

## Ottawa Crane Certification

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

The requirements which must be done before operating a crane such as 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; inspecting the work area for obstacles and hazards; checking the log book for comments; inspecting hooks, chains, cables, crane movement and safety latches; making sure of the right functioning of operational controls; and knowing how to make sure that the crane's disconnect switch/isolator is functioning right.

Operational requirements consist of identifying responsibilities and roles, and determining the requirement for a formal lift plan. Individuals training would learn how to carry out a hazard assessment connected to environmental circumstances, physical situations and staff. Subject matter comprises determining when to seek competent assistance, the destination of loads and the safest route, and centre of gravity and load weight.

It is essential for trainees to be able to identify an over-capacity lift, select correct rigging equipment, know load restrictions, and determine a safe place from which to work. Trainees will review both site-specific and universal crane signals for lifts, and methods for traveling, lifting and loading. Correct maintenance practice would be included.

People training would be evaluated on their knowledge of the need for emergency response procedures for different circumstances such as an electrical or mechanical failure. They will be asked to describe shut down and parking procedures for safety and security, to follow tagging and lock out procedures, and to explain the reason why near misses are reported and recorded to the appropriate person. Log book records must be maintained.

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

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

Also, we incorporate site-specific needs to be able to meet the employers needs into our crane certification training program.