

Reinforcing steel erector



Description of the trade

- Installs rods, metal laths, or any other similar material to reinforce concrete
- Cuts, bends, ties, welds, places, and installs reinforcing steel used in the construction of formwork, columns, beams, slabs, or other similar work
- Fabricates and installs reinforcing rods and prefabricated components.
- Installs mechanical joints, anchors and pins.

ACCESS TO CONSTRUCTION SITES

- Present to the CCQ proof of completion of DEP - Pose d'armature de béton 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 apprenticeship period of 2,000 hours 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 application of geometric forms and volumes, and mathematical concepts and physics principles related to handling concrete structures
- Be dextrous
- Have good physical coordination
- Be able to work in a team
- Be in very good physical condition
- Be able to move heavy objects, execute repetitive movements, and work at heights

Average annual salary*

Apprentice**	\$22,803
Journeyman***	\$53,170
Journeyman working at least 500 hours	\$63,227
Proportion****	81%

* 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	78	39
Placement rate of graduates*	n/a	n/a

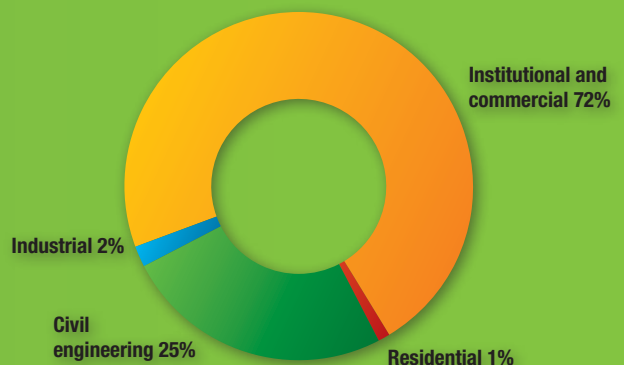
* Source: *La Relance au secondaire en formation professionnelle*, survey by the Ministère de l'Éducation et de l'Enseignement supérieur du Québec. New graduates are asked about their employment situation on June 1, after they have obtained their diploma.

Hourly wage* according to the collective agreements

	Industrial, institutional and commercial	Civil engineering and roadwork	Light residential
Apprentice	\$32.61	\$32.59	\$29.67
Journeyman	\$38.37	\$38.34	\$34.90

*Wage in May 2016.

Volume of work per sector



Job prospects



- There were 1,430 active reinforcing steel erectors on construction sites in 2016 and 209 employers used their services. A high proportion of reinforcing steel erectors were journeymen in 2016.
- A slight decline in activity in the institutional and commercial sector should affect employment of reinforcing steel erectors since much of their work is performed in this sector. However, one fourth of the work volume for this trade is in the civil engineering and roadwork sector, expected to grow in coming years, which may offset the drop in work volume in the institutional and commercial sector.
- There were 39 new apprentices in 2016, half the annual average from 2012 to 2015. On average, apprentices earn \$22,800 the first year. Journeymen who work at least 500 hours average \$63,200 a year.
- Job prospects for reinforcing steel erectors are fairly limited. Employment will decline slightly and worker availability is high.

Training

Study program:

Diploma of vocational studies (DEP) -
Pose d'armature du béton (5076)

Duration of training: 735 hours

Academic prerequisite: Category 2*

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

Training generally offered in the following region:

- Montréal



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	17
Bas-Saint-Laurent-Gaspésie	65
Côte-Nord	29
Estrie	64
Island of Montréal	147
Laval-Laurentides-Lanaudière	407
Mauricie-Bois-Francs	74
Montréal	267
Outaouais	65
Québec	246
Saguenay-Lac-Saint-Jean	46
Outside of Québec and Baie-James	3
Total	1,430

Number of employed women 7

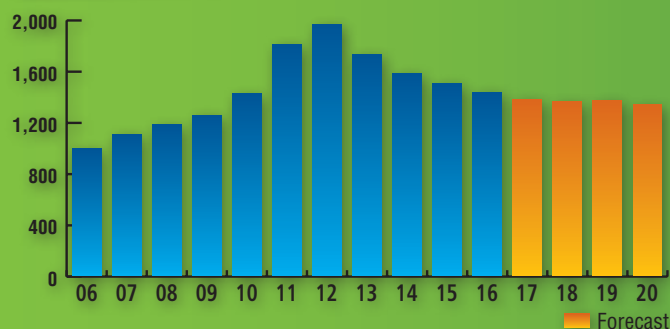
Worker mobility

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

Reinforcing steel erector	30%
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	29	60%	38%	2%	167
Journeyman	38	27%	64%	9%	1,263
Total, reinforcing steel erectors	37	31%	61%	8%	1,430
All trades and occupations	39	26%	58%	16%	153,700