

# Heavy Duty Equipment Technician

## Trade Description

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Repairs and maintains heavy-duty equipment such as bulldozers, cranes and graders

**Sector:** Motive Power

### Key Skills or Attributes:

Mechanical and mathematical aptitude, ability to work with computers, effective communication, ability to work with little or no supervision and as a team player, ability to work sequentially, good physical condition and agility

### Other Considerations (if applicable):

Considerable standing, bending, crawling, lifting, climbing, pulling and reaching. Safety is important - must be aware of impact on people, environment, work area, equipment. Risk of injury

**National Occupational Analysis:** <http://www.red-seal.ca/tr.1d.2@-eng.jsp?tid=101>

<b>Apprenticeable</b>	Y	<b>Trade Regulation Exists</b>	Y
<b>Journeyman to Apprentice Ratio</b>	1:1	<b>Compulsory Certified - ATQA</b>	N
<b>Red Seal</b>	Y	<b>Compulsory Certified - Other</b>	N

### Applicable Legislation or Regulatory Authority:

Apprenticeship and Trades Qualifications Act

**Trade Regulation Under Review:** No

**Order in Council Date:** 4/16/1996

## Training Pathways

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**Trades Qualifier Hours:** 8000      **Apprenticeship Hours:** 8000

**Training Standards:** Y      **Technical Training Available:** Y

Available Training Options (if applicable)	
Program Name:	Provider:
Heavy Duty Mechanic Program	<i>Memorial High School</i>
Diesel Repair - Industrial & Marine Certificate (1 yr)	<i>NSCC</i>
Heavy Duty Equipment/Truck & Transport Repair Certificate (1 yr)	<i>NSCC</i>
Heavy Duty Equipment/Truck & Transport Repair Diploma (2 yr)	<i>NSCC</i>

# Heavy Duty Equipment Technician

## Pre-apprenticeship Statistics

**Program Name:** Heavy Duty Equip / Truck Transport Repair Diploma

**Program Length:** 2 Yr **Program Location:** Akerley, Kingstec, Pictou

<b>Fall 2014-15 Applications 1st choice:</b>	328	<b>Enrolment 2014:</b>	99
<b>2nd choice:</b>	197	<b>Average Age:</b>	20
<b>Graduations 2014:</b>	49	<b>% Female:</b>	4.0%

**Program Name:** Heavy Duty Equip/Truck & Transport Repair Certificate

**Program Length:** 1 Yr **Program Location:** Akerley, Marconi

<b>Fall 2014-15 Applications 1st choice:</b>	73	<b>Enrolment 2014:</b>	39
<b>2nd choice:</b>	37	<b>Average Age:</b>	22.7
<b>Graduations 2014:</b>	23	<b>% Female:</b>	10%

**Program Name:**

**Program Length:** **Program Location:**

<b>Fall 2014-15 Applications 1st choice:</b>		<b>Enrolment 2014:</b>	
<b>2nd choice:</b>		<b>Average Age:</b>	
<b>Graduations 2014:</b>		<b>% Female:</b>	

**Program Name:**

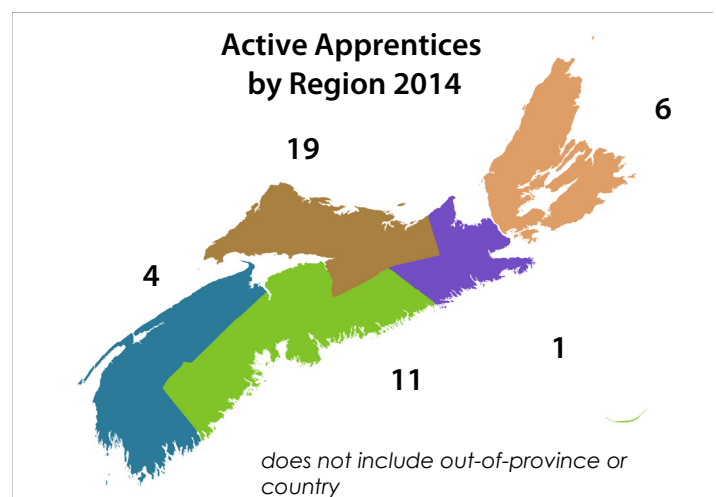
**Program Length:** **Program Location:**

<b>Fall 2014-15 Applications 1st choice:</b>		<b>Enrolment 2014:</b>	
<b>2nd Choice:</b>		<b>Average Age:</b>	
<b>Graduations 2014:</b>		<b>% Female:</b>	

## Apprenticeship Statistics

### Active Apprentices

As of Dec. 31, 2014	42
As of Dec. 31, 2013	43
# Female 2014	0
# Female 2013	0
<b>New Apprentices 2014</b>	<b>13</b>
<b>Youth Apprentices 2014, Ages 16-19</b>	<b>1</b>



# Heavy Duty Equipment Technician



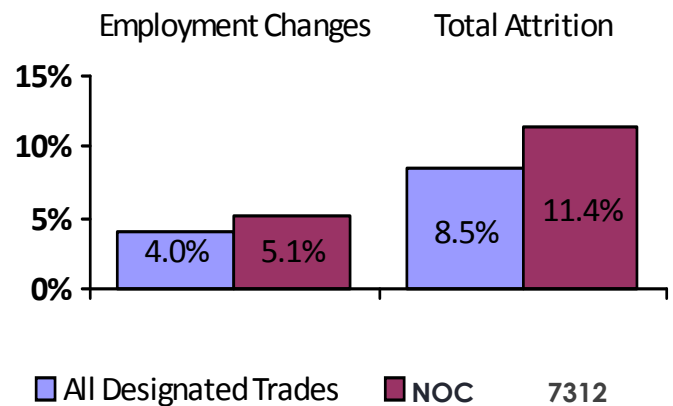
## Apprenticeship Statistics

Certificates of Qualifications (CQ) Issued, 2014	
<u>Apprentices</u>	11
Pass Rate (CQ)	100
Red Seals Issued 2014	11
<u>Trade Qualifiers</u>	11
Pass Rate (CQ)	92
Red Seals Issued 2014	11
Active Employers w/Apprentices	26
Technical Training Attendance	69
Training Sessions Cancelled	0

## Employment Outlook

Employment Prospect Call (2014-16): Fair  
(good, fair, undetermined)

### Employment Forecast (2014-16)



*Total attrition=retirements+deaths*

## Workforce Statistics

2011 NOC Title: Heavy-Duty Equipment Mechanics

2011 NOC Group: 7312

Main Industries	NAICS Code	Employment Share (%)
1 Other Industries	Other	49.4%
2 Machinery, equipment and supplies wholesaler-distributors	417	31.8%
3 Repair and maintenance	811	12.9%

	NS	Canada		NS	Canada
Employment Change, 2006-11:	25	-5125	Employment 2011:	850	42985
Median Age (years):	48	43	% Females:	0	1
EI Claims, Average Monthly 2014:	115	NA	% Self-employed:	8	8
Median Employment Income (\$):	54,600	56,600	% in a CMA/CA:	53	61
Temporary Resident Work Permits, 2014 (as of Q2 2015)	3	430	% with post-secondary credential:	86	80

## Resources

Careers Nova Scotia <http://careers.novascotia.ca/occupation/178>