

TOWER CRANE OPERATOR



ABOUT:

TOWER CRANES ARE MOSTLY USED ON HIGH RISE OR SKYSCRAPER CONSTRUCTION SITES TO SET FORMS, POUR CONCRETE, AND PLACE STRUCTURAL STEEL. THE TOWER CRANE OPERATOR IS A COMPULSORY CERTIFIED TRADE. ANYONE WORKING IN THIS TRADE MUST HOLD A VALID CERTIFICATE OF QUALIFICATION.

DUTIES:

- Understanding and practicing safety precautions to protect yourself and others
- Conducting pre-operational inspections
- Responsible for planning lifts, performing rigging and maintaining cranes

APPRENTICESHIP:

A Tower Crane Operator apprenticeship requires 4,000 work hours (about 2 to 3 years) including two 6-week in-school sessions.

EDUCATION/TRAINING:

- The minimum entry for apprenticeship is grade 10, however most employers require grade 12
- Completion of a 4,000 hour apprenticeship
- Completion of written examination (70% pass)
- Registration with the Ministry of Training, Colleges and Universities is required

TRAINING AVAILABILITY:

Operating Engineers Training Institute of Ontario www.oetio.com
International Union of Operating Engineers Local 793 www.iuonelocal793.org

RECOMMENDED COURSES:

- Grade 12 Mathematics college and apprenticeship (MAP 4C)
- Grade 11/12 Physics (SPH 3U, SPH 4U or SPH 4C)

POTENTIAL EARNINGS:

Apprentices progress towards earning a journeyperson's wage and many make 60% of the journeyperson's wage to start. Wages range from \$15.00 to \$35.00 per hour.