

Crane Certification Fort McMurray

Crane Certification Fort McMurray - The Crane Certification Program consists of the industry recommended subject matter that would 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 particular to the work place where the people training will be working.

The requirements that have to be carried out prior to operating a crane includes 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; inspecting the work place for hazards and obstacles; checking the log book for comments; checking hooks, chains, cables, crane movement and safety latches; ensuring the right functioning of operational controls; and learning how to make certain that the crane's disconnect switch/isolator is functioning properly.

The requirements to operating a crane would consist of the identifying of responsibilities and roles, and the determination of the requirement for a formal lift plan. The person training would be taught how to do danger assessments for the different environmental conditions, physical situations and workers. Subject matter comprises determining when to seek competent aid, the destination of loads and the safest route, and centre of gravity and load weight.

It is essential for people training to be able to identify an over-capacity lift, pick appropriate rigging machinery, know load restrictions, and determine a safe place from which to work. Trainees would review both site-specific and universal crane signals for lifts, and techniques for traveling, lifting and loading. Proper maintenance practice will also be included.

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

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

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

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