

## MOTIVE POWER

## NOC 7335

### SMALL ENGINE MECHANIC (A.C.A., non-restricted certified trade )

#### WORK DESCRIPTION

*What would I be doing?*

Small Engine Mechanics or Technicians test, repair, and service small gasoline and diesel-powered equipment, such as garden tractors, outboard motors, lawn mowers, and other related equipment.

Small Engine Mechanics perform some or all of the following duties:

- inspect, test and repair engines,
- inspect, test and repair mechanical parts, such as brakes and carburetor, and electrical and fuel systems,
- discuss with costumers problems, estimate costs and preventative maintenance,
- consult manufacturers' manuals and specifications,
- determine costs and estimates.
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Small Engine Mechanics normally work a standard 40-hour week. They may work shifts including weekends and holidays but the work is seasonal and slow in winter. Some mechanics work on snowmobile machines in winter. The work sometimes involves heavy lifting, bending, and standing.

#### PLACE OF WORK

*Who needs Small Engine Mechanics ?*

- dealer service shops,
- independent repair shops,
- garages,
- some small engine mechanics are self-employed.

#### CONDITIONS OF WORK

**A Small Engine Mechanic is a non-restricted certified trade.**

A person may or may not have a valid Certificate of Qualification to work in the trade. Apprenticeship is recommended. A Cooperative Education student, who is not a signed apprentice, does not have to be paid. An apprentice **may** be paid wages.

#### SALARIES/WAGES

The salary depends on the employer, years of experience, and level of training. In unionized places the wages and conditions of work are negotiated collectively.

***In the Elgin, Middlesex and Oxford area, Small Engine Mechanics can earn between \$ 8.00 and \$12.00 per hour, averaging \$10.00 per hour.***

(Next)

## PROSPECTS of EMPLOYMENT in the Elgin, Middlesex and Oxford area

### RATING: *fair*

In both the consumer and business market, when it comes to Small Engine Repairs, the trend is to replace rather than to repair.

## APPRENTICESHIP IN THE SMALL ENGINE MECHANIC TRADE

- takes about 2 to 3 years or 4 000 h, including 480 h of in-school training; prior education and experience may shorten the time to complete all the competencies,
- must complete the apprenticeship to receive a Certificate of Apprenticeship,
- there is no Certificate of Qualification in this trade,
- Interprovincial Trade Certification (Red Seal) is not available.

### In-School Education:

An OYAP student must be 16 years old and completed Grade 10 (or equivalent).

Otherwise, all apprenticeship applicants must successfully complete Grade 12 (OSSD) or equivalent. The following competencies are valuable:

English,	<i>Communication and</i>
Mathematics,	<i>mechanical skills,</i>
Science	<i>problem solving skills</i>
Transportation Technology (Mechanics).	

OYAP students must be full-time students in high school and those who obtain apprenticeships will complete the apprenticeship curriculum in college or an approved Training Delivery Agent.

**Specific skills learned in school are:**

*safety, using and maintaining hand and power tools and equipment, measuring devices, engines, shop equipment, transmission and mechanisms, electrical systems, fuel systems, frames, wheels and brakes, welding, trade calculations, trade communication.*

### On the Job Training

- As a high school Cooperative Education credit (towards O.S.S.D.), learning is connected to one of the school subjects.
- The Apprentices must follow a program in the **Apprenticeship Training Standards** book which is given to them in the workplace when they register. As each competency is achieved the employer signs it off.

## OPPORTUNITY TO GROW

A Certificate as a journeyman is not required to start working as a Small Engine Mechanic. A registration as an apprentice and becoming a journeyman are the first steps in growth. A journeyman may:

- become a foreperson or supervisor,
- start own small engines repair shop,
- work in related areas or occupations.

## RELATED OCCUPATIONS

- Automotive Service Technician,
- Motorcycle Technician,
- Heavy-Duty Equipment Technician.

## CONTACT INFORMATION

*Whom should I call?*

School Guidance/Co-Op Office

Apprenticeship Office 519 675 7788

London: 1 800 265 1050

Apprenticeship web: [www.edu.gov.on.ca](http://www.edu.gov.on.ca)

EMOLTB web site: [www.localboard.on.ca](http://www.localboard.on.ca)

Training Hotline: 1 800 387 5656

Union: