

Manufacturing Occupations List

Employer-Driven Stream Semi-skilled Worker Category

The specific manufacturing occupations listed are currently accepted by the AINP. They are based on the National Occupational Classification (NOC) system. This is the nationally accepted way of classifying occupations in the Canadian labour market. For more information on the NOC system visit: www5.hrsdc.gc.ca/noc/English/noc/2011/welcome.aspx. For more information on the Employer-Driven Semi-skilled Worker Category visit: www.AlbertaCanada.com/opportunity/semiskilledcriteria.

NOC code	Job title	Training/certification required
1521	Shippers and Receivers	Completion of a forklift certificate
1523	Production Logistics Co-ordinators	None
1524	Purchasing and Inventory Control Workers	Purchasing clerks require courses in purchasing management and inventory clerks require courses in production and inventory management
7521	Heavy Equipment Operator (Except Crane)	College or industry courses in heavy equipment operation or completion of a one to two year apprenticeship program
8412	Oil and Gas Well Drilling and Related Workers and Services Operators	<ul style="list-style-type: none"> ▪ Certification in first aid ▪ Certification in hydrogen sulphide awareness ▪ Certification in blowout prevention ▪ Certification in Workplace Hazardous Materials Information System (WHMIS) ▪ Certification in Transportation of Dangerous Goods (TDG) ▪ Awareness in cryogenic safety
9411	Machine Operators, Mineral and Metal Processing	None

NOC code	Job title	Training/certification required
9412	Foundry Workers	None
9414	Concrete, Clay and Stone Forming Operators	Mould makers that construct and repair wooden forms require carpentry or woodworking experience
9415	Inspectors and Testers, Mineral and Metal Processing	None
9416	Metalworking and Forging Machine Operators	None
9417	Machining Tool Operators	Completion of college level courses in machining
9421	Chemical Plant Machine Operators	<ul style="list-style-type: none"> ▪ Certification in first aid ▪ Certification in Transportation of Dangerous Goods (TDG) ▪ Fire fighting or Workplace Hazardous Materials Information System (WHMIS)
9422	Plastics Processing Machine Operators	<ul style="list-style-type: none"> ▪ Completion of Statistical Process Control (SPC) course ▪ Moulding process operators require completion of hydraulics, pneumatics and electronic systems courses
9423	Rubber Processing Machine Operators and Related Workers	None
9431	Sawmill Machine Operators	<ul style="list-style-type: none"> ▪ College courses in wood processing technology ▪ Certification in industrial first aid ▪ Head sawyers and planer operators usually require several years of experience in other sawmill machine operating positions
9432	Pulp Mill Machine Operators	<ul style="list-style-type: none"> ▪ College diploma in forest products processing or a related subject ▪ Certification in industrial first aid
9433	Papermaking and Finishing Machine Operators	None
9434	Other Wood Processing Machine Operators	Combination of college and company courses
9435	Paper Converting Machine Operators	None
9436	Lumber Graders and Other Wood Processing Inspectors and Graders	<ul style="list-style-type: none"> ▪ Graders and inspectors require experience as a sawmill machine operator, or other wood processing operator or as a labourer in wood processing ▪ Lumber graders require a lumber grader's license issued by a provincial lumber association
9437	Woodworking Machine Operators	None
9461	Process Control and Machine Operators, Food, Beverage and Associated Products Processing	None
9521	Aircraft Assemblers and Aircraft Assembly Inspectors	<ul style="list-style-type: none"> ▪ Completion of college program in aviation or aeronautical technology with emphasis on aircraft manufacturing

NOC code	Job title	Training/certification required
9523	Electronics Assemblers, Fabricators, Inspectors and Testers	<ul style="list-style-type: none"> ▪ Electronic testers require post-secondary courses in basic electronic theory, testing techniques and testing equipment ▪ Electronics inspectors and testers require experience as an electronics assembler or component fabricator
9524	Assemblers and Inspectors, Electrical Appliance, Apparatus and Equipment Manufacturing	<ul style="list-style-type: none"> ▪ Completion of college program in electronics
9525	Assemblers, Fabricators and Inspectors, Industrial Electrical Motors and Transformers	<ul style="list-style-type: none"> ▪ Completion of college courses in electricity or electrotechnology ▪ Inspectors and lead-hands require experience as an assembler, fitter or wirer
9526	Mechanical Assemblers and Inspectors	Inspectors require experience as a mechanical assembler
9527	Machine Operators and Inspectors, Electrical Apparatus Manufacturing	Inspectors require experience as an assembler
9533	Manufactured Housing Production Worker	None
9533	Prefabricated Housing Assembler	None
9534	Furniture Finishers and Refinishers	Completion of college, industry or high school level courses in furniture finishing or refinishing
9535	Plastic Products Assemblers, Finishers and Inspectors	Inspectors require experience as an assembler or finisher
9536	Industrial Painters, Coaters and Metal Finishing Process Operators	Industrial painters such as aviation painters require specialized training or college courses