

Crane Certification Richmond Hill

Crane Certification Richmond Hill - The Crane Certification training program covers subject matter suggested by industry concerning the efficient and safe operation of cranes. People training will learn 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 needs specific to the work site where the individuals training will be working.

Pre-operational requirements comprise assigning authority for the pre-operational check; carrying out 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; inspecting chains, cables, hooks safety latches and crane movement; ensuring the correct functioning of operational controls; and learning how to make certain that the crane's disconnect switch/isolator is working right.

The requirements to operating a crane will include the identifying of responsibilities and roles, and the determination of the need for a formal lift plan. The individual training will learn how to do hazard assessments for the varying environmental conditions, physical circumstances and workers. Subject matter comprises determining when to seek competent aid, the destination of loads and the safest route, and load weight and centre of gravity.

It is very important for individuals training to be able to identify an over-capacity lift, choose right rigging machinery, be aware of load limitations, and determine a safe site from which to operate. Individuals training will review both site-specific and universal crane signals for lifts, and methods for loading, traveling and lifting. Proper maintenance practice will be covered.

The trainee would undergo an examination to test their understanding of emergency response procedures 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 appropriate person. Log book records have to be maintained.

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

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

Additionally, we include site-specific needs to meet the employers needs into our crane certification training program.