

Metal Fabricator (Fitter)

Trade Description

Makes and repairs metal parts used in the construction of bridges, buildings, and boilers.

Sector: Industrial/Manufacturing

Key Skills or Attributes:

Able to visualize in 3D, good coordination, mechanical aptitude, manual dexterity & the ability to perform work related math calculations. Ability to work in close quarters with power tools, welding equipment & heavy materials. Interpret blueprints, etc.

Other Considerations (if applicable):

National Occupational Analysis: <http://www.red-seal.ca/tr.1d.2@-eng.jsp?tid=145>

Apprenticeable	Y	Trade Regulation Exists	Y
Journeyman to Apprentice Ratio	1:3 (1 in final yr)	Compulsory Certified - ATQA	N
Red Seal	Y	Compulsory Certified - Other	N

Applicable Legislation or Regulatory Authority:
Apprenticeship and Trades Qualifications Act

Trade Regulation Under Review: No

Order in Council Date: 1/21/2014

Training Pathways

Trades Qualifier Hours: 9000 **Apprenticeship Hours:** 6000

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

Available Training Options (if applicable)	
Program Name:	Provider:
Welding Program	<i>Memorial High School</i>
Welding Certified - Certificate of Accomplishment	<i>NSCC</i>
Metal Fabricating & Plating Certificate (1 yr)	<i>NSCC</i>
Metal Fabrication Diploma (2 yr)	<i>NSCC</i>
Welding Diploma (2 yr)	

Metal Fabricator (Fitter)

Pre-apprenticeship Statistics

Program Name: Certified Welding
Program Length: 22 wk **Program Location:** Akerley

Fall 2014-15 Applications 1st choice:	49	Enrolment 2014:	25
2nd choice:	30	Average Age:	24.6
Graduations 2014:	26	% Female:	8.0%

Program Name: Metal Fabrication
Program Length: 2 Yr **Program Location:** Akerley, Marconi

Fall 2014-15 Applications 1st choice:	118	Enrolment 2014:	108
2nd choice:	90	Average Age:	22.9
Graduations 2014:	27	% Female:	10%

Program Name: Welding-Diploma
Program Length: 2 Yr **Program Location:** Akerley, Burridge, Marconi, Pictou, Strait Area

Fall 2014-15 Applications 1st choice:	529	Enrolment 2014:	218
2nd choice:	353	Average Age:	21.1
Graduations 2014:	83	% Female:	14%

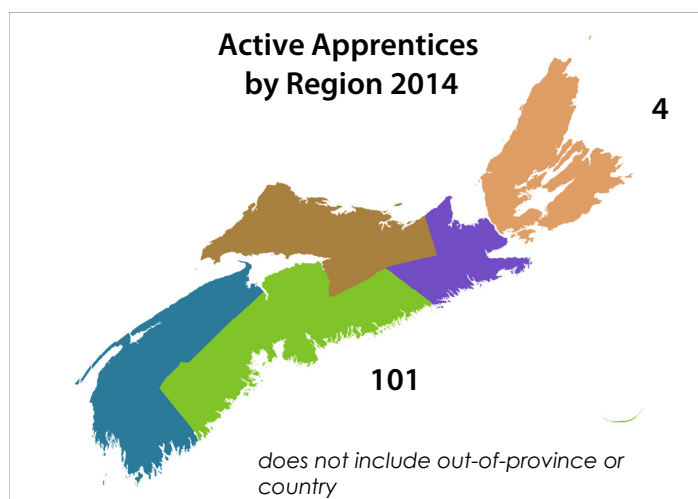
Program Name:
Program Length: **Program Location:**

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

Apprenticeship Statistics

Active Apprentices

As of Dec. 31, 2014	105
As of Dec. 31, 2013	123
# Female 2014	5
# Female 2013	2
New Apprentices 2014	16
Youth Apprentices 2014, Ages 16-19	0

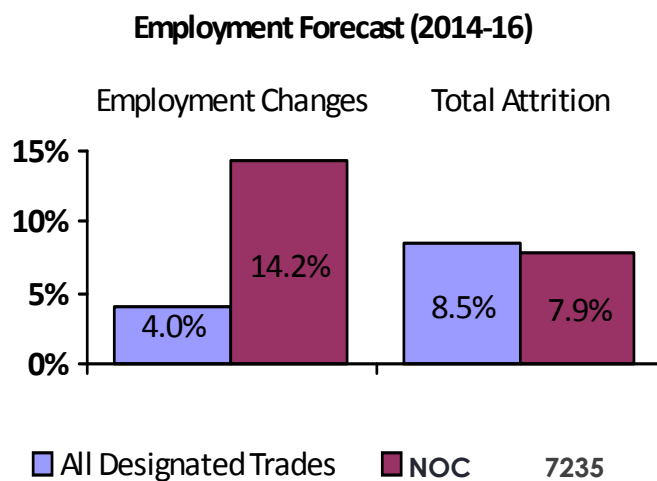


Apprenticeship Statistics

Certificates of Qualifications (CQ) Issued, 2014	
<u>Apprentices</u>	16
Pass Rate (CQ)	55
Red Seals Issued 2014	16
<u>Trade Qualifiers</u>	2
Pass Rate (CQ)	67
Red Seals Issued 2014	2
Active Employers w/Apprentices	10
Technical Training Attendance	71
Training Sessions Cancelled	1

Employment Outlook

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



Total attrition=retirements+deaths

Workforce Statistics

2011 NOC Title: Structural Metal and Platework Fabricators and Fitters

2011 NOC Group: 7235

Main Industries	NAICS Code	Employment Share (%)
1 Fabricated metal product manufacturing	332	41.6%
2 Industries	Other	34.0%
3 Primary metal manufacturing	331	14.7%

	NS	Canada		NS	Canada
Employment Change, 2006-11:	195	4970	Employment 2011:	120	6045
Median Age (years):	50	45	% Females:	0	3
EI Claims, Average Monthly 2014:	99	NA	% Self-employed:	0	5
Median Employment Income (\$):	40,900	45,000	% in a CMA/CA:	62	79
Temporary Resident Work Permits, 2014 (as of Q2 2015)	4	148	% with post-secondary credential:	71	61

Resources

Careers Nova Scotia <http://careers.novascotia.ca/occupation/346>