Accessing the construction industry





Introduction



Agenda

The construction industry

Role & mandates of the CCQ

Labour relations

Accessing the industry

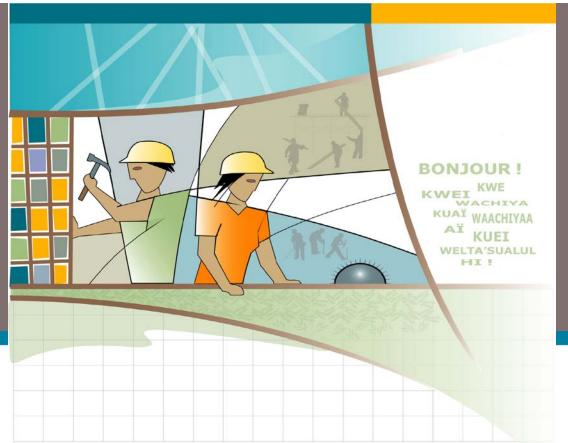
Training funds

Working conditions and social benefits

The construction industry



The construction industry





The construction industry

Economic information (2007)

- 30 billion \$ invested in construction;
- More than 170 000 direct jobs on average per month related to construction, or 1 job in 20 in Québec.

Characteristics of the industry

- Major workforce mobility: From one construction site to another, from one region to another and from one company to another;
- Periods of high and low activity;
- Seasonal activity;
- Special labour relations system.

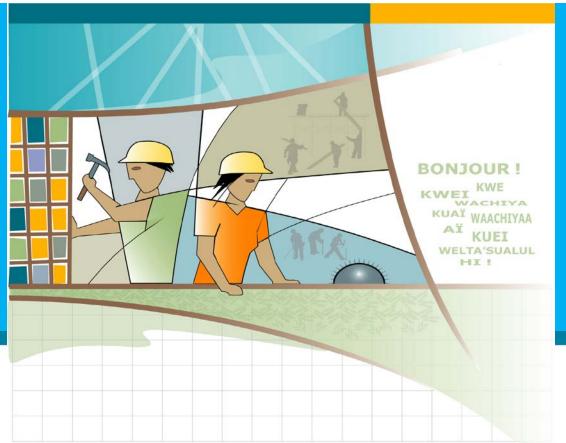


The construction industry

- Need for highly skilled labour force:
 - 137,500 workers in 2007
 - 150,000 workers by 2011
 - 14,000 new workers per year by 2011
- Access to Québec construction industry = priority given to graduates:
 - 5,000 new graduates in 2007
 - 8,000 new graduates per year by 2011



Role & mandate





Role & mandate of the CCQ

The Commission de la construction du Québec (CCQ) is:

> responsible of the Act Respecting Labour Relations, Vocational Training and Manpower Management in the Construction Industry (Act R-20) and its bylaws.



Role & mandate of the CCQ

- The mandates of the CCQ are to:
 - Organize upgrading and training;
 - Supervise the application of collective agreements;
 - Manage seniority and qualification;
 - Manage worker's social benefits.

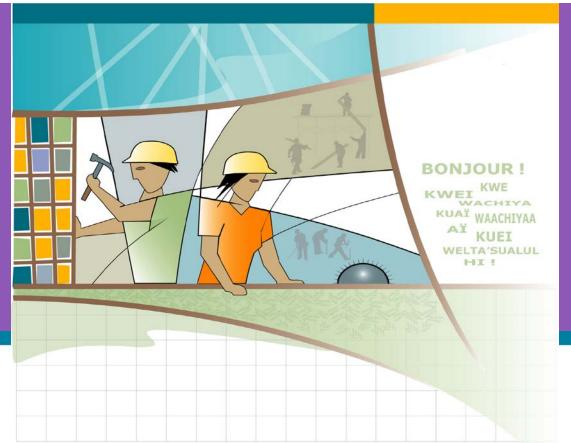


Role & mandates of the CCQ

Inspection duties

- To overview employer's auditing
- To visit construction sites
- To instigate criminal and civil proceedings
- To order the suspension of a worksite
- To collect unpaid dues related salaries and benefits
- To make claims based on appraisal of work executed.







The labour relations

- Negotiation on a provincial and multi trade level
- Working conditions applicable to the industry as a whole
- Four sectorial collective agreements:
 - Residential sector,
 - Institutional and commercial sector,
 - Industrial sector,
 - Civil engineering and roadwork sector.





A joint industry

Mandatory union membership:



- ✓ CSD-Construction
- ✓ CSN-Construction
- √ FTQ-Construction
- ✓ CPQMC (International)
- √ Syndicat québécois de la construction



A joint industry

Mandatory employer association membership for all employers





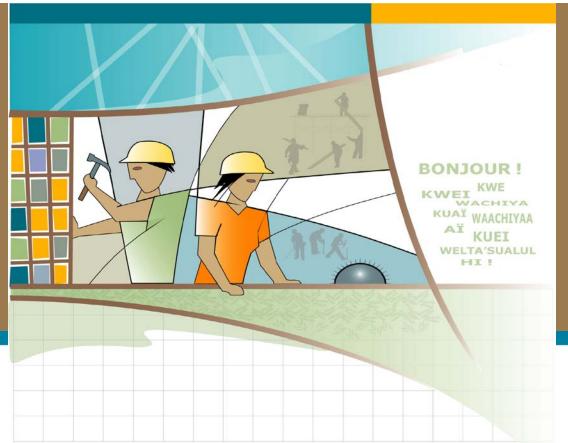






- Ass. des entrepreneurs en construction du Québec
- Ass. de la construction du Québec
- Ass. des constructeurs de routes et grands travaux du Québec
- Ass. provinciale des constructeurs d'habitations du Québec inc.
- Corp. des maîtres électriciens du Québec
- Corp. des maîtres mécaniciens en tuyauterie du Québec







- Be at least 16 years old;
- Haven taken the course on safety in construction work and hold a certificate from the Association sectorielle paritaire (ASP Construction);
- Hold a competency certificate from the CCQ.



Journeyperson competency cert.:

Has demonstrated a qualification in one or another of the 26 trades after passing a qualification examination.

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- Apprentice competency cert.:
 - Learns a trade (duration of 1 to 5 apprenticeship periods of 2000 hours each).
 - See next slide



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- Priority for admission to apprenticeship is granted to graduates who:
 - Have taken and passed the educational program in a school;
 - Hold a vocational training diploma (DEP);
 - Present a guarantee of 150 hours of employment in a 3 month period from an employer.



Occupation competency certificate:
 performs a construction activity on construction sites
 as a labourer or a specialized labourer.

Commission de la constructio du Québec	CERTIFICAT DE C	COMPÉTENCE ATION	RÉGION	Nº D'ASSURANCE SOCIALE SÉCURITÉ I Nº DE DOCUMENT
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Journeyperson CCQ qualification exam Apprenticeship **Apprenticeship** Vocational Training (DEP)



Period

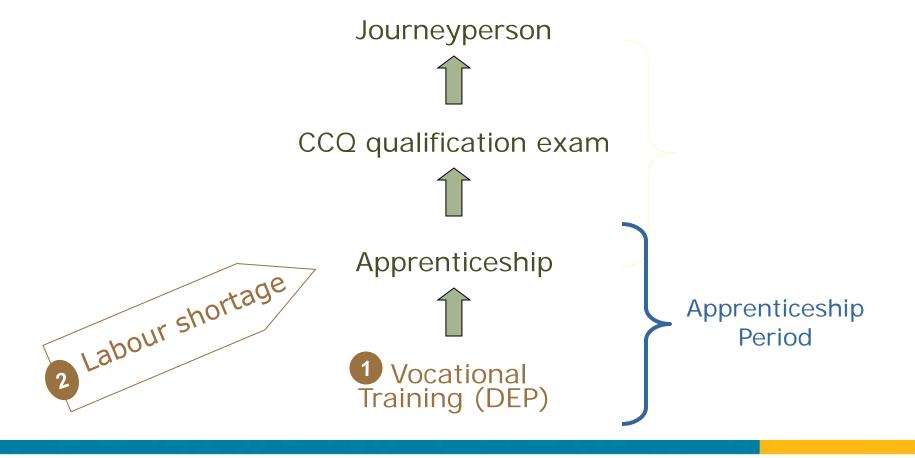
Vocational training diploma :

- Recognized by MELS and CCQ
 - Secondary 3 or 4 high school prerequisites;
 - Training programs from 600 hours to 1800 hours.

