

Crane Certification Oakville

Crane Certification Oakville - The Crane Certification Program consists of the industry recommended subject matter that would teach the efficient and safe operation of cranes. The person would 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 needs specific to the work location where the people training would be operating.

The requirements that must be performed before operating a crane includes assigning authority for the pre-operational check; performing the sequential pre-operational check based on the manufacturer's specifications or specifications certified by a professional engineer; checking the log book for comments; checking the work area for obstacles and hazards; inspecting chains, cables, hooks safety latches and crane movement; making sure of the correct functioning of operational controls; and learning how to ensure the disconnect switch/isolator of the crane is correctly functioning.

Operational requirements include identifying roles and responsibilities, and determining the requirement for a formal lift plan. Trainees will be taught how to perform a danger assessment related to environmental situations, physical circumstances and staff. Subject matter includes determining when to seek competent assistance, the destination of loads and the safest route, and load weight and centre of gravity.

It is essential for individuals training to be able to identify an over-capacity lift, choose appropriate rigging machine, be aware of load limits, and determine a safe position from which to operate. Trainees will review both site-specific and universal crane signals for lifts, and techniques for traveling, lifting and loading. Right maintenance habits would likewise be covered.

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

People training will develop knowledge of rigging, particularly, establishing who has responsibility and authority for rigging, identifying various kinds of rigging, knowing load capacity ratings and storage procedures.

Post-operational requirements include entering deficiencies or defects, service and maintenance history in the log book, according to Federal, state and provincial codes requirements.

