

Vernon Crane Certification

Vernon Crane Certification - The Crane Certification training program covers subject matter recommended by industry regarding the safe and efficient operation of cranes. People training will learn 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 particular to the work site where the trainees will be working.

The requirements which should be carried out prior to operating a crane like for instance assigning authority for the pre-operational check; doing the sequential pre-operational check based on the specifications certified by a professional engineer or manufacturer's specifications; checking the log book for comments; inspecting the work place for hazards and obstacles; inspecting cables, hooks, chains safety latches and crane movement; ensuring the right functioning of operational controls; and knowing how to ensure the disconnect switch/isolator of the crane is working properly.

The requirements to operating a crane will include the identifying of responsibilities and roles, and the determination of the need for a formal lift plan. The individual training will be taught how to do hazard assessments for the different environmental circumstances, physical conditions and workers. Subject matter includes determining when to seek competent assistance, 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, choose appropriate rigging machine, know load limits, and determine a safe position from which to work. Trainees would review both site-specific and universal crane signals for lifts, and techniques for lifting, loading and traveling. Appropriate maintenance practice will likewise be included.

Trainees will be evaluated on their knowledge of the need for emergency response procedures for different situations like for example an electrical or mechanical failure. 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 why near misses are recorded and reported to the right person. Log book records should be maintained.

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

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 provincial, federal and state codes requirements.

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