

CONSTRUCTION

NOC 7281

BRICK AND STONE MASON (T.Q.A.A., voluntary certified trade)



WORK DESCRIPTION

What would I be doing?

Brick and Stone Masons perform some or all of the following duties:

- prepare and lay bricks, stone, concrete blocks, structural tiles, and similar materials to construct or repair walls, foundations, and other structures in residential, industrial, and commercial construction,
- lay bricks or other masonry units to build residential or commercial chimneys and fireplaces, arches, patios, garden walls, and other decorative installations,
- lay radial bricks to build masonry shells of industrial chimneys,
- lay or install firebricks to line industrial chimneys and smokestacks, line or reline furnaces, kilns, boilers, using refractory or acid-resistant bricks, refractory concretes, plastic refractories and other materials.

Shift work is not unusual and a five day work week of 35 to 40 hours is standard. Work is heavy, primarily outdoors and requires good physical fitness.

PLACE OF WORK

Who needs a Brick and Stone Mason?

- construction companies,

- brick laying contractors,
- some are self-employed.

CONDITIONS OF WORK

Brick and Stone Mason is a voluntary certified trade.

A person does not have to have a valid Certificate of Qualification to work in the trade but being registered as an apprentice is recommended. Under TQAA, for **voluntary** trades, the Cooperative Education student does not have to be a registered apprentice and therefore does not have to be paid during school hours. Students who become **registered apprentices may be paid** according to the Regulations.

SALARIES/WAGES

The salary of a Brick and Stone Mason depends on the employer. In unionized places the wages and conditions of work are negotiated collectively. The rate of wages for an apprentice is a specified percentage of a journeyperson's wage according to experience and level of training.

In the Elgin, Middlesex and Oxford area Brick and Stone Masons can earn \$ 15.17 - \$ 23.48 per hour, averaging about \$ 21.67 per hour.

(Next)

PROSPECTS of EMPLOYMENT in the Elgin, Middlesex and Oxford Area

RATING: excellent

The bricklaying trade will be in need of skilled recruits. Many are approaching retirement, and the skill base will need to be replenished. The need for Brick and Stone Masons will continue to grow.

APPRENTICESHIP IN THE BRICK AND STONE MASON TRADE

- takes about 3 years or 5 600 h, including 720 h of post secondary in-school training; prior education and experience may shorten the time to complete all the competencies,
- must pass the Certificate of Qualification exam to receive both a Certificate of Apprenticeship and a Certificate of Qualification with journeyman status,
- offers (optional) an Interprovincial Trade Certification (Red Seal)

In-School Education:

An OYAP student must be 16 years old and have completed Grade 10 (or equivalent). Otherwise, completion of Grade 12 (OSSD) is advantageous. The following competencies are valuable: English, *Communication and Mathematics, Problem solving skills Design Technology (Drafting), Construction Technology (Woodworking).* 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, applied trade calculations, blue*

print reading, erecting and taking down of scaffolding, form framing, mortar mixing, hoisting.

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 needed to start working as a Brick and Stone Mason but a registration in the apprenticeship is recommended. Once the apprenticeship is completed, a journeyman may:

- become a foreperson or a supervisor,
- become an inspector,
- work in related areas or occupations.

RELATED OCCUPATIONS

- Cement Mason, Cement Finisher
- Stone Cutter, Marble Mason

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
EMOLTB web site: www.localboard.on.ca
Training Hotline: 1 800 387 5656
Union: International Union of Bricklayers & Allied Craftsmen Local 5 519 455 8083