

Burlington Crane Certification

Burlington Crane Certification - The Crane Certification Program consists of the industry recommended content that will teach the safe and efficient operation of cranes. The individual would train in 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 requirements specific to the work location where the people training will be operating.

Pre-operational requirements include assigning authority for the pre-operational check; doing the sequential pre-operational check based on the manufacturer's specifications or specifications certified by a professional engineer; checking the work place for hazards and obstacles; checking the log book for comments; checking chains, cables, hooks crane movement and safety latches; ensuring the proper functioning of operational controls; and learning how to make certain that the disconnect switch/isolator of the crane is functioning right.

Operational requirements include identifying responsibilities and roles, and determining the need for a formal lift plan. Individuals training would be taught how to perform a danger assessment related to environmental circumstances, physical circumstances and staff. Subject matter includes determining when to seek competent aid, 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, pick appropriate rigging machine, know load limits, and determine a safe location from which to work. People training will review both site-specific and universal crane signals for lifts, and methods for loading, traveling and lifting. Appropriate maintenance habits would also be included.

Trainees would be evaluated on their knowledge of the need for emergency response procedures for various situations like for instance an electrical or mechanical failure. They will be asked to describe shut down and parking procedures for safety and security, to follow tagging and lock out procedures, and to explain why near misses are recorded and reported to the right individual. Log book records must be maintained.

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

The requirements after operation of the crane will be taught as well, learning to enter the defects and deficiencies; 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.