Graduates:

- Priority given to graduates for access to apprenticeship;
- Can obtain an app. cert. at any time w/ 150 hrs guarantee;
- Training hours applied towards apprenticeship period;
- Higher success rates at the provincial qualification exam.







How to know when there is a shortage?

- The information about labour pool is updated daily on the CCQ webpage
- Union representatives can also contact there members to inform them of labour pool status

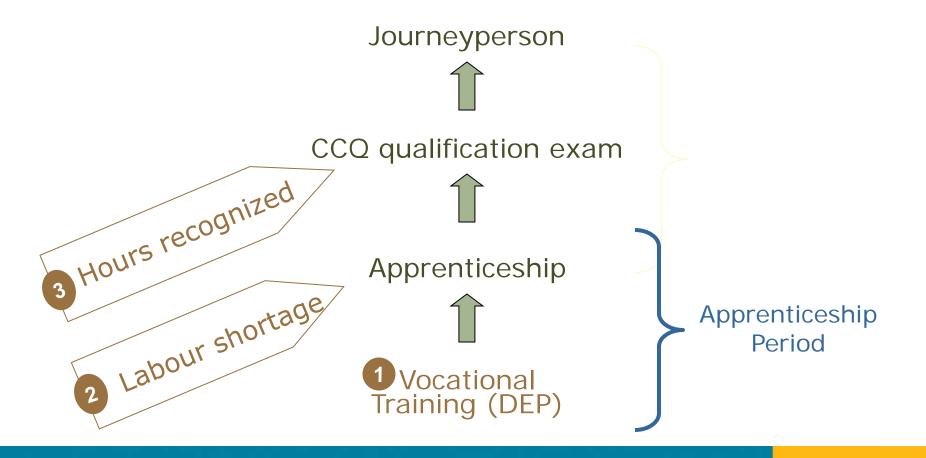
What to do?

Have the registered employer contact the Info-Pénurie phone line

What are my obligations as a worker?

- Have followed the ASP-Construction safety course
- Have the high school prerequisites for your trade
- Mandatory training for non-graduates







- How to get on-community hours recognized?
 - Obtain letter from employer or band council with:
 - Identification of worker
 - Confirmation of trade
 - Detailed hours per year
 - Description of worked done
 - Have T4 or employment statement for every year/hour to be recognized

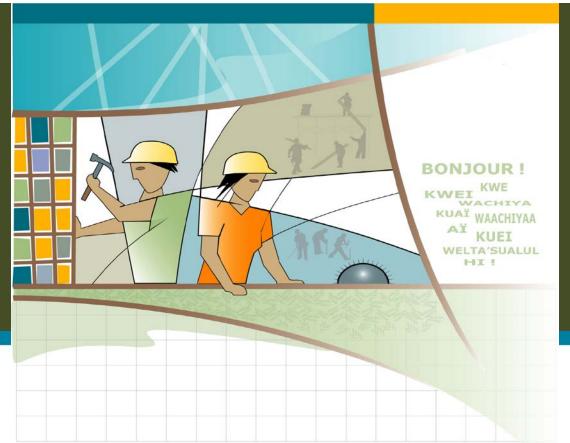


The CCQ qualification exam :

- Administered to:
 - Workers who have finished there apprenticeship period
 - Workers who are registered to an examination session
- The exam:
 - 3 hours examination session (French or English)
 - Multiple choice questions
 - Available with lector
 - Offered at CCQ regional offices
 - Can be offered on community under certain conditions
- Preparation to the exam:
 - Theoretical notions revision course
 - Books and manuals available in some trades



