

Crane Certification Edmonton

Crane Certification Edmonton - The Crane Certification training program covers subject matter suggested by industry regarding the efficient and safe operation of cranes. People training will be taught 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 specific to the work site where the trainees will be working.

The requirements that must be done prior to operating a crane includes assigning authority for the pre-operational check; carrying out the sequential pre-operational check based on the manufacturer's specifications or specifications certified by a professional engineer; inspecting the work place for hazards and obstacles; checking the log book for comments; inspecting chains, cables, hooks crane movement and safety latches; making sure of the correct functioning of operational controls; and knowing how to make sure that the crane's disconnect switch/isolator is working right.

The requirements to operating a crane would consist of the identifying of responsibilities and roles, and the determination of the need for a formal lift plan. The person training would know how to do hazard assessments for the different environmental situations, physical circumstances and employees. Subject matter comprises 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 people training to be able to identify an over-capacity lift, select correct rigging machine, know load restrictions, and determine a safe place from which to work. People training would review both site-specific and universal crane signals for lifts, and methods for loading, traveling and lifting. Correct maintenance practice will also be covered.

People training will be assessed on their knowledge of the need for emergency response procedures for different circumstances like for instance an electrical or mechanical failure. They would be asked to describe shut down and parking procedures for safety and security, to follow lock out and tagging techniques, and to explain why near misses are recorded and reported to the right person. Log book records must be maintained.

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

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

In addition, we include site-specific requirements to meet the employers needs into our crane certification training program.