Crane Certification BC

Crane Certification BC - The Crane Certification training program includes content suggested by industry about the efficient and safe operation of cranes. Trainees would be taught 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 trainees will be operating.

The requirements that should be performed before operating a crane such as assigning authority for the pre-operational check; performing the sequential pre-operational check based on the specifications certified by a professional engineer or manufacturer's specifications; inspecting the work area for obstacles and hazards; checking the log book for comments; checking cables, hooks, chains crane movement and safety latches; ensuring the proper functioning of operational controls; and knowing how to make certain that the disconnect switch/isolator of the crane is working right.

Operational requirements consist of identifying roles and responsibilities, and determining the requirement for a formal lift plan. Individuals training would be taught how to perform a hazard assessment related to environmental circumstances, physical circumstances and employees. Subject matter includes determining when to seek competent help, the safest route and destination of loads, and load weight and centre of gravity.

Individuals training must be able to identify an over-capacity lift, in addition to be able to pick correct rigging machinery, choose load limits, and to determine the safe spot for the crane to operate from. Trainees will review both universal and site-specific crane signals for lifts, and methods for loading, traveling and lifting. Proper maintenance habits will be included.

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

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

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

Site-specific needs can be incorporated into the safety training program according to the employer's needs.