Training Funds





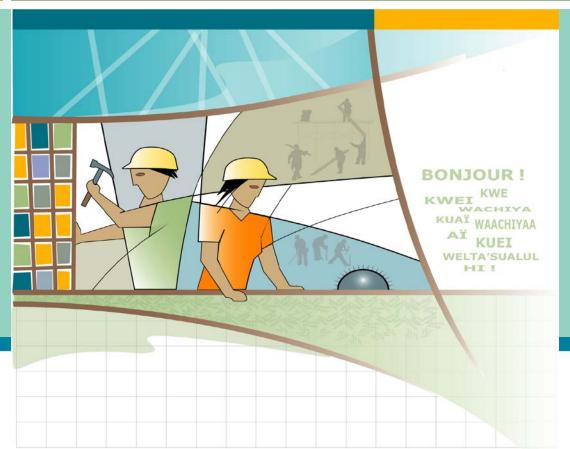
Training funds

Construction workers eligible to free training and upgrading

- Admission:
 - Hold a valid competency certificate
 - Have a minimum of 400 hours reported to the CCQ in the past 24 months
- Includes:
 - Registration cost
 - Daily allocation
 - Transportation and housing costs
- Benefits:
 - Skills upgrading
 - Renewal of competency certificate (when mandatory training)
 - Better employment opportunities
 - Better chances in succeeding the qualification exam.



Working Conditions & Social Benefits





Working conditions

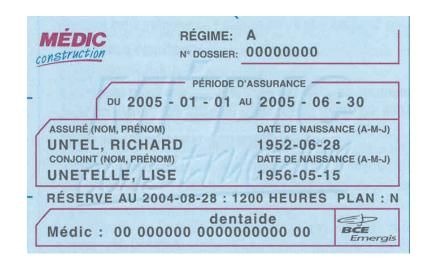
 Salaries depending upon trade and sector, increases with apprenticeship period

Trade	Apprentice	Journeyperson
Carpenter-joiner	16,24 to 25,87 \$	27,07 to 30,44\$
Cement-finisher	18,72 to 25,36 \$	26,74 to 29,84 \$
Electrician	14,21 to 26,20 \$	28,43 to 30,82 \$
Bricklayer-mason	16,57 to 25,93 \$	27,62 to 30,16 \$



Social benefits

- Annual vacations
 - 4 weeks vacation
 - 10 statutory holidays
- Insurance plan
 - Life insurance
 - Salary insurance
 - Health insurance for workers and their dependents
- Training funds
- Pension plan







- Erects frames for walls, floors, and roofs
- Builds formwork
- Installs furnishings built into the building (counters, cupboards, shelving, etc.)
- Installs wood flooring, exterior siding, and joinery components such as doors and windows, stairs, mouldings, and hardware
- Lays out, cuts, assembles, and forms wood and metal pieces

Training

STUDY PROGRAM:

Vocational studies diploma – Charpenteriemenuiserie (1428) and Carpentry (1928)

DURATION OF TRAINING:

1,350 hours

ACADEMIC PREREOUISITE:

Category 1*

Carpenter-joiner - TRADE

Access to construction sites

 Present to the CCQ the original of the vocational studies diploma in carpentry-joinery and an employment guarantee of at least 150 hours from an employer registered with the organization. This measure allows individuals to obtain an apprentice competency certificate in the trade.

Apprenticeship system

Have completed the three apprenticeship periods of 2,000 hours each (6,000 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 applied mathematics, taking imperial and metric measurements, and interpretation of plans and technical specifications
- Be multi-skilled and independent
- Be able to work in a team and on scaffoldings
- Be able to use a wide variety of tools and safety equipment
- Be in good physical condition

AVERAGE	ANNUAL	SALARY

Apprentice*	\$17,739
Journeyman**	\$31,926
Proportion earning	
less than \$25,000	39%
between \$25,000 and \$45,000	30%
\$45,000 or more	31%

* Average salary of graduates admitted in 2005, for the 12 months following their admission.
** Average salary in 2006 of journeymen having reported at least one hour of work.
Does not include income that may have been made outside of the construction industry's

