

Kamloops Crane Certification

Kamloops Crane Certification - The Crane Certification Program consists of the industry recommended content which will teach the safe and efficient operation of cranes. The individual will train in 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 specific to the work place where the people training would be operating.

The requirements that must be carried out before operating a crane like for example assigning authority for the pre-operational check; performing the sequential pre-operational check based on the manufacturer's specifications or specifications certified by a professional engineer; checking the log book for comments; inspecting the work area for obstacles and hazards; inspecting chains, cables, hooks crane movement and safety latches; making sure of the right functioning of operational controls; and knowing how to make sure that the disconnect switch/isolator of the crane is properly functioning.

Operational requirements comprise identifying roles and responsibilities, and determining the need for a formal lift plan. Trainees would be taught how to carry out a danger assessment associated to environmental circumstances, physical conditions and employees. 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 very important for people training to be able to identify an over-capacity lift, pick correct rigging machinery, be aware of load restrictions, and determine a safe location from which to operate. Individuals training would review both site-specific and universal crane signals for lifts, and techniques for traveling, lifting and loading. Right maintenance practice would be covered.

Individuals training will be assessed on their understanding of the need for emergency response procedures for various scenarios such as a mechanical or electrical failure. They would be asked to describe parking and shut down procedures for safety and security, to follow lock out and tagging procedures, and to explain why near misses are recorded and reported to the appropriate person. Log book records must be maintained.

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

Post-operational requirements consist of entering defects or deficiencies, service and maintenance history in the log book, according to Federal, state and provincial codes requirements.

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