Crane Certification Kelowna

Crane Certification Kelowna - The Crane Certification Program covers the industry recommended subject matter which will 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; rigging components and inspection/rejection criteria; how to determine overall lift capacity; 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; inspecting the work area for hazards and obstacles; checking the log book for comments; inspecting chains, cables, hooks safety latches and crane movement; ensuring the right functioning of operational controls; and learning how to make certain that the crane's disconnect switch/isolator is functioning properly.

The requirements to operating a crane would include the identifying of roles and responsibilities, and the determination of the need for a formal lift plan. The individual training would be taught how to do hazard assessments for the different environmental conditions, physical situations and staff. Subject matter consists of determining when to seek competent help, the destination of loads and the safest route, and load weight and centre of gravity.

It is essential for trainees to be able to identify an over-capacity lift, pick correct rigging equipment, know load limits, and determine a safe site from which to work. Individuals training would review both universal and site-specific crane signals for lifts, and techniques for lifting, loading and traveling. Correct maintenance practice will be covered.

The trainee would undergo an examination to test their knowledge of emergency response procedures for different circumstances, particularly electrical or mechanical failures. They will be asked to describe shut down and parking 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 must be maintained.

Individuals training will develop knowledge of rigging, in particular, establishing who has authority and responsibility for rigging, identifying different kinds of rigging, knowing storage procedures and load capacity ratings.

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

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