## Oshawa Crane Certification

Oshawa Crane Certification - The Crane Certification Program includes the industry suggested content which would teach the safe and efficient operation of cranes. The person would train in 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 particular to the work location where the people 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 specifications certified by a professional engineer or manufacturer's specifications; checking the log book for comments; inspecting the work place for obstacles and hazards; checking chains, cables, hooks crane movement and safety latches; ensuring the proper functioning of operational controls; and learning how to make sure that the disconnect switch/isolator of the crane is properly working.

The requirements to operating a crane will include the identifying of responsibilities and roles, and the determination of the requirement for a formal lift plan. The person training will be taught how to do hazard assessments for the different environmental conditions, physical circumstances and workers. Subject matter includes determining when to seek competent assistance, the destination of loads and the safest route, and load weight and centre of gravity.

It is very important for trainees to be able to identify an over-capacity lift, select correct rigging machine, know load limitations, and determine a safe place from which to operate. Trainees will review both universal and site-specific crane signals for lifts, and methods for lifting, loading and traveling. Correct maintenance habits would likewise be included.

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

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

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

Site-specific needs could be incorporated into the safety training program according to the employer's needs.