

**Record of Work Experiences
Trade Qualifier or Pre-Apprenticeship Credits**

HEAVY DUTY EQUIPMENT TECHNICIAN

Note to Apprenticeship Applicants

The work experiences on this form are for credit only and must have been performed prior to your registration as an apprentice.

Applicant Information

Name: _____			
<i>Surname</i>	<i>First</i>	<i>Initial</i>	
Address: _____ / _____ / _____ / _____			
<i>P. O. Box/Street</i>	<i>City/Town</i>	<i>Province</i>	<i>Postal Code</i>
Telephone: (____) _____	Cell: (____) _____	Email address: _____	

Employer Information & Verification

<u>Note to Employer</u>						
By completing the section below you are confirming that the hours indicated for the applicant are specific to employment in the <u>Heavy Duty Equipment Technician Occupation.</u>						
Verified By: _____						
<i>Company Name</i>						
Address: _____ / _____ / _____ / _____						
<i>P. O. Box/Street</i>	<i>City/Town</i>	<i>Province</i>	<i>Postal Code</i>			
Telephone: (____) _____	* CRA Business #: _____					
		<i>9 Digits</i>				
_____	_____					
<i>Employer or Representative Signature</i>	<i>Employer or Representative (Print)</i>					
Date of applicant's employment from: _____ / _____ / _____ to: _____ / _____ / _____						
	<i>Month</i>	<i>Day</i>	<i>Year</i>	<i>Month</i>	<i>Day</i>	<i>Year</i>
Total Hours of Employment the applicant worked in the <u>Heavy Duty Equipment Technician Occupation:</u> _____ Hours						
* CRA - Canadian Revenue Agency						

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 Heavy Duty Equipment Technician 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		
Service and repair cooling systems		
Diagnose, service and maintain emission systems, including		

Skills Required For Certification	Journeyperson Signature	Verified By Applicant
intake and exhaust systems, manifolds, P.C.V systems, and E.G.R systems		
Inspect, test and repair various lubrication systems and components		
Perform diesel engine tune-up		
HYDRAULIC AND PNEUMATIC SYSTEMS		
Diagnose, service and maintain hydraulic systems		
Diagnose, remove and replace hydraulic valves		
Diagnose, remove and replace hydraulic pumps and motors		
Diagnose, remove and replace hydraulic actuators / cylinders		
DRIVE TRAIN		
Diagnose, maintain and service differentials		
Remove and replace differentials		
Diagnose, maintain and service wheel bearings		
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, service and repair power transmissions and final drives		
Remove and replace power transmissions and final drives		
Diagnose, remove and replace torque converters and fluid couplers		
STEERING		
Diagnose, service and maintain steering linkages		
Diagnose, service and maintain wheel assemblies (tires)		
Diagnose, service and maintain manual and power steering		
Diagnose, service and maintain steering axles		

Skills Required For Certification	Journeyperson Signature	Verified By Applicant
Diagnose, service and maintain steering systems, including articulated steering and all related mechanism		
Diagnose, service and maintain off-road (track) steering systems, including multiple disc clutches, steering and all related mechanisms		
Diagnose, service and maintain hydrostatic steering systems		
SUSPENSION		
Diagnose, service and maintain control arms		
Diagnose, service and maintain suspension / springs		
Diagnose, service and maintain undercarriage (tracked) systems		
Remove and replace suspension components		
BRAKES		
Diagnose, maintain and service mechanical braking systems		
Diagnose, maintain and service pneumatic systems		
Diagnose, maintain and service hydraulic systems		
Remove and replace brake system components		
ELECTRICAL AND ELECTRONIC SYSTEMS		
Diagnose, service, remove and replace batteries		
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		
STRUCTURAL COMPONENTS		
Service and Maintain ROPS & FOPS		
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		

Skills Required For Certification	Journeyperson Signature	Verified By Applicant
ACCESSORIES AND ATTACHMENTS		
Diagnose, replace and repair light assemblies		
Diagnose, replace and repair wiper systems		
Diagnose, replace and repair instrument panels		
Diagnose, replace and repair gauges		
Diagnose, replace and repair horns and alarms		
Diagnose, maintain and replace accessories and attachments, including blades, buckets and cutting edges		

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