



# Potential jobs during construction

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The chart that follows lists many of the jobs during construction that could be available in the first two years or so, if the project receives a positive final investment decision. The jobs will be needed at different times during the first two years of the construction period, and more information will be provided as it becomes available. For more detail about any of the jobs listed, we have provided a four-digit National Occupation Code (NOC), which you can use to look up the job online at [www5.hrsdc.gc.ca](http://www5.hrsdc.gc.ca)

## Secondary school completion or equivalent; relevant certificate/ certification; relevant experience

Job Title	Brief Job Description	Skills and Qualifications	Approximate number required
<b>Flag Person</b> NOC: 7611	Direct and control traffic	Completion of secondary school and traffic control certifications	40 to 75
<b>Labourer</b> NOC: 7611	Assist skilled tradespersons and perform labour activities at construction sites	Completion of secondary school and relevant certifications	550 to 1100
<b>Forestry Labourer</b> NOC: 8616	Perform manual tasks such as attaching choker cables to logs, planting trees, clearing brush – employed by logging companies and contractors	Some secondary school, college or industry courses, combined with on-the-job training	125 to 250
<b>Heavy Duty Equipment Operator</b> NOC: 7521	Operate equipment such as backhoes, bulldozers, loaders and graders to excavate, move, load and grade earth, rock gravel and other materials	Some secondary school, college or industry courses in heavy equipment operating combined with on-the-job training	525 to 1000
<b>Construction Painter</b> NOC: 7294	Apply paint and finishes to interior and exterior surfaces of buildings and other structures	Completion of secondary school, over 3 years of work experience in the trade	15 to 30
<b>Wildlife Monitor</b>	Monitor and control wildlife onsite to ensure worker safety	Completion of secondary school, hunting and outdoor experience, Possession and Acquisition (PAL) licensed	15 to 30
<b>Heavy-Duty Equipment Technician</b> NOC: 7312	Repair, troubleshoot, adjust, overhaul and maintain mobile heavy-duty equipment	Completion of secondary school and completion of heavy-duty technician trade certification	5-20
<b>Truck Driver</b> NOC: 7511	Operate heavy trucks to transport materials	Class 1 License, Air Brake Endorsement, Transportation of Dangerous Goods certification and completion of a driver training course of up to 3 months through a vocational school or community college	375 to 775

## Secondary school completion and 1 to 5 years apprenticeship

Job Title	Brief Job Description	Skills and Qualifications	Approximate number required
<b>Carpenter</b> NOC: 7271	Construct, erect, install, maintain and repair structures made of wood or wood substitutes	Completion of secondary school and 3 to 4 year apprenticeship program	150 to 300
<b>Concrete Finisher</b> NOC: 7282	Smooth and finish freshly poured concrete, and install, maintain and restore masonry structures	Completion of Secondary school and 2 to 4 year apprenticeship program	20 to 45
<b>Crane Operator</b> NOC: 7371	Operate cranes or draglines to lift, move, position or place machinery, equipment and other large objects at construction sites	Completion of secondary school and 1 to 3 year apprenticeship program	35 to 75
<b>Electrician</b> NOC: 7241	Lie out, assemble, install, test, troubleshoot and repair electrical wiring, fixtures, control devices	Completion of secondary school and 3 to 4 year apprenticeship program	35 to 70
<b>Gas fitter</b> NOC: 7253	Install, inspect, repair and maintain gas lines and gas equipment	Completion of secondary school and 2 to 3 year apprenticeship program	20 to 45
<b>Ironworker</b> NOC: 7236	Fabricate, erect, hoist, install, repair and service structural ironwork, precast concrete, concrete reinforcing materials, curtain walls	Completion of secondary school and 2 to 3 year apprenticeship program	45 to 95
<b>Plumber</b> NOC: 7251	Install, repair and maintain pipes, fixtures and other plumbing equipment used for water distribution and waste water disposal	Completion of secondary school and 4 to 5 year apprenticeship program	30 to 60
<b>Roofer</b> NOC: 7291	Install, repair or replace flat roofs and shingles, shakes or other roofing tiles	Completion of secondary school and 2 to 3 year apprenticeship program	10 to 15
<b>Sheet Metal Worker</b> NOC: 7233	Fabricate, assemble, install and repair sheet metal products	Completion of secondary school and 3 to 5 year apprenticeship program	15 to 30
<b>Pipefitter-Steam Fitter. Sprinkler System Installer</b> NOC: 7252	Lie out, assemble, fabricate, maintain troubleshoot and repair piping systems carrying water, steam chemicals, and fuel in heating, cooling, lubricated and other process piping systems.	Completion of secondary school and 4 to 5 year apprenticeship program	25 to 55
<b>Welder</b> NOC: 7237	Operate welding equipment to weld ferrous and non-ferrous metals	Completion of secondary school and 3 year apprenticeship program	55 to 100
<b>Occupational Health and Safety Officer</b> NOC: 2263	Evaluate and monitor health and safety hazards and develop strategies to control workplace risks	Certification with the Association for Canadian Registered Safety Professionals	100 to 200

## Secondary school and college diploma or university certificate

Job Title	Brief Job Description	Skills and Qualifications	Approximate number required
<b>Biological Technician</b> NOC: 2221	Construct, erect, install, maintain and repair structures made of wood or wood substitutes	2 to 3 year college program in agriculture, biology, microbiology, wildlife and resource management	15 to 30
<b>Civil Engineering Technician</b> NOC: 2231	Smooth and finish freshly poured concrete, and install, maintain and restore masonry structures	1 or 2 year college program in civil engineering technology	30 to 70
<b>Construction Inspector</b> NOC: 2264	Operate cranes or draglines to lift, move, position or place machinery, equipment and other large objects at construction sites	Completion of secondary school and college diploma in construction, civil engineering or architectural technology plus several years of related work experience	40 to 80
<b>Soil Inspector</b> NOC: 2264	Lie out, assemble, install, test, troubleshoot and repair electrical wiring, fixtures, control devices	Completion of secondary school and relevant post-secondary training	10 to 25
<b>Bridge Inspector</b> NOC: 2264	Install, inspect, repair and maintain gas lines and gas equipment	Completion of secondary school plus a college diploma in construction, civil engineering, architectural technology, plus several years of related work experience	10 to 20
<b>Registered Professional Forester</b> NOC: 2122	Fabricate, erect, hoist, install, repair and service structural ironwork, precast concrete, concrete reinforcing materials, curtain walls	Certification as a forester or forest engineer by provincially chartered associations	10 to 25
<b>Geological Technician</b> NOC: 2212	Install, repair and maintain pipes, fixtures and other plumbing equipment used for water distribution and waste water disposal	Completion of a one to two year college program in a related field	10 to 15
<b>Geologist</b> NOC: 2113	Install, repair or replace flat roofs and shingles, shakes or other roofing tiles	University degree in geology, geochemistry, geophysics	10 to 15
<b>Survey Technologist</b> NOC: 2254	Fabricate, assemble, install and repair sheet metal products	2 to 3 year college program in geomatics or land survey technology	30 to 60
<b>Land Surveyor</b> NOC: 2154	Lie out, assemble, fabricate, maintain troubleshoot and repair piping systems carrying water, steam chemicals, and fuel in heating, cooling, lubricated and other process piping systems.	A college diploma in survey science or geomatics technology with additional academic credits and completion of land surveyor examinations.	40 to 80
<b>Non Destructive Maintenance Technician</b> NOC: 2261	Operate welding equipment to weld ferrous and non-ferrous metals	Completion of secondary school and 2 years of an approved post-secondary science or engineering	10 to 20