

Crane Certification Nanaimo

Crane Certification Nanaimo - The Crane Certification Program covers the industry recommended subject matter which would teach the efficient and safe operation of cranes. The person 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 requirements specific to the work site where the trainees would be operating.

The requirements which must be performed prior to operating a crane includes 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; checking the work area for hazards and obstacles; checking the log book for comments; inspecting hooks, chains, cables, safety latches and crane movement; making certain of the right functioning of operational controls; and learning how to make certain that the disconnect switch/isolator of the crane is functioning right.

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

It is very important for individuals training to be able to identify an over-capacity lift, choose appropriate rigging machinery, know load restrictions, and determine a safe position from which to work. Trainees would review both site-specific and universal crane signals for lifts, and methods for traveling, lifting and loading. Correct maintenance practice will likewise be covered.

People training would be evaluated on their knowledge of the need for emergency response procedures for various situations such as an electrical or mechanical failure. They would be asked to describe shut down and parking 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 person. Log book records have to be maintained.

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

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

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