

Crane Certification Whitby

Crane Certification Whitby - The Crane Certification Program includes the industry suggested subject matter that would teach the safe and efficient operation of cranes. The person 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 location where the trainees will be working.

Pre-operational requirements consist of assigning authority for the pre-operational check; performing the sequential pre-operational check based on the specifications certified by a professional engineer or manufacturer's specifications; inspecting the work place 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 ensure the crane's disconnect switch/isolator is working properly.

The requirements to operating a crane would comprise the identifying of responsibilities and roles, and the determination of the requirement for a formal lift plan. The person training would be taught how to do hazard assessments for the varying environmental conditions, physical conditions and workers. Subject matter includes determining when to seek competent support, the safest route and destination of loads, and centre of gravity and load weight.

It is very important for individuals training to be able to identify an over-capacity lift, choose correct rigging machine, know load limitations, and determine a safe place from which to operate. Trainees will review both universal and site-specific crane signals for lifts, and techniques for lifting, loading and traveling. Proper maintenance habits will be included.

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

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

Post-operational requirements include entering defects or deficiencies, service and maintenance history in the log book, according to provincial, federal and state codes requirements.

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