HOURLY WAGE ACCORDING TO THE COLLECTIVE AGREMMENTS

	INDUSTRIAL, INSTITUTIONAL AND COMMERCIAL	CIVIL ENGINEERING AND ROADWORK	LIGHT RESIDENTIAL
Apprentice			
1* period	\$18.25	\$18.26	\$16.24
2 nd period	\$21.29	\$21.31	\$18.95
3 rd period	\$25.86	\$25.87	\$23.01
Journeyman	\$30.42	\$30.44	\$27.07

Wage in May 2007.

collective agreements.

INTEGRATION INTO THE LABOUR MARKET

	ANNUAL AVERAGE 2001-2005	2006
New apprentices admitted by the CCQ	3,475	3,054
Placement rate for graduates*	85.8%	87.9%

 Source: Enquête La Risance au secondaire en fournation professionnelle, ministère de PÉducation, du Loisi et du Sport du Québoc. Note that the study is conducted in March, a month when activity in the construction industry is not at its maximum.

Volume of work by sector

Total	35,253
Other regions and James Bay	102
Saguenay-Lac-Saint-Jean	1,761
Québec City	6,630
Outaouais	1,891
Montérégie	7,145
Mauricie-Bois-Francs	2,656
Laval-Laurentides-Lanaudière	8,265
Island of Montreal	2,286
Estrie	1,800
Côte-Nord	515
Bas-Saint-Laurent–Gaspésie	1,600
Abitibi-Témiscamingue	602
EMPLOYED WORKERS IN 2006	

NUMBER OF WOMEN EMPLOYED	280

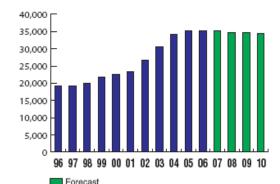
MOBILITY OF WORKERS

PROPORTION OF WORKERS ASKED TO TRAVEL FROM ONE REGION TO ANOTHER:*

Carpenter-joiner	15%
All trades and occupations	18%

Excludes travel between the regions of Montérégie, the island of Montreal, and Laval-Laurentides-Lanaudière.

NUMBER OF WORKERS EMPLOYED - 1996-2010





 Maintains and repairs cranes, shovels, levellers, spreaders, rollers, tractors, off-road trucks, and all motorized construction equipment and machinery, fixed or mobile, used for grading, handling, or excavation.

Training

STUDY PROGRAM:

Vocational studies diploma – Mécanique d'engins de chantier (5055)

DURATION OF TRAINING:

1,800 hours

ACADEMIC PREREQUISITE:

Category 1*

Heavy equipment mechanic - TRADE

Access to construction sites

 Present to the CCQ the original of the vocational studies diploma in construction equipment mechanics and an employment guarantee of at least 150 hours from an employer registered with the organization. This measure allows individuals to obtain an apprentice competency certificate in the trade.

Apprenticeship system

Have completed the three apprenticeship periods of 2,000 hours each (6,000 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 mechanics for diesel, two-stroke, and four-stroke engines, hydraulics, pneumatics, electricity, and electronics
- Be careful and resourceful.
- Have a sense of initiative
- Work neatly
- Be in good physical condition
- Be capable of moving heavy objects

AVERAGE ANNUAL SALARY

Apprentice*	\$14,406
ourneyman**	\$34,122
Proportion earning less than \$25,000	57%
between \$25,000 and \$45,000	8%
\$45,000 or more	35%

* Average salary of graduates admitted in 2005, for the 12 months following their admission. ** Average salary in 2006 of journeymen having reported at least one hour of work. Does not include income that may have been made outside of the construction industry's collective agreements.

HOURLY WAGE ACCORDING TO THE COLLECTIVE AGREMMENTS

	INDUSTRIAL, INSTITUTIONAL AND COMMERCIAL	CIVIL BNGINEERING AND ROADWORK	LIGHT RESIDENTIAL
Apprentice			
1* period	\$17.84	\$18.40	\$16.46
2 [~] period	\$20.82	\$21.47	\$19.21
3 rd period	\$25.28	\$26.07	\$23.32
Journeyman	\$29.74	\$30.67	\$27.44

Wage in May 2007.

