

Alberta Crane Operator Practical Assessment Overview



What does the Practical Assessment include?

The practical assessment has four sections: Hand Signals, Rigging, Pre-Operational Inspection, Crane Set-up & Operation. The assessment is designed to allow you to demonstrate your skill and knowledge of safe crane operation.

The assessment takes between 2 and 2-1/2 hours to complete (between 3 and 3-1/2 hours for Conventional Cranes). You will be assessed in person by one of our Assessors who will travel to your location.

1. HAND SIGNALS

You will be required to correctly interpret hand signals given to you by the assessor.

2. RIGGING KNOWLEDGE

You will be required to correctly answer two rigging questions. Rigging charts will be provided.

3. PRE-OPERATIONAL INSPECTION

Following the crane's inspection checklist, you will demonstrate correct crane inspection including a rigging inspection. Consult the OHS Regulations on wire ropes, rigging and attachments. (It is recommended to bring this document to the assessment to use as a reference during this section of the assessment.)

4. CRANE SET-UP & OPERATION

SET-UP (Mobile Crane)

You will set up your crane and describe the hazards you need to check for to the assessor.

You will demonstrate correct use of blocking and outriggers/Stabilisers.

SET-UP (Tower Crane)

CRANE OPERATION (Mobile Crane – Without & With a Load)

You will be asked to show hook control with only chain slings attached to your hook as you move the hook to nine targets. After this you will pick up a load and land the load on nine targets. The goal is smooth controlled operation.

CRANE OPERATION (Tower Crane – With a Load)

You will be asked to show hook control attaching and removing a load and moving the load to seven targets. The goal is smooth controlled operation.

Target Course Time Limits

- Conventional, Hydraulic Mobile and Still Boom Trucks have 15 minutes without load and 15 minutes with load for a total of 30 minutes to complete this portion of the assessment.
- Articulating Boom Trucks and Wellhead Boom Trucks have 10 minutes without load and 10 minutes with load for a total of 20 minutes.
- Tower Cranes have 10 minutes with load for a total of 10 minutes.