Mississauga Crane Certification

Mississauga Crane Certification - The Crane Certification Program covers the industry suggested content that will 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 needs specific to the work location where the people training will be operating.

The requirements that need to be done prior to operating a crane such as 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 place for hazards and obstacles; inspecting chains, cables, hooks crane movement and safety latches; ensuring the right functioning of operational controls; and learning how to make sure that the disconnect switch/isolator of the crane is working right.

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 would know how to do hazard assessments for the different environmental situations, physical circumstances and staff. Subject matter includes determining when to seek competent aid, 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, select proper rigging equipment, be aware of load limits, and determine a safe location from which to operate. Trainees will review both universal and site-specific crane signals for lifts, and methods for lifting, loading and traveling. Appropriate maintenance practice would be included.

The trainee would undergo an examination to test their knowledge of emergency response techniques for various scenarios, particularly mechanical or electrical failures. They will be asked to describe parking and shut down procedures for security and safety, 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.

The individual training will be taught the particulars of rigging, and know the responsibility and authority for rigging. They will learn to identify the various kinds of rigging, the load capacity ratings and storage procedures.

Post-operational requirements consist of entering deficiencies or defects, service and maintenance history within the log book, according to state, provincial and federal codes requirements.

What's more, we include site-specific requirements in order to meet the employers needs into our crane certification training program.