

Crane Certification Penticton

Crane Certification Penticton - The Crane Certification training program covers subject matter recommended by industry concerning the efficient and safe operation of cranes. Individuals training would be taught the following: how to identify cranes and their component parts; pre-operational, operational and post-operating requirements; rigging components and inspection/rejection criteria; how to determine overall lift capacity; and requirements particular to the work place where the trainees would be operating.

The requirements that should be carried out before 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 obstacles and hazards; checking the log book for comments; checking chains, cables, hooks safety latches and crane movement; ensuring the correct functioning of operational controls; and learning how to ensure the disconnect switch/isolator of the crane is properly functioning.

Operational requirements include identifying roles and responsibilities, and determining the need for a formal lift plan. Individuals training would know how to perform a hazard assessment associated to environmental situations, physical conditions and staff. Subject matter includes determining when to seek competent help, the safest route and destination of loads, and centre of gravity and load weight.

Individuals training should be able to identify an over-capacity lift, in addition to be able to choose correct rigging equipment, choose load limitations, and to determine the safe location for the crane to work from. Trainees would review both universal and site-specific crane signals for lifts, and methods for lifting, loading and traveling. Proper maintenance practice will likewise be included.

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

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

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

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