INTEGRATION INTO THE LABOUR MARKET

	Annual average 2001-2005	2006
New apprentices admitted by the CCQ	19	16
Placement rate for graduates*	89.2%	95.4%

* Source: Enquête La Ralance au secondaire en formativn professionnelle, ministère de l'Education, du Loisi et du Sport du Québec. Note that the study is conducted in March, a month when activity in the construction industry is not at its maximum.

EMPLOYED WORKERS IN 2006

Total	313
Other regions Québec and James Bay	2
Saguenay-Lac-Saint-Jean	64
Québec City	63
Outaouais	:
Montérégie	32
Mauricie-Bois-Francs	25
Laval-Laurentides-Lanaudière	25
Island of Montreal	8
Estrie	13
Côte-Nord	22
Bas-Saint-Laurent-Gaspésie	35
Abitibi-Témiscamingue	21

Nombre de femmes actives

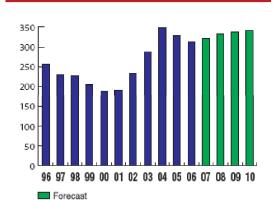
MOBILITY OF WORKERS

PROPORTION OF WORKERS ASKED TO TRAVEL FROM ONE REGION TO ANOTHER:*

Heavy equipment mechanic	40%
All trades and occupations	18%

Excludes travel between the regions of Montérégie, the island of Montreal, and Laval-Laurentides-Lanaudière.

NUMBER OF WORKERS EMPLOYED - 1996-2010



VOLUME OF WORK BY SECTOR



- Operates all types of mechanical shovels, backhoes, cranes equipped with a clamshell or drag bucket, pivoted-arm excavators, and all other similar excavation equipment
- Works during the stage before construction starts

Training

STUDY PROGRAM:

Vocational studies diploma – Conduite d'engins de chantier (5220)

DURATION OF TRAINING:

1,095 hours

ACADEMIC PREREQUISITE:

Category 2*

Shovel operator - Trade

Access to construction sites

 Present to the CCQ the original of the vocational studies diploma in operation of heavy equipment and an employment guarantee of at least 150 hours from an employer registered with the organization. This measure allows individuals to obtain an apprentice competency certificate in the trade.

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 concepts of mathematics, mechanics, hydraulics, and electricity, and the reading of plans and survey monuments
- Have dexterity and good physical coordination

AVERAGE ANNUAL SALARY	
Apprentice*	\$14,871
ourneyman** Proportion earning	\$32,489
less than \$25,000	43%
between \$25,000 and \$45,000	23%
\$45,000 or more	35%

* Average salary of graduates admitted in 2005, for the 12 months following their admission.
** Average salary in 2006 of journeymen having reported at least one hour of work.
Does not include income that may have been made outside of the construction industry's collective agreements.

HOURLY WAGE ACCORDING TO THE COLLECTIVE AGREMMENTS

	INDUSTRIAL, INSTITUTIONAL AND COMMERCIAL	CIVIL BNGINEERING AND ROADWORK	LIGHT RESIDENTIAL
Apprentice Class AA	\$26.59	\$26.60	-
Journeyman Class AA	\$31.28	\$31.29	-
Apprentice Class A	\$25.77	\$25.81	\$23.10
Journeyman Class A	\$30.32	\$30.36	\$27.18
Apprentice Class B	\$24.96	\$25.01	\$22.33
Journeyman Class B	\$29.36	\$29.42	\$26.28

Wage in May 2007.

INTEGRATION INTO THE LABOUR MARKET

	ANNUAL AVERAGE 2001-2005	2006
New apprentices admitted by the CCQ	98	109
Placement rate for graduates*	78.2%	62.1%

Source: Enquête La Rolance au secondaire en formation professionnelle, ministère de l'Education, du Loisi et du Sport du Québec. Note that the study is conducted in March, a month when activity in the construction industry is not at its maximum.

