

TEMPORARY FOREIGN WORKER PROGRAM

OCCUPATIONAL PROFILE FOR EXPEDITED LABOUR MARKET OPINIONS

JOURNEYMAN/WOMAN STEAMFITTERS AND PIPEFITTERS

Section A: Occupational Profile

JOB DESCRIPTION:

Steamfitters and pipefitters lay out, assemble, fabricate, maintain, troubleshoot and repair piping systems carrying water, steam, chemicals and fuel in heating, cooling, lubricating and other process piping systems. Steamfitters and pipefitters are employed in maintenance departments of factories, plants and similar establishments, and by pipefitting contractors.

MAIN DUTIES:

Steamfitters and pipefitters perform some or all of the following duties:

- Read and interpret drawings, blueprints and specifications to determine layout requirements
- Cut openings for pipe in walls, floors and ceilings using hand or power tools or machines
- Select type and size of pipe required
- Measure, cut, thread and bend pipe to required shape using hand and power tools
- Weld, braze, cement, solder and thread joints to join pipes and fabricate sections of piping system
- Install supports, valves, piping and control systems
- Test system for leaks using testing equipment
- Clean and maintain pipe units and fittings and flush system
- Remove and replace worn components and reactivate system
- May prepare cost estimates for clients.

EMPLOYMENT REQUIREMENTS:

- Completion of secondary school is usually required.
- Completion of a four- to five-year apprenticeship program OR
A combination of over five years of work experience in the trade and some high school, college or industry courses in steamfitting or pipefitting is usually required to be eligible for trade certification.
- Steamfitter-pipefitter trade certification is compulsory in Alberta and British Columbia.

- Interprovincial trade certification (Red Seal) is also available to qualified steamfitters and pipefitters.

PREVAILING WAGE RATES BY SUB-REGION:

ALBERTA

Geographic Area	Wage (per hour)
Calgary/Banff/Drumheller	\$30.50
Edmonton	\$31.69
Fort-McMurray	\$33.29
St. Paul/Lloydminster	\$31.00
Grande Prairie/Slave Lake/Jasper	\$32.90
Lethbridge/Medicine Hat/Crowsnest Pass	\$28.49
Red Deer/Camrose/Wetaskiwin/Rocky/Olds	\$29.35

BRITISH COLUMBIA

Geographic Area	Wage (per hour)
Lower Mainland Southwest	\$21.34
Northern British Columbia	\$26.70
Thompson Okanagan Kootenay	\$26.31
Vancouver Island	\$26.61

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 \(Steamfitter / Pipefitter\)](#)

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.