILE FOR EXPEDITED LABOUR MARKET OPINIONS JOURNEYMAN/WOMAN CRANE OPERATOR

Section A: OCCUPATIONAL PROFILE

JOB DESCRIPTION:

Crane operators operate cranes or draglines to lift, move, position or place machinery, equipment and other large objects at construction or industrial sites, ports, railway yards, surface mines and other similar locations.

MAIN DUTIES:

Crane operators perform some or all of the following duties:

- Operate mobile and tower cranes to lift, move, position or place equipment and materials.
- Perform pre-operational inspection, and calculate crane capacities and weight to prepare for rigging and hoisting.
- Operate pile driving cranes to drive pilings into earth to provide support for buildings and other structures.
- Operate cranes equipped with dredging attachments to dredge waterways and other areas.
- Operate gantry cranes to load and unload ship cargo at port side.
- Operate locomotive cranes to move objects and materials at railway yards.
- Operate bridge or overhead cranes to lift, move and place plant machinery and materials.
- Operate offshore oil rig cranes to unload and reload supply vessels.
- Operate cranes mounted on boats or barges to lift, move and place equipment and materials.
- Operate dragline cranes to expose coal seams and ore deposits at open pit mines.
- May assemble tower cranes on site.
- Perform routine maintenance work such as cleaning and lubricating cranes.

EMPLOYMENT REQUIREMENTS:

- Completion of secondary school is usually required.
- Completion of a one- to three-year apprenticeship program - or

High school, college or industry courses in crane operating are usually required.

- Boom truck crane operator trade certification is compulsory in Alberta and available, but voluntary in British Columbia.
- Tower crane operator trade certification is compulsory in Alberta, and is available, but voluntary in British Columbia.
- Trade certification as a hoist operator (hydraulic crane) is available, but voluntary in British Columbia.
- Mobile crane operator trade certification is compulsory in Alberta and available, but voluntary in British Columbia.
- Mobile crane operators may require a provincial licence to drive mobile cranes on public roads.
- Internal company certification as a crane operator may be required by some employers.
- Operators of boom trucks, tower cranes and mobile cranes require an operators' certificate in British Columbia.
- Interprovincial trade certification (Red Seal) is also available to mobile crane operators.

PREVAILING WAGE RATES BY SUB-REGION:

ALBERTA

Geographic Area	Wage (per hour)
Calgary/Banff/Drumheller	\$25.78
Edmonton	\$29.59
Fort-McMurray	\$30.91
St. Paul/Lloydminster	\$29.33
Grande Prairie/Slave Lake/Jasper	\$32.15
Lethbridge/Medicine Hat/Crowsnest Pass	\$26.27
Red Deer/Camrose/Wetaskiwin/Rocky/Olds	\$29.89

BRITISH COLUMBIA

Geographic Area	Wage (per hour)
Lower Mainland Southwest	\$24.98
Northern British Columbia	\$25.27
Thompson Okanagan Kootenay	\$26.14
Vancouver Island	\$24.94

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 Mobile Crane Operator](#)
- [Industry Training Authority Boom Truck Operator Class A Trade](#)
- [Industry Training Authority Boom Truck Operator Class B Trade](#)
- [Industry Training Authority Hydraulic Crane Operator](#)
- [Industry Training Authority Tower Crane Operator](#)
- [WorkSafe Bulletin for Crane Operators](#)

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.