

Crane Certification Prince George

Crane Certification Prince George - The Crane Certification Program covers the industry suggested content that will teach the safe and efficient operation of cranes. The person would 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 needs particular to the work place where the individuals training will be operating.

Pre-operational requirements consist of assigning authority for the pre-operational check; doing 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; checking cables, hooks, chains crane movement and safety latches; ensuring the right functioning of operational controls; and learning how to make sure that the crane's disconnect switch/isolator is working properly.

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

It is vital for trainees to be able to identify an over-capacity lift, select proper rigging machine, be aware of load limits, and determine a safe place from which to work. Individuals training will review both universal and site-specific crane signals for lifts, and methods for loading, traveling and lifting. Right maintenance practice would be included.

People training will be assessed on their knowledge of the need for emergency response procedures for various conditions like for example an electrical or mechanical failure. They would be asked to describe shut down and parking procedures for safety and security, to follow lock out and tagging procedures, and to explain the reason why near misses are recorded and reported to the right individual. Log book records need to be maintained.

Individuals training would develop knowledge of rigging, particularly, establishing who has responsibility and authority for rigging, identifying different kinds of rigging, knowing storage procedures and load capacity ratings.

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

In addition, we incorporate site-specific requirements in order to meet the employers needs into our crane certification training program.