

# 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: [www.hrsdc.gc.ca/noc](http://www.hrsdc.gc.ca/noc). For more information on the Employer-Driven Semi-skilled Worker Category visit: [www.AlbertaCanada.com/immigration](http://www.AlbertaCanada.com/immigration).

NOC code	Job title	Training/certification required
1471	Shipper & Receiver	Completion of a forklift certificate
1473	Production Clerks	None
1474	Purchasing & Inventory Clerks	Purchasing clerks require courses in purchasing management and inventory clerks require courses in production and inventory management
7421	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 & Gas Well Drilling Workers & Services Operators	<ul style="list-style-type: none"> <li>■ Certification in first aid</li> <li>■ Certification in hydrogen sulphide awareness</li> <li>■ Certification in blowout prevention</li> <li>■ Certification in Workplace Hazardous Materials Information System (WHMIS)</li> <li>■ Certification in Transportation of Dangerous Goods (TDG)</li> <li>■ Awareness in cryogenic safety</li> </ul>
9411	Machine Operator, Mineral & Metal Processing	None

NOC code	Job title	Training/certification required
9412	Foundry Worker	None
9414	Concrete, Clay & Stone Forming Operators	Mould makers that construct and repair wooden forms require carpentry or woodworking experience
9415	Inspectors & Testers, Mineral & Metal Processing	None
9421	Chemical Plant Machine Operator	<ul style="list-style-type: none"> <li>■ Certification in first aid</li> <li>■ Certification in Transportation of Dangerous Goods (TDG)</li> <li>■ Fire fighting or Workplace Hazardous Materials Information System (WHMIS)</li> </ul>
9422	Plastics Processing Machine Operators	<ul style="list-style-type: none"> <li>■ Completion of Statistical Process Control (SPC) course</li> <li>■ Moulding process operators require completion of hydraulics, pneumatics and electronic systems courses</li> </ul>
9423	Rubber Processing Machine Operator & related workers	None
9424	Water & Waste Plant Operators	<ul style="list-style-type: none"> <li>■ College or industry training courses in water treatment and pollution control</li> <li>■ Certification in water distribution or treatment (Levels I, II or III)</li> <li>■ Certification in Workplace Hazardous Materials Information Systems (WHMIS)</li> <li>■ Certification in Transportation of Dangerous Goods (TDG)</li> <li>■ Completion of safety practices courses</li> </ul>
9431	Sawmill Machine Operators	<ul style="list-style-type: none"> <li>■ College courses in wood processing technology</li> <li>■ Certification in industrial first aid</li> <li>■ Head sawyers and planer operators usually require several years of experience in other sawmill machine operating positions</li> </ul>
9432	Pulp Mill Machine Operators	<ul style="list-style-type: none"> <li>■ College diploma in forest products processing or a related subject</li> <li>■ Certification in industrial first aid</li> </ul>
9433	Papermaking & 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 & Other Wood Processing Inspectors & Graders	<ul style="list-style-type: none"> <li>■ Graders and inspectors require experience as a sawmill machine operator, or other wood processing operator or as a labourer in wood processing</li> <li>■ Lumber graders require a lumber grader's license issued by a provincial lumber association</li> </ul>

NOC code	Job title	Training/certification required
9461	Process Control & Machine Operators, Food & Beverage Processing	None
9481	Aircraft Assemblers & Aircraft Assembly Inspectors	<ul style="list-style-type: none"> <li>Completion of college program in aviation or aeronautical technology with emphasis on aircraft manufacturing</li> </ul>
9483	Electronics Assemblers, Fabricators, Inspectors & Testers	<ul style="list-style-type: none"> <li>Electronic testers require post-secondary courses in basic electronic theory, testing techniques and testing equipment</li> <li>Electronics inspectors and testers require experience as an electronics assembler or component fabricator</li> </ul>
9484	Assemblers & Inspectors, Electrical Appliance, Apparatus & Equipment Manufacturing	<ul style="list-style-type: none"> <li>Completion of college program in electronics</li> </ul>
9485	Assemblers, Fabricators & Inspectors, Industrial Electrical Motors & Transformers	<ul style="list-style-type: none"> <li>Completion of college courses in electricity or electro-technology</li> <li>Inspectors and lead-hands require experience as an assembler, fitter or wirer</li> </ul>
9486	Mechanical Assemblers & Inspectors	Inspectors require experience as a mechanical assembler
9487	Machine Operators & Inspectors, Electrical Apparatus Manufacturing	Inspectors require experience as an assembler
9493	Manufactured Housing Production Worker	None
9493	Prefabricated Housing Assembler	None
9494	Furniture Finishers & Refinishers	Completion of college, industry or high school level courses in furniture finishing or refinishing
9495	Plastic Products Assemblers, Finishers & Inspectors	Inspectors require experience as an assembler or finisher
9496	Painters & Coaters-Industrial	Industrial painters such as aviation painters require specialized training or college courses
9497	Plating, Metal Spraying & Related Operators	None
9511	Machining Tool Operators	Completion of college level courses in machining
9512	Forging Machine Operators	None
9513	Woodworking Machine Operators	None
9514	Metalworking Machine Operators	None