St Catharines Crane Certification

St Catharines Crane Certification - The Crane Certification Program covers the industry suggested content which would 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; how to determine overall lift capacity; rigging components and inspection/rejection criteria; and needs particular to the work location where the people training would be operating.

The requirements that must be performed prior to operating a crane includes 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; checking the work place for obstacles and hazards; checking hooks, chains, cables, safety latches and crane movement; ensuring the right functioning of operational controls; and learning how to ensure the disconnect switch/isolator of the crane is correctly functioning.

Operational requirements comprise identifying roles and responsibilities, and determining the need for a formal lift plan. Trainees would be taught how to carry out a danger assessment related to environmental situations, physical situations and employees. Subject matter consists of determining when to seek competent support, the destination of loads and the safest route, and load weight and centre of gravity.

It is essential for individuals training to be able to identify an over-capacity lift, pick proper rigging equipment, be aware of load limitations, and determine a safe spot from which to operate. Trainees would review both universal and site-specific crane signals for lifts, and techniques for traveling, lifting and loading. Appropriate maintenance habits will be covered.

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

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

The requirements after operation of the crane would be taught as well, learning to enter the defects and deficiencies; and to log the history of maintenance and service records, in accordance to the state, provincial and federal codes requirements.

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