Barrie Crane Certification

Barrie Crane Certification - The Crane Certification Program consists of the industry suggested subject matter that will teach the efficient and safe 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; rigging components and inspection/rejection criteria; how to determine overall lift capacity; and needs specific to the work place where the people 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; checking the work area for hazards and obstacles; checking hooks, chains, cables, safety latches and crane movement; making certain of the proper functioning of operational controls; and knowing how to make sure that the disconnect switch/isolator of the crane is properly working.

Operational requirements comprise identifying roles and responsibilities, and determining the need for a formal lift plan. People training would learn how to perform a hazard assessment connected to environmental situations, physical conditions and workers. Subject matter consists of determining when to seek competent support, the destination of loads and the safest route, and centre of gravity and load weight.

It is vital for trainees to be able to identify an over-capacity lift, select proper rigging equipment, be aware of load limitations, and determine a safe spot from which to work. Trainees will review both site-specific and universal crane signals for lifts, and techniques for loading, traveling and lifting. Appropriate maintenance practice would likewise be covered.

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

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

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

Site-specific requirements can be included into the safety training program based on the employer's needs.