

TEMPORARY FOREIGN WORKER PROGRAM
OCCUPATIONAL PROFILE FOR EXPEDITED LABOUR MARKET OPINIONS
JOURNEYMAN/WOMAN IRONWORKERS

Section A: Occupational Profile

JOB DESCRIPTION:

Ironworkers fabricate, erect, hoist, install, repair and service structural ironwork, precast concrete, concrete reinforcing materials, curtain walls, ornamental iron and other metals used in the construction of buildings, bridges, highways, dams and other structures and equipment. They are employed by construction ironwork contractors.

MAIN DUTIES:

Ironworkers perform some or all of the following duties:

- Read blueprints and specifications to lay out work
- Unload and position steel units so each piece can be hoisted as needed
- Erect and install scaffolding, hoisting equipment and rigging
- Signal crane operator to position steel units according to blueprints
- Align and weld or bolt steel units in place
- Erect structural and architectural precast concrete components for buildings, bridges, towers and other structures
- Assemble and erect prefabricated metal structures
- Position and secure steel bars or metal mesh in concrete forms to reinforce concrete structures
- Install ornamental and other structural metalwork such as curtain walls, metal stairways, railings and power doors
- Examine structures and equipment for deterioration, defects or non-compliance with specifications
- Dismantle structures and equipment when required.

EMPLOYMENT REQUIREMENTS:

- Completion of secondary school is usually required.
- Completion of a two- to three-year apprenticeship program OR

Over three years of work experience in the trade and some high school, college or industry courses in ironworking are usually required to be eligible for trade certification.

- Trade certification is compulsory in Alberta and available, but voluntary in British Columbia.
- Interprovincial trade certification (Red Seal) is also available to qualified ironworkers.

PREVAILING WAGE RATES BY SUB-REGION:

ALBERTA

Geographic Area	Wage (per hour)
Calgary/Banff/Drumheller	\$26.70
Edmonton	\$26.61
Fort-McMurray	\$31.89
St. Paul/Lloydminster	\$31.89
Grande Prairie/Slave Lake/Jasper	\$27.36
Lethbridge/Medicine Hat/Crowsnest Pass	\$25.31
Red Deer/Camrose/Wetaskiwin/Rocky/Olds	\$25.19

BRITISH COLUMBIA

Geographic Area	Wage (per hour)
Lower Mainland Southwest	\$24.28
Northern British Columbia	\$26.19
Thompson Okanagan Kootenay	\$26.29
Vancouver Island	\$26.52

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 of BC \(Ironworkers\)](#)

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.