

Elevator mechanic



Description of the trade

- Installs, repairs, modernizes, and maintains mechanical conveyance systems such as traction and hydraulic elevators, escalators, and rolling sidewalks, according to the requirements of the standards in force.

ACCESS TO CONSTRUCTION SITES

- Present to the CCQ proof of completion of DEP - Elevator Mechanics and of a job guarantee from an employer registered with the CCQ, for at least 150 hours spread over three consecutive months. This leads to an apprentice competency certificate in the trade.
- Measures are in place to increase the presence of women on construction sites by 2018. Consult them at mixite.ccq.org.

APPRENTICESHIP SYSTEM

- Have completed the five apprenticeship periods of 2,000 hours each (10,000 hours total) in order to be eligible for the provincial qualification examination that leads to obtaining the journeyman competency certificate for the trade.

SKILLS AND INTERESTS

- Acquire knowledge related to assembly techniques, electronics, electricity, hydraulics, mechanics, instrumentation, and interpretation of applicable standards
- Be independent and careful
- Have professional ethics
- Be able to analyze different systems, work in a team, and work at heights and in restricted spaces
- Have good coordination and be in good physical condition

Average annual salary*

Apprentice**	\$45,710
Journeyman***	\$85,894
Journeyman working at least 500 hours	\$96,230
Proportion****	88%

* Includes premiums, overtime hours, and compensation for paid statutory holidays and the obligatory annual vacations provided in the collective agreements.
 ** Average salary of graduates admitted in 2014, for the 12 months following their admission.
 *** Average salary in 2015 of those having reported at least one hour of work.
 **** Proportion of journeymen in this trade having accumulated at least 500 hours in 2015. Does not include income that may have been made for work not falling under the construction collective agreements.

Integration into the labour market

	Annual average 2012-2015	2016
New admissions to the CCQ	67	46
Placement rate of graduates*	5.3%	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
Apprentice			
1 st period	\$21.21	\$21.02	\$19.72
2 nd period	\$25.45	\$25.22	\$23.66
3 rd period	\$29.69	\$29.43	\$27.61
4 th period	\$36.05	\$35.73	\$33.52
5 th period	\$36.05	\$35.73	\$33.52
Journeyman	\$42.41	\$42.04	\$39.44

*Wage in May 2016.

Volume of work per sector

Institutional and commercial 99%



Residential 1%

Job prospects



- In 2016, there were 1,100 elevator mechanics, a third of them apprentices. These employees work for 73 employers, the six largest of which account for almost 70% of the work.
- Elevator mechanics work almost exclusively in the institutional and commercial sector, where work volume will gradually decrease in coming years. The work varies little by season, which provides them with the highest annual average of hours worked (1,576). Maintenance and repair of existing systems increase opportunities for this trade.
- In 2016, 46 new apprentices entered this trade, below the average observed in the previous four years (67). In the first year of work, apprentices earn an average of more than \$45,700, while the average annual income of journeymen working at least 500 hours can exceed \$96,200, one of the highest incomes for all construction trades covered by collective agreements.
- Job prospects are good for elevator mechanics. Demand is stable and current workers have little availability. Graduates find work easily.

Training

Study program:

Diploma of vocational studies (DEP) -
Mécanique d'ascenseur (5337) and
Elevator Mechanics (5837)

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 region:

- Montréal*

* Training also offered in English in this region.



To find out which public facilities are authorized to offer this study program, consult the website www.inforoutefpt.org

Number of employed workers in 2016

Abitibi-Témiscamingue	6
Bas-Saint-Laurent-Gaspésie	7
Côte-Nord	0
Estrie	22
Island of Montréal	220
Laval-Laurentides-Lanaudière	292
Mauricie-Bois-Francs	11
Montréal	275
Outaouais	21
Québec	175
Saguenay-Lac-Saint-Jean	11
Outside of Québec and Baie-James	60
Total	1,100

Number of employed women 18

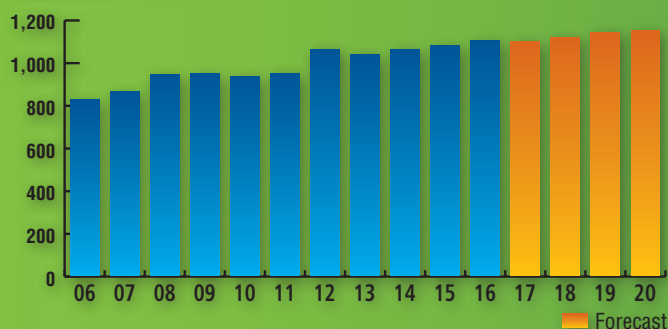
Worker mobility

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

Elevator mechanic	14%
All trades and occupations	17%

* Excluding travel between the Montréal, 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
Apprentice	30	59%	39%	2%	381
Journeyman	43	8%	77%	15%	719
Total, elevator mechanics	39	25%	64%	11%	1,100
All trades and occupations	39	26%	58%	16%	153,700