

## Nanaimo Crane Certification

Nanaimo Crane Certification - The Crane Certification Program covers the industry recommended content which would teach the efficient and safe 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; how to determine overall lift capacity; rigging components and inspection/rejection criteria; and requirements specific to the work location where the individuals training would be working.

The requirements which should be done before operating a crane like for instance assigning authority for the pre-operational check; doing the sequential pre-operational check based on the manufacturer's specifications or specifications certified by a professional engineer; checking the log book for comments; checking the work place for hazards and obstacles; inspecting hooks, chains, cables, safety latches and crane movement; making certain of the correct functioning of operational controls; and learning how to ensure the crane's disconnect switch/isolator is functioning right.

Operational requirements include identifying roles and responsibilities, and determining the need for a formal lift plan. Trainees would know how to perform a danger assessment connected to environmental conditions, physical circumstances and employees. Subject matter includes determining when to seek competent help, the destination of loads and the safest route, and load weight and centre of gravity.

It is vital for individuals training to be able to identify an over-capacity lift, select right rigging equipment, know load limits, and determine a safe position from which to operate. Trainees would review both site-specific and universal crane signals for lifts, and techniques for traveling, lifting and loading. Appropriate maintenance practice will be included.

The individuals training will undergo an examination to test their knowledge of emergency response techniques for different circumstances, specially 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 recorded and reported to the right person. Log book records should be maintained.

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

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

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