

Toronto Crane Certification

Toronto Crane Certification - The Crane Certification training program includes content recommended by industry regarding the safe and efficient operation of cranes. Trainees will learn the following: how to identify cranes and their component parts; pre-operational, operational and post-operating requirements; how to determine overall lift capacity; rigging components and inspection/rejection criteria; and needs particular to the work place where the trainees would be operating.

The requirements which have to be carried out before operating a crane like for example assigning authority for the pre-operational check; carrying out the sequential pre-operational check based on the specifications certified by a professional engineer or manufacturer's specifications; checking the log book for comments; inspecting the work area for hazards and obstacles; inspecting hooks, chains, cables, crane movement and safety latches; ensuring the right functioning of operational controls; and learning how to make sure that the crane's disconnect switch/isolator is working properly.

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

It is essential for individuals training to be able to identify an over-capacity lift, select correct rigging machinery, be aware of load restrictions, and determine a safe site from which to work. Individuals training will review both universal and site-specific crane signals for lifts, and techniques for loading, traveling and lifting. Right maintenance practice would also be covered.

The trainee will undergo an examination to test their understanding of emergency response procedures for various scenarios, specifically mechanical or electrical failures. They will be asked to describe parking and shut down procedures for security and safety, to follow lock out and tagging techniques, and to explain the reason why near misses are reported and recorded to the right individual. Log book records must be maintained.

Trainees would develop knowledge of rigging, particularly, establishing who has authority and responsibility for rigging, identifying different types of rigging, knowing load capacity ratings and storage procedures.

Post-operational requirements include entering deficiencies or defects, service and maintenance history within the log book, based on Federal, state and provincial codes requirements.

In addition, we incorporate site-specific needs to be able to meet the employers needs into our crane certification training program.