

## **Crane Certification Coquitlam**

Crane Certification Coquitlam - The Crane Certification training program consists of content recommended by industry concerning the safe and efficient operation of cranes. People training would be taught 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 needs particular to the work location where the trainees would be working.

Pre-operational requirements comprise 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; inspecting the work area for hazards and obstacles; checking the log book for comments; checking cables, hooks, chains safety latches and crane movement; making sure of the proper functioning of operational controls; and learning how to make certain that the disconnect switch/isolator of the crane is working properly.

The requirements to operating a crane will include the identifying of roles and responsibilities, and the determination of the need for a formal lift plan. The individual training will know how to do danger assessments for the different environmental conditions, physical situations and staff. Subject matter consists of determining when to seek competent support, the destination of loads and the safest route, and centre of gravity and load weight.

It is essential for trainees to be able to identify an over-capacity lift, pick proper rigging machine, know load restrictions, and determine a safe location from which to work. Trainees will review both universal and site-specific crane signals for lifts, and techniques for lifting, loading and traveling. Appropriate maintenance habits will be included.

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

The person training would know the particulars of rigging, and know the responsibility and authority for rigging. They will know to identify the different types of rigging, the load capacity ratings and storage procedures.

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

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