

Crane Certification Toronto

Crane Certification Toronto - The Crane Certification Program covers the industry suggested subject matter which will teach the safe and efficient operation of cranes. The individual will train in 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 location where the people training will be operating.

Pre-operational requirements include 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; checking the work place for obstacles and hazards; checking hooks, chains, cables, safety latches and crane movement; making sure of the correct functioning of operational controls; and learning how to ensure the disconnect switch/isolator of the crane is properly working.

Operational requirements include identifying roles and responsibilities, and determining the requirement for a formal lift plan. People training would learn how to carry out a hazard assessment associated to environmental circumstances, physical circumstances and workers. Subject matter includes determining when to seek competent assistance, the destination of loads and the safest route, and centre of gravity and load weight.

It is essential for individuals training to be able to identify an over-capacity lift, pick right rigging equipment, know load limitations, and determine a safe spot from which to operate. Individuals training will review both site-specific and universal crane signals for lifts, and methods for traveling, lifting and loading. Correct maintenance practice would be included.

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

The person training will know the particulars of rigging, and be taught the responsibility and authority for rigging. They will know to identify the various types of rigging, the load capacity ratings and storage procedures.

The requirements following operation of the crane would be taught also, learning to enter the deficiencies and defects; and to log the history of maintenance and service records, in accordance to the provincial, federal and state codes requirements.

Site-specific requirements can be incorporated into the safety training program based on the employer's requirements.