

Please check the appropriate box:

Trade Qualifiers <input type="checkbox"/>	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.
Pre- Apprenticeship Credits <input type="checkbox"/>	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.

- The Occupational Advisory Committee in the Truck and Transport Mechanic 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
OCCUPATIONAL SKILLS		
Perform basic S.M.A.W.		
Perform basic G.M.A.W.		
Perform basic oxy-fuel welding and cutting		
Perform Preventative Maintenance inspection		
ENGINES		
Diagnose, remove and replace cylinder heads		
Diagnose, remove and replace heavy duty engine blocks		
Diagnose, remove and replace heavy duty engine piston assemblies		
Diagnose, remove and replace heavy duty engine sleeves		
Diagnose, remove and replace heavy duty engine crankshafts, bearings and assemblies		
Diagnose, remove and replace heavy duty camshaft and bearings		
ENGINE SUPPORT SYSTEMS		
Diagnose and service fuel injection systems (electronic and mechanical)		
Remove and replace fuel injection system components (electronic and mechanical)		

Skills Required For Certification	Journeyperson Signature	Verified By Applicant
Inspect, test and repair various lubrication systems and components		
Diagnose cooling systems		
Service cooling systems		
Repair cooling systems		
Diagnose, service and maintain emission systems, including intake and exhaust systems, manifolds, P.C.V systems, and E.G.R systems		
Perform diesel engine tune-up		
AIR SYSTEMS AND BRAKES		
Diagnose, maintain and service mechanical braking systems		
Diagnose, maintain and service pneumatic braking systems		
Diagnose, maintain and service hydraulic braking systems		
Diagnose, maintain and service electrical braking systems		
Diagnose, maintain and service auxiliary braking (engine, driveline, exhaust) systems		
Remove and replace brake system components		
ELECTRICAL AND ELECTRONIC SYSTEMS		
Diagnose, replace and repair light assemblies		
Diagnose, replace and repair instrument panels		
Diagnose, replace and repair gauges		
Diagnose, service and replace batteries		
Diagnose, remove and replace on-board computers, actuators and sensors		
Access information from onboard computers, actuators, sensors		
Diagnose, service and maintain spark plugs and wires		
Diagnose, remove and replace relays		
Diagnose, remove and replace switches		
Diagnose, remove and replace voltage regulators		
Diagnose, remove and replace starting motors		
Diagnose, remove and replace alternators		
DRIVE TRAIN		
Diagnose, maintain and service differentials		
Remove and replace differentials		

Skills Required For Certification	Journeyperson Signature	Verified By Applicant
Diagnose, maintain and service drive axles		
Diagnose, maintain and service clutches		
Remove, replace and adjust clutches		
Diagnose, maintain and service drive (propel) shaft and assemblies		
Diagnose and service manual transmissions		
Remove and replace manual transmissions		
Diagnose and service transfer cases		
Remove and replace transfer cases		
Diagnose and service automatic transmissions		
Remove and replace automatic transmissions		
Diagnose, remove and replace torque converters and fluid couplers		
STEERING		
Diagnose, service and maintain king pins		
Diagnose, service and maintain power steering		
Diagnose, service and maintain steering control arms		
CHASSIS/FRAMES		
Diagnose, service and maintain chassis		
Diagnose, service, maintain and repair hitches and couplers		
SUSPENSION		
Diagnose, service and maintain shocks		
Diagnose, service and maintain suspension control arms		
Diagnose, service and maintain springs		
Diagnose, service and maintain axles		
Diagnose, service and maintain load leveling devices		
WHEELS, HUBS AND TIRES		
Diagnose, service and maintain tires and wheels		
Diagnose, maintain and service hubs and bearings		
CAB		
Diagnose, replace and repair wiper systems		
Diagnose, replace and repair horns and alarms		
Diagnose, service, replace and repair hinges and strikers		
Diagnose, service, replace and repair seat assemblies		

Skills Required For Certification	Journeyperson Signature	Verified By Applicant
Diagnose, service, replace and repair seat belts		
Diagnose, service, replace and repair cab mounts and suspension systems		
TRAILERS		
Diagnose, replace, service and repair landing gear		
Service, repair and replace body accessories and components		
CLIMATE CONTROL		
Diagnose, service and maintain heating systems		
Repair and replace heating system components		
Diagnose, service and maintain ventilation systems		
Repair and replace ventilation components		
Diagnose, service and maintain air conditioning systems		
Repair and replace air conditioning system components		
HYDRAULIC SYSTEMS		
Service and maintain hydrostatic systems		
Service, repair and replace hydraulic hoses and fittings		
Diagnose, remove and replace hydraulic pumps and motors		

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