

# Welder



## Description of the occupation

- Interprets specifications and welding procedures
- Does preparation work for welding and fitting
- Cuts, prepares, and assembles pieces and pipes of different metals using various welding techniques

## ACCESS TO CONSTRUCTION SITES

- Individuals who show to the CCQ proof of graduation with a DEP - Welding and Fitting may register for the 15-hour course Cours de connaissance générale de l'industrie de la construction (CCGIC), in order to obtain an occupation competency certificate.
- The number of places reserved for the CCGIC depends on labour needs established annually by the construction industry.
- Measures are in place to increase the presence of women on construction sites by 2018. Consult them at [mixite.ccq.org](http://mixite.ccq.org).

## SKILLS AND INTERESTS

- Acquire knowledge related to reading of plans, concepts of metallurgy, operation of various welding and cutting techniques, and controlling welding parameters
- Have professional ethics
- Be independent
- Have very good dexterity and good coordination of movement
- Be able to work in uncomfortable positions

## Average annual salary\*

Welder**	\$49,049
Those working at least 500 hours	\$68,376
Proportion***	69%

\* Includes premiums, overtime hours, and compensation for paid statutory holidays and the obligatory annual vacations provided in the collective agreements.

\*\* Average 2015 salary of those having reported at least one hour of work.

\*\*\* Proportion of workers in this occupation having accumulated at least 500 hours in 2015. Does not include income that may have been earned for work not falling under the construction collective agreements.

## Integration into the labour market

	Annual average 2012-2015	2016
New admissions to the CCQ	15	12
Placement rate of graduates*	9.8%	n/a

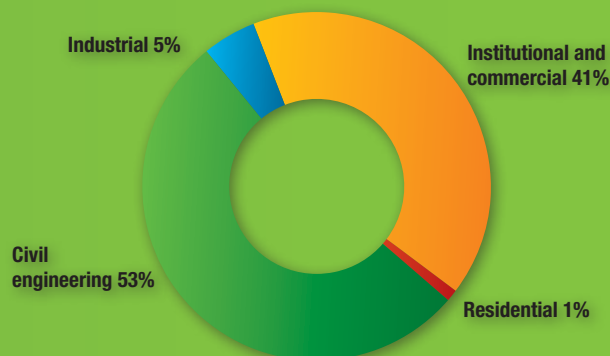
\* Source: *La Relance au secondaire en formation professionnelle*, survey by the Ministère de l'Éducation et de l'Enseignement supérieur du Québec. New graduates are asked about their employment situation on June 1, after they have obtained their diploma.

## Hourly wage\* according to the collective agreements

	Industrial, institutional and commercial	Civil engineering and roadwork	Light residential
Welder	\$35.48	\$36.70	\$33.78

\*Wage in May 2016.

## Volume of work per sector



## Job prospects



- The number of welders active in the construction industry declined slightly in 2016, to 256. Almost a third of welders had to travel outside their home region to work.
- There are 130 companies hiring welders to work on construction sites. The civil engineering and roadwork sector provides more than half the work volume for welders. This sector should grow in coming years.
- Twelve new welders entered the industry in 2016, slightly below the annual average for the past four years (15). Welders earn an average annual income of \$49,000, while those working at least 500 hours average \$68,300.
- Job prospects are quite good for welders. Demand will decrease slightly in coming years but high employee turnover should create a need for new workers. Some workforce demand could be met by workers currently available.

## Training

### Study program:

Diploma of vocational studies (DEP) - Soudage-montage (5195) and Welding and Fitting (5695)

**Duration of training:** 1,800 hours

**Academic prerequisite:** Category 1\*

\* The academic prerequisites for all trades and occupations in this brochure are described on page 74.

### Training generally offered in the following regions:

- Abitibi-Témiscamingue
- Bas-Saint-Laurent
- Capitale-Nationale\*
- Centre-du-Québec
- Chaudière-Appalaches
- Côte-Nord
- Estrie\*
- Gaspésie-Îles-de-la-Madeleine\*
- Lanaudière
- Laurentides\*
- Laval
- Mauricie
- Montérégie\*
- Montréal\*
- Outaouais\*
- Saguenay-Lac-Saint-Jean



To find out which public facilities are authorized to offer this study program, consult the website [www.inforoutefpt.org](http://www.inforoutefpt.org)

\* Training also offered in English in this region.

### Number of employed workers in 2016

Abitibi-Témiscamingue	2
Bas-Saint-Laurent-Gaspésie	23
Côte-Nord	12
Estrie	1
Island of Montréal	29
Laval-Laurentides-Lanaudière	82
Mauricie-Bois-Francs	8
Montérégie	51
Outaouais	1
Québec	30
Saguenay-Lac-Saint-Jean	13
Outside of Québec and Baie-James	4
<b>Total</b>	<b>256</b>

**Number of employed women** 3

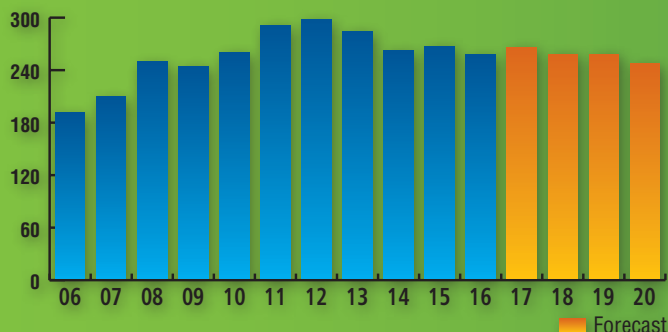
### Worker mobility

#### Proportion of workers who travel from one region to another:\*

Welder	33%
All trades and occupations	17%

\* Excluding travel between the Montérégie, Island of Montréal, and Laval-Laurentides-Lanaudière regions.

### Number of employed workers from 2006 to 2020



### Age of the workforce in 2016

	Average age	Under 30 years	30-54 years	55 years and over	Total number of workers
Welder	42	16%	66%	18%	256
All trades and occupations	39	26%	58%	16%	153,700