

Ontario Crane Certification

Ontario Crane Certification - The Crane Certification Program consists of the industry recommended subject matter which would teach the safe and efficient operation of cranes. The individual will train in the following: pre-operational, operational and post operating requirements; how to identify cranes and their component parts; rigging components and inspection/rejection criteria; how to determine overall lift capacity; and requirements particular to the work place where the trainees would be working.

Pre-operational requirements include assigning authority for the pre-operational check; performing the sequential pre-operational check based on the manufacturer's specifications or specifications certified by a professional engineer; checking the log book for comments; checking the work area for obstacles and hazards; inspecting cables, hooks, chains safety latches and crane movement; ensuring the right functioning of operational controls; and knowing how to ensure the crane's disconnect switch/isolator is properly functioning.

Operational requirements include identifying responsibilities and roles, and determining the requirement for a formal lift plan. Trainees would know how to perform a danger assessment connected to environmental situations, physical conditions and workers. Subject matter comprises determining when to seek competent help, the destination of loads and the safest route, and load weight and centre of gravity.

It is vital for individuals training to be able to identify an over-capacity lift, pick proper rigging machinery, be aware of load limitations, and determine a safe place from which to operate. Trainees will review both universal and site-specific crane signals for lifts, and methods for lifting, loading and traveling. Proper maintenance practice will be covered.

Trainees will be assessed on their understanding of the need for emergency response procedures for various situations such as a mechanical or electrical failure. They would be asked to describe shut down and parking procedures for security and safety, to follow lock out and tagging procedures, and to explain the reason why near misses are recorded and reported to the right individual. Log book records must be maintained.

People training will develop knowledge of rigging, in particular, establishing who has responsibility and authority for rigging, identifying various kinds of rigging, knowing storage procedures and load capacity ratings.

The requirements after operation of the crane will be taught as well, learning to enter the deficiencies and defects; and to log the history of maintenance and service records, based on the state, provincial and federal codes requirements.

What's more, we incorporate site-specific needs to be able to meet the employers needs into our crane certification training program.