

Please check the appropriate box:

<p>Trade Qualifiers</p> <p><input type="checkbox"/></p>	<p>The <u>signature of the Journeyperson</u> following each of the required skills acknowledges the applicant has met the competencies in each of the skill areas according to the Industry Standard associated with this occupation.</p>
<p>Pre- Apprenticeship Credits</p> <p><input type="checkbox"/></p>	<p>The <u>signature of the Journeyperson</u> following each of the required skills acknowledges the applicant has performed in each of the skill areas appropriate for this occupation.</p>

- The Occupational Advisory Committee in the Industrial Mechanic (Millwright) Occupation has identified the work experiences or skills listed below as those required for the occupation.
- Journeypersons must be certified in the occupation stated by this document. A Journeyperson in another occupation may sign certain sections if the skills are common to both occupations.

Skills Required For Certification	Journeyperson Signature	Verified By Applicant
DRAFTING AND SKETCHING		
Read basic drawings and diagrams		
Sketch drawings and diagrams		
Interpret specification		
RIGGING		
Install rigging		
Tests rigging		
Maintain rigging		
Ties knots and splices rope using various types of rope		
Determine safe working loads for ropes		
Determine safe working loads for slings		
Determines safe working loads for scaffolds		
Determines safe working loads for ladders		
PRECISION MEASURING TOOLS		

Skills Required For Certification	Journeyperson Signature	Verified By Applicant
Use precision measuring tools		
Maintain precision measuring tools		
Store precision measuring tools		
OXY-FUEL WELDING		
Set up welding equipment		
Prepare metal		
Cut metal		
Weld metal		
Shut down equipment		
Disassemble equipment		
Store and maintain equipment		
VALVES		
Select valves, including gate, globe, check, safety, and pressure reducing valves		
Install valves, including gate, globe, check, safety, and pressure reducing valves		
Operate valves, including gate, globe, check, safety, and pressure reducing valves		
Maintain valves, including gate, globe, check, safety, and pressure reducing valves		
S.M.A.W.		
Use of safety equipment		
Setup equipment		
Prepare metal		
Weld metal		
Shut down equipment		
HYDRAULICS AND PNEUMATICS		
The use of basic tools		

Skills Required For Certification	Journeyperson Signature	Verified By Applicant
The use of test equipment		
Disassembling systems		
Reassembling systems		
Testing components		
Repairing components		
Replacing components		
Make adjustments		
SEALS AND BEARINGS		
Remove seals and bearings		
Select seals and bearings		
Install seals and bearings		
Maintain seals and bearings		
Troubleshoot seals and bearings		
POWER TRANSMISSIONS		
Disassemble power transmissions		
Reassemble power transmissions		
Install power transmissions		
Align power transmissions		
Maintain power transmissions		
CONVEYOR SYSTEMS		
Work with conveyor systems including disassembling pulleys and idlers		
Work with conveyor systems including reassembling pulleys and idlers		
Work with conveyor systems including aligning		
Work with conveyor systems including troubleshooting		
PREVENTATIVE MAINTENANCE		

Skills Required For Certification	Journeyperson Signature	Verified By Applicant
Align machinery		
Prepare preventive maintenance schedules and reports		
ALIGNMENT EQUIPMENT		
Set up basic alignment equipment		
Perform basic alignment		
Store basic alignment equipment		
SPECIALIZED MACHINE TOOLS		
Maintain and use stationary power saws		
Maintain and use portable saws		
Maintain and use cut-off machines		
Maintain and use contour band saws		
PRECISION LAYOUT		
Perform precision layout of bench work		
DRILL PRESSES		
Use and maintain drill presses including sharpening twist drills		
Use and maintain drill presses including drilling and reaming		
Use and maintain drill presses including cutting internal threads, utilizing cutting fluids, and restoring damaged threads		
Use and maintain drill presses cutting external threads, utilizing cutting fluids, and restoring damaged threads		
LATHES		
Use and maintain lathes including selecting tool blanks (to be obtained in the training institution or in the workplace)		
Use and maintain lathes including sharpening tool blanks (to be obtained in the training institution or in the workplace)		
Use and maintain lathes including aligning work in the lathe (to be obtained in the training institution or in the		

Skills Required For Certification	Journeyperson Signature	Verified By Applicant
workplace)		
Use and maintain lathes including performing facing (to be obtained in the training institution or in the workplace)		
Use and maintain lathes including centering (to be obtained in the training institution or in the workplace)		
Use and maintain lathes including turning (to be obtained in the training institution or in the workplace)		
Use and maintain lathes including cleaning (to be obtained in the training institution or in the workplace)		
Use and maintain lathes including storing tools		
METAL		
Shape and fabricate metal		
Determine heat ranges		
Apply heat		
Monitor colour		
Monitor temperature		
Quench		
EMERGENCY POWER SYSTEMS		
Operate and carry out preventive maintenance on emergency power systems including checking coolant levels		
Operate and carry out preventive maintenance on emergency power systems including checking battery levels		
PUMPS		
Select and install non positive displacement pumps and their component parts		
Select and install positive displacement pumps and their component parts		
Operate non positive displacement pumps		
Operate positive displacement pumps		

Skills Required For Certification	Journey person Signature	Verified By Applicant
Maintain non-positive displacement pumps		
Maintain positive displacement pumps		
Maintain stuffing boxes		
Maintain mechanical seals		
Test non-positive displacement pumps		
Test positive displacement pumps		

For Office Use Only

Credit: _____

Approved by: _____ Date: _____
month / day / year

Note To Trade Qualifier Applicants

If employer verification is not possible please contact the nearest Institutional and Industrial Education Office to discuss available options.

Contact Information

email: app@gov.nl.ca

Toll-Free Telephone: 1-877-771-3737