



CRANE OPERATOR

There is various type of Crane Operators; Tower Crane, Mini-Tower Crane or mobile Crane. Crane Operators maintains and operates cranes that are capable of raising, lowering, or moving materials of significant weight. Tower Cranes are often used when building tall structures. Mobile Cranes are more commonly used on various job sites to lower materials into trenches..

Program:

Students gain theoretical and practical skills needed to work in the construction industry, particularly in the field of hoisting. Crane Operation Rigging and Construction Techniques offers practical classes designed to prepare job-ready graduates while emphasizing job safety. The curriculum is divided into five specific areas, with two semesters spent on each area: introduction to cranes; rigging; job safety; maintenance; and tools.

Colleges :

- OPERATING ENGINEERS INSTITUTE OF ONTARIO- MOBILE CRANE APPRENTICESHIP
- DURHAM COLLEGE- CRANE OPERATOR RIGGING & CONSTRUCTION TECHNIQUES



N.O.C. 7371

DUTIES

- Reading Text
- Document Use
- Measurements & Calculations
- Physical work
- Problem Solving
- Critical Thinking

SKILLS

- Understanding and practicing safety precautions to protect yourself and others
- Conducting pre-operational inspections
- Responsible for planning lifts, performing rigging and maintaining cranes
- Coordination and manual dexterity
- The ability to work at heights
- The strength, stamina, and ability to use proper lifting techniques to lift items weighing in excess of 25 kg
- The ability to work as part of a team and communicate with ground crews, usually using hand signals and voice communication

EDUCATION

- High school diploma is required
- Apprenticeship: 6000 hours-5,520 hours of on-the-job and 480 hours of in-school
- Completions of a written exam (70% pass)
- Registration with the Ministry of Training, Colleges and Universities is required

HAND ASSOCIATION

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