

## Description of the occupation

- Executes underwater activities related to construction, repairs, maintenance, installation, demolition, and inspection of underwater equipment or structures
- May perform underwater welding, oxygen cutting, carpentry, cement laying, electrical work, plumbing, or blasting
- May perform related work (for example, recovery of various objects)
- The diver is usually equipped with a self-contained or non-self-contained, limited or unlimited breathing apparatus

# Diver

## ACCESS TO CONSTRUCTION SITES

- Individuals who show to the CCQ proof of graduation with an AEC - Plongée professionnelle 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.

## AND

- Those who practise this occupation must be aged 18 years or over and hold the vocational qualification required in compliance with the competency standards in force of the Canadian Standards Association (CSA). They must also present a medical certificate attesting that they are fit to dive.
- 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

- Have knowledge linked to application of concepts of mathematics, physics, chemistry, biology, construction, and electricity
- Be in excellent physical condition
- Be able to move heavy objects
- Have leadership and composure
- Be independent and careful

Divers are often faced with critical or unforeseen situations. They must work in environments that involve specific risks, such as confined spaces, underwater currents, contaminated water, ice, and changes in pressure. Low visibility and water temperature are other difficulties that divers experience.

## Average annual salary\*

Diver**	\$39,616
Those working at least 500 hours	\$53,594
Proportion***	64%

\* 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	14
Placement rate of graduates*	n/a	n/a

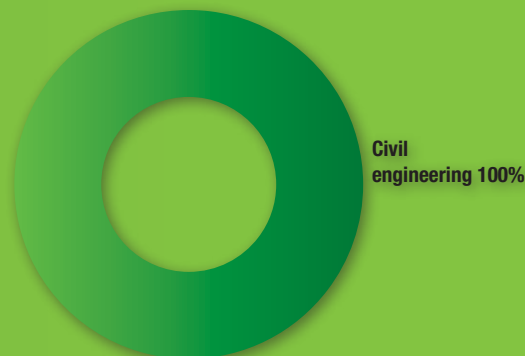
\* Source: *La Relance au secondaire en formation professionnelle*, survey by the Ministère de l'Éducation et de l'Enseignement supérieur du Québec. New graduates are asked about their employment situation on June 1, after they have obtained their diploma.

## Hourly wage\* according to the collective agreements

	Industrial, institutional and commercial	Civil engineering and roadwork	Light residential
Diver	\$39.53	\$39.53	\$36.48
Diver class 2	\$33.60	\$33.60	—

\*Wage in May 2016.

## Volume of work per sector



## Job prospects



- There were 135 professional divers active on sites in 2016, a stable number compared with 2015.
- Only 18 employers hire divers, solely in civil engineering and roadwork. Companies move around a lot, so 64% of divers reported hours worked outside the region where they live.
- The industry took in 14 new divers in 2015, roughly the average for the four preceding years (15). A diver's average income exceeds \$37,600, although this can rise to \$53,600 when working at least 500 hours.
- Job prospects for divers are good, demand is stable and there is high worker turnover.

## Training

### Study program:

Attestation of collegial studies (AEC) - Plongée professionnelle (ELW.08)

**Duration of training:** 1,350 hours

**Academic prerequisite:** Be 18 years old or over and hold a diploma of vocational studies (DEP) or a secondary school diploma (DES), a level 1 recreational diving certificate and class A licence as well as a medical certificate.

### Training generally offered in the following region:

- Bas-Saint-Laurent



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

### Number of employed workers in 2016

Abitibi-Témiscamingue	1
Bas-Saint-Laurent-Gaspésie	9
Côte-Nord	6
Estrie	5
Island of Montréal	20
Laval-Laurentides-Lanaudière	17
Mauricie-Bois-Francs	5
Montérégie	33
Outaouais	1
Québec	29
Saguenay-Lac-Saint-Jean	9
Outside of Québec and Baie-James	0
<b>Total</b>	<b>135</b>

**Number of employed women** 5

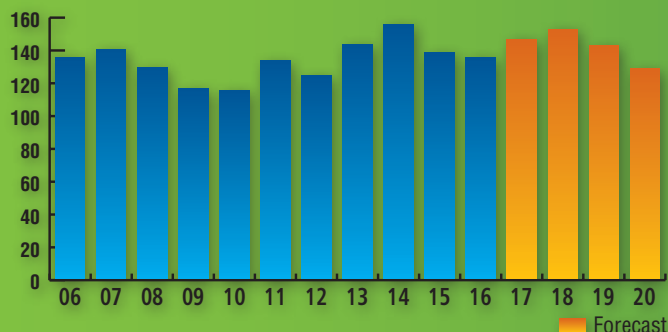
### Worker mobility

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

Diver	64%
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
Diver	34	39%	56%	5%	135
All trades and occupations	39	26%	58%	16%	153,700