VOLUME OF WORK BY SECTOR

EMPLOYED WORKERS IN 2006	
Abitibi-Témiscamingue	144
Bas-Saint-Laurent-Gaspésie	266
Côte-Nord	150
Estrie	234
Island of Montreal	138
Laval-Laurentides-Lanaudière	798
Mauricie-Bois-Francs	355
Montérégie	806
Outaouais	142
Québec City	888
Saguenay-Lac-Saint-Jean	397
Other regions and James Bay	10
Total	4,328

NUMBER OF WOMEN EMPLOYED 16

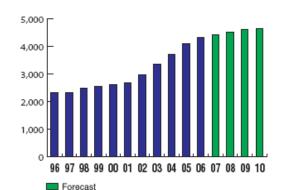
MOBILITY OF WORKERS

PROPORTION OF WORKERS ASKED TO TRAVEL FROM ONE REGION TO ANOTHER:*

Shovel operator	20%
All trades and occupations	18%

Excludes travel between the regions of Montérégie, the island of Montreal, and Laval-Laurentides-Lanaudière.

NUMBER OF WORKERS EMPLOYED - 1996-2010





The trade of heavy equipment operator has four specialties.

- Tractor operator: specialist who may operate tractors, bulldozers, scrapers, loaders, etc.
- Leveller operator: specialist who operates levellers
- Spreader operator: specialist who operates asphalt and cement spreaders, graders, etc.
- Roller operator: specialist who operates rollers, roller-compressors, and compactors.

An individual may accumulate up to four specialties

Training

STUDY PROGRAM:

Vocational studies diploma – Conduite d'engins de chantier (5220)

DURATION OF TRAINING:

1,095 hours

ACADEMIC PREREQUISITE:

Heavy equipment operator - TRADE

Access to construction sites

 Present to the CCQ the original of the vocational studies diploma in operation of heavy equipment and an employment guarantee of at least 150 hours from an employer registered with the organization. This measure allows individuals to obtain an apprentice competency certificate in the trade.

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 the reading of plans, survey monuments, and concepts of mechanics, hydraulics, and electricity
- . Be resourceful, careful, and vigilant
- Be capable of working alone
- · Have good physical coordination
- Be dextrous

AVERAGE ANNUAL SALARY

Apprentice*	\$20,745
ourneyman**	\$27,845
Proportion earning	
less than \$25,000	45%
between \$25,000 and \$45,000	33%
\$45,000 or more	23%

* Average salary of graduates admitted in 2005, for the 12 months following their admission.
** Average salary in 2006 of journeymen having reported at least one hour of work.
Does not include income that may have been made outside of the construction industry's collective agreements.

HOURLY WAGE ACCORDING TO THE COLLECTIVE AGREMMENTS

	INDUSTRIAL,	CIVIL	LIGHT
	INSTITUTIONAL AND COMMERCIAL	ENGINEERING AND ROADWORK	RESIDENTIAL
Apprentice			
Class AA	\$24.91	\$24.97	-
Journeyman			
Class AA	\$29.31	\$29.38	-
Apprentice			
Class A	\$24.11	\$24.18	\$21.54
Journeyman			
Class A	\$28.36	\$28.45	\$25.34
Apprentice			
Class B	\$23.49	\$23.59	\$20.98
Journeyman			
Class B	\$27.64	\$27.75	\$24.68

Wage in May 2007.

INTEGRATION INTO THE LABOUR MARKET

	ANNUAL AVERAGE 2001-2005	2006
New apprentices admitted by the CCQ	179	200
Placement rate for graduates*	78.2%	62.1%

Source: Enquête La Relance au secondaire en formation professionnelle, ministère de l'Éducation, du Loisir et du Sport du Québec. Note that the study is conducted in March, a month when activity in the construction industry is not at its maximum.

