

# Hoisting Engineer - Tower Crane Operator

Certificate of Qualification 339B

*“My job is challenging, but hugely rewarding. It is important to be alert and to constantly monitor the environment around the crane.”*

Tower Crane Operator maintains and operates tower cranes to lift, move, position and place materials and equipment, working in construction, surface mining, shipbuilding, offshore drilling rigs and railway settings.

**Unionized  
Journeyman  
Wage Rate:  
\$56.49/Hr\***

**\*Based on the Greater  
Toronto-Hamilton  
Area wages, 2024**



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Strong depth perception



Excellent communication skills



Comfortable working at heights

## Entrance Requirements

- Attend an Information Session
- High school transcript or high school diploma (equivalent GED)
- Minimum 18 years of age
- Resume & Cover Letter
- Pass the Trade Entrance Exam
- Valid Ontario driver's licence
- Proof of Social Insurance Number (SIN)

## Key Skills & Attributes

- Excellent communication skills, often with hand signals
- Strong depth perception and hand-eye coordination
- Ability to estimate distances and load weights
- Enjoys working outdoors

## Apprenticeship Program

3000 hours of on-the-job training, supplemented by three sessions of in-class technical training

(schedule of which can be delivered several ways)

## Responsibilities

- Perform pre- and post-operational inspections
- Prepare, transport, assemble and dismantle mobile cranes
- Plan crane 'lifts' including calculating crane capacity and determining load weight
- Perform rigging

## Did You Know?

The lifespan of a tower crane structure can be 20 or 30 years, or more.

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