

Crane Certification Vancouver

Crane Certification Vancouver - The Crane Certification training program covers subject matter recommended by industry concerning the efficient and safe operation of cranes. People training would 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 individuals training will be operating.

The requirements which have to be performed prior to operating a crane like for example assigning authority for the pre-operational check; doing the sequential pre-operational check based on the specifications certified by a professional engineer or manufacturer's specifications; checking the log book for comments; checking the work place for obstacles and hazards; inspecting chains, cables, hooks crane movement and safety latches; ensuring the proper functioning of operational controls; and learning how to ensure the crane's disconnect switch/isolator is correctly working.

The requirements to operating a crane would comprise the identifying of roles and responsibilities, and the determination of the need for a formal lift plan. The trainee will be taught how to do danger assessments for the varying environmental situations, physical circumstances and staff. 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 vital for trainees to be able to identify an over-capacity lift, pick appropriate rigging machine, be aware of load limitations, and determine a safe site 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 would also be included.

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

The trainee will learn the particulars of rigging, and know the responsibility and authority for rigging. They would know to identify the various kinds of rigging, storage procedures and the load capacity ratings.

Post-operational requirements include entering deficiencies or defects, service and maintenance history in the log book, based on 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.