VOLUME OF WORK BY SECTOR

EMPLOYED WORKERS IN 2006

Total	5,608
Other regions and James Bay	24
Saguenay-Lac-Saint-Jean	440
Québec City	984
Outaouais	236
Montérégie	1,004
Mauricie-Bois-Francs	488
Laval-Laurentides-Lanaudière	1,051
Island of Montreal	306
Estrie	190
Côte-Nord	199
Bas-Saint-Laurent-Gaspésie	468
Abitibi-Témiscamingue	218

NUMBER OF WOMEN EMPLOYED

25

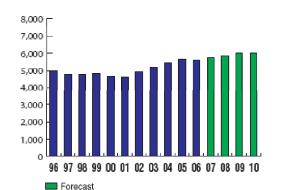
MOBILITY OF WORKERS

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

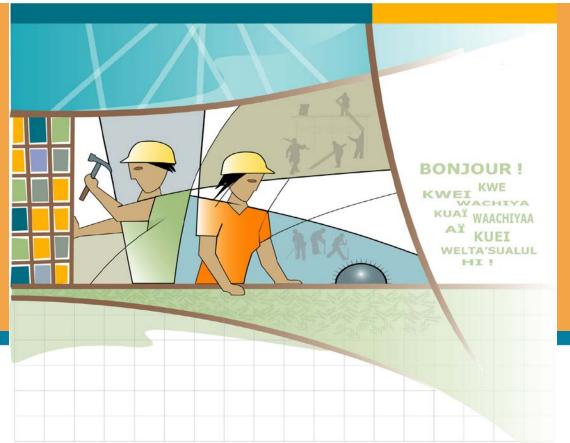
Heavy equipment operator	20%
All trades and occupations	18%

Excludes travel between the regions of Montérégie, the island of Montreal, and Javal-Laurentides-Langudière.

NUMBER OF WORKERS EMPLOYED - 1996-2010

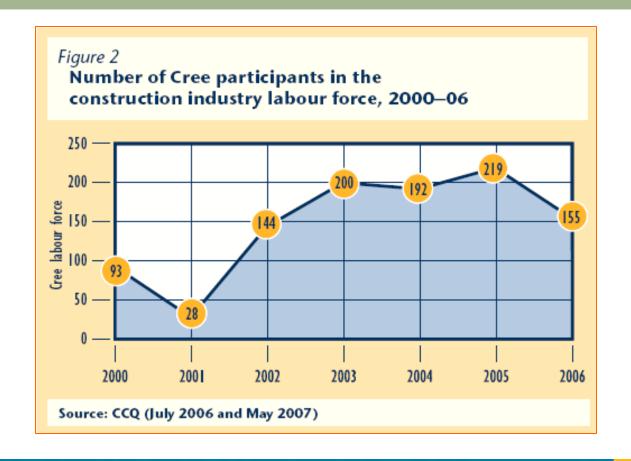


Specific Measures for Crees



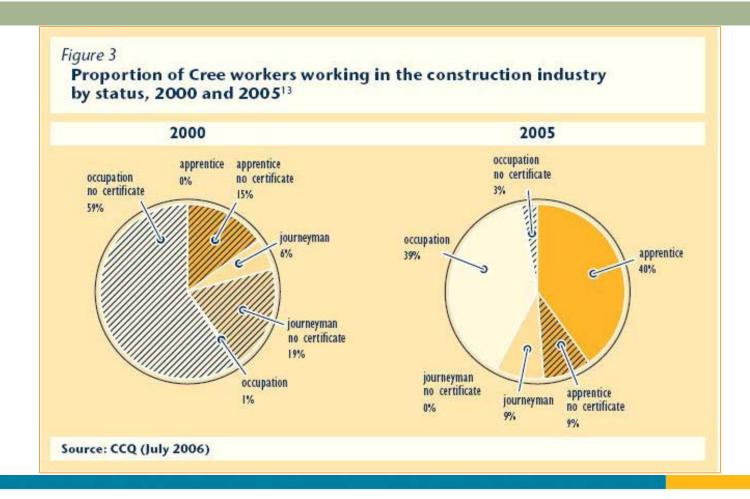


Administrative measures for Crees





Administrative measures for Crees





Meegwetch!

www.ccq.org

