Crane Certification Markham

Crane Certification Markham - The Crane Certification training program consists of subject matter recommended by industry concerning the efficient and safe operation of cranes. People training would learn the following: pre-operational, operational and post operating requirements; how to identify cranes and their component parts; rigging components and inspection/rejection criteria; how to determine overall lift capacity; and needs particular to the work site where the people training will be operating.

The requirements which have to be done before 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; inspecting the work place for obstacles and hazards; checking the log book for comments; inspecting cables, hooks, chains safety latches and crane movement; ensuring the proper functioning of operational controls; and knowing how to make sure that the crane's disconnect switch/isolator is properly working.

Operational requirements comprise identifying responsibilities and roles, and determining the requirement for a formal lift plan. People training would learn how to carry out a hazard assessment related to environmental situations, physical conditions and workers. Subject matter comprises determining when to seek competent help, the safest route and destination of loads, and load weight and centre of gravity.

Individuals training should be able to identify an over-capacity lift, in addition to be able to choose right rigging machinery, select load limits, and to determine the safe spot for the crane to work from. Trainees would review both universal and site-specific crane signals for lifts, and methods for lifting, loading and traveling. Right maintenance practice will be included.

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

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

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

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