Crane Certification Ontario

Crane Certification Ontario - The Crane Certification training program consists of content suggested by industry about the safe and efficient operation of cranes. Trainees would be taught 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 requirements specific to the work place where the individuals training will be working.

The requirements which need to 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; inspecting the work place for hazards and obstacles; checking the log book for comments; checking hooks, chains, cables, safety latches and crane movement; making sure of the correct functioning of operational controls; and learning how to ensure the disconnect switch/isolator of the crane is working correctly.

Operational requirements include identifying roles and responsibilities, and determining the need for a formal lift plan. Trainees would be taught how to perform a hazard assessment related to environmental situations, physical conditions and staff. Subject matter includes determining when to seek competent assistance, the safest route and destination of loads, and load weight and centre of gravity.

People training should be able to identify an over-capacity lift, in addition to be able to select appropriate rigging equipment, select load limitations, and to determine the safe location for the crane to operate from. Trainees will review both universal and site-specific crane signals for lifts, and methods for traveling, lifting and loading. Right maintenance practice would also be covered.

The person training will undergo an examination to test their knowledge of emergency response procedures for different conditions, specially electrical or mechanical 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 right individual. Log book records have to be maintained.

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

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

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