

Crane & Hoist Equipment Operator

Technical Training Resource List

This information is for counselling purposes only. As technical training resources are updated frequently, **apprentices are advised not to purchase any items listed below until after meeting their instructor on the first day of class.** The resources listed below may be purchased from the technical training provider offering the program.

A. Required for Technical Training

Mobile Crane Operator

For All Three Periods

- [Trade Course Outline](#)

First and Third Period

1. Crane & Hoisting Equipment Operator Trade Regulation (AR 272/2000)
2. Fundamentals of Service (FOS) - Hydraulics
3. Fundamentals of Service (FOS) - Fuels, Lubricants, & Coolants
4. Workplace Hazardous Materials Information System (WHMIS) Manual
5. Mobile Crane Manual - Construction Safety Association of Ontario (CSAO)
6. IPT Crane & Rigging Training Handbook
7. Motor Transport Act – Dimensions & Weight (127/98)
8. Learning Guide F - Service Engine Support Systems MN0284
9. Learning Guide K - Operate a Lattice Boom Crawler Crane MN0289
10. Learning Guide L – Operate a Hydraulic Boom Truck Crane MN0290
11. Hatscan Occupational Health and Safety (OHS) Code
12. CAN/CSA-Z150-98 Safety Code on Mobile Cranes
13. Institutional Note Packages and Reference Material
14. For third period
 - Interprovincial Standards Red Seal Program “**Mobile Crane Operator**” [National Occupational Analysis \(NOA\)](#).

Boom Truck & Wellhead Boom Operator

First Periods

1. [Trade Course Outline](#)
2. Institutional Note packages and Reference Material
3. Crane & Hoisting Equipment Operator Trade Regulation (AR 272/2000)
4. Motor Transport Act – Dimensions & Weights (AR 127/98)
5. IPT Crane & Rigging Training Handbook
6. Learning Guide L – Operate a Hydraulic Boom Truck Crane
7. Hatscan Occupational Health and Safety (OHS) Code
8. Mobile Crane Manual – Construction Safety Association of Ontario (CSAO)
9. CAN/CSA-Z150-98 Safety Code on Mobile Cranes

Tower Crane Operator

❖ *There is no technical training available at present. These resources are for examination purposes.*

All Two Periods

1. [Trade Course Outline](#)
2. Rigging Manual , by Donald E. Dickie, P. Eng. for Construction Safety Association of Ontario
3. ASME B30.3 2004 Construction Tower Cranes
4. CSA Standard Z248-04 Code for Tower Cranes
5. IPT Crane and Rigging Handbook , by Ronald G. Garby
6. Apprenticeship and Industry Training Crane and Hoisting Equipment Operator Tower Crane Apprenticeship Course Outline 34-2-01.2 (2001)