

## Penticton Crane Certification

Penticton Crane Certification - The Crane Certification Program consists of the industry recommended subject matter 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; rigging components and inspection/rejection criteria; how to determine overall lift capacity; and requirements particular to the work site where the people training will be operating.

The requirements which need to be performed prior to operating a crane includes 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 area for hazards and obstacles; inspecting hooks, chains, cables, crane movement and safety latches; ensuring the correct functioning of operational controls; and learning how to make sure that the crane's disconnect switch/isolator is properly 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 person training will be taught how to do danger assessments for the varying environmental conditions, physical conditions and staff. Subject matter includes determining when to seek competent support, the safest route and destination of loads, and load weight and centre of gravity.

It is very important for people training to be able to identify an over-capacity lift, pick right rigging equipment, be aware of load limitations, and determine a safe position from which to operate. Individuals training will review both site-specific and universal crane signals for lifts, and methods for loading, traveling and lifting. Correct maintenance habits will be covered.

The trainee would undergo an examination to test their understanding of emergency response procedures for different circumstances, particularly 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 appropriate person. Log book records should be maintained.

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

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

Site-specific needs could be incorporated into the safety training program according to the employer's requirements.