

Crane Certification Vaughan

Crane Certification Vaughan - The Crane Certification Program covers the industry recommended content that will teach the efficient and safe operation of cranes. The person will train in the following: pre-operational, operational and post operating requirements; how to identify cranes and their component parts; how to determine overall lift capacity; rigging components and inspection/rejection criteria; and requirements specific to the work site where the trainees will be working.

Pre-operational requirements include 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; inspecting the work area for obstacles and hazards; checking the log book for comments; inspecting chains, cables, hooks crane movement and safety latches; making certain of the proper functioning of operational controls; and knowing how to make sure that the disconnect switch/isolator of the crane is properly functioning.

Operational requirements comprise identifying roles and responsibilities, and determining the need for a formal lift plan. Trainees would know how to carry out a danger assessment related to environmental conditions, physical circumstances and staff. Subject matter consists of determining when to seek competent aid, the safest route and destination of loads, and centre of gravity and load weight.

It is very important for people training to be able to identify an over-capacity lift, select proper rigging machine, know load limits, and determine a safe spot from which to operate. Trainees will review both universal and site-specific crane signals for lifts, and techniques for loading, traveling and lifting. Appropriate maintenance habits would also be covered.

People training will be evaluated on their knowledge of the need for emergency response procedures for different circumstances such as an electrical or mechanical failure. They would be asked to describe parking and shut down procedures for security and safety, to follow lock out and tagging procedures, and to explain why near misses are recorded and reported to the appropriate person. Log book records must be maintained.

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

Post-operational requirements consist of entering deficiencies or defects, maintenance and service history within the log book, according to provincial, federal and state codes requirements.

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