

MOBILE CRANE OPERATOR

Level Two Examination Information

The **Mobile Crane Operator** trade level examinations are developed by the Apprenticeship and Trade Certification Commission in co-operation with a committee of worker and employer representatives selected from industry. The pass mark is 70%. Apprentices may challenge this exam only once. Examination content is based on the expectations and standards for Saskatchewan apprentices as follows:

| Subject | Percent | Number of Questions |
|----------------------------|-------------|---------------------|
| Inspection and maintenance | 21% | 21 |
| Rigging | 24% | 24 |
| Load weight calculations | 11% | 11 |
| Load charts | 15% | 15 |
| Crane setup | 15% | 15 |
| Crane operations | 14% | 14 |
| Total | 100% | 100 |

***NOTE - to pass this examination you require an overall mark of at least 70%, along with a mark of at least 70% in the Load Charts section.**

Study all areas of the trade in preparing for the examination.

To assist you, a list of reference textbooks is provided below. Note that ISBN numbers are subject to change. Please consult with your supplier to access their most current version of the text you are acquiring. It is not necessary to use these specific textbooks; you may find others which will be equally beneficial. You are encouraged to seek additional reference materials in all test areas.

- IPT's Crane & Rigging Handbook IPT Publishing and Training Ltd. Edmonton ph. 1-888-808-6763 www.uptbooks.com.
- Mobile Craning Today Operating Engineers Training Institute of Ontario ph. 1-877-543-3549 www.oetio.com.
- Mobile Cranes by Headley Crane Institute of America ph. 1-800-832-2726 www.store.craneinstitute.com.
- Mobile Crane Manual M C001 Construction Safety Assoc. of Ontario ph. 1-800-263-5024 www.ihsa.ca.
- Rigging Manual R M001 Construction Safety Assoc. of Ontario ph. 1-800-263-5024 www.ihsa.ca.
- Safety code on mobile cranes CSA Z150:20 www.csagroup.org.

Use of cell phones, electronic imaging/recording or communication equipment is not permitted. You will be required to leave immediately if any of these items are found on your person.

Please note that examinations and study information change frequently. The most recent information is available on our website at www.saskapprenticeship.ca.

Modules for the Mobile Crane Operator trade developed by the Industry Training Authority of British Columbia are also available at: www.crownpub.bc.ca under Mobile Crane Apprenticeship Program.

*Unless otherwise noted, books listed here are available through the Western Trade Training Institute: <https://wtti.parklandcollege.sk.ca/mco>.

NOTE: Textbooks **are not** usually available from libraries. When texts are being purchased, candidates should allow several weeks for delivery and several weeks for studying.

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This information is subject to change without notice.

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