

Crane Certification Ottawa

Crane Certification Ottawa - The Crane Certification Program consists of the industry suggested subject matter which will 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; how to determine overall lift capacity; rigging components and inspection/rejection criteria; and requirements particular to the work location where the trainees will be working.

Pre-operational requirements comprise 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; inspecting the work area for hazards and obstacles; checking the log book for comments; inspecting chains, cables, hooks safety latches and crane movement; ensuring the correct functioning of operational controls; and learning how to make certain that the disconnect switch/isolator of the crane is correctly working.

Operational requirements include identifying roles and responsibilities, and determining the need for a formal lift plan. Individuals training would learn how to carry out a hazard assessment associated to environmental circumstances, physical conditions and workers. Subject matter consists of determining when to seek competent assistance, 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, choose right rigging machinery, know load limitations, and determine a safe place from which to work. Trainees will review both site-specific and universal crane signals for lifts, and methods for lifting, loading and traveling. Right maintenance practice would likewise be covered.

The trainee would undergo an examination to test their understanding of emergency response techniques for various conditions, 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 why near misses are recorded and reported to the appropriate individual. Log book records must be maintained.

Individuals training will develop knowledge of rigging, particularly, establishing who has responsibility and authority for rigging, identifying various types of rigging, knowing load capacity ratings and storage procedures.

Post-operational requirements comprise entering deficiencies or defects, service and maintenance history in the log book, based on state, provincial and federal codes requirements.

Additionally, we include site-specific needs to be able to meet the employers requirements into our crane certification training program.