

## Oakville Crane Certification

Oakville Crane Certification - The Crane Certification training program covers subject matter suggested by industry concerning the safe and efficient 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; how to determine overall lift capacity; rigging components and inspection/rejection criteria; and needs specific to the work site where the individuals training would be working.

The requirements which have to be done before operating a crane such as 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; inspecting chains, cables, hooks safety latches and crane movement; making sure of the proper functioning of operational controls; and learning how to ensure the disconnect switch/isolator of the crane is properly working.

The requirements to operating a crane would include the identifying of responsibilities and roles, and the determination of the need for a formal lift plan. The trainee will learn how to do hazard assessments for the different environmental situations, physical conditions and staff. Subject matter consists of determining when to seek competent support, the safest route and destination of loads, and load weight and centre of gravity.

It is very important for trainees to be able to identify an over-capacity lift, pick right rigging equipment, know load limitations, and determine a safe spot from which to operate. Trainees would review both site-specific and universal crane signals for lifts, and methods for traveling, lifting and loading. Correct maintenance practice will be covered.

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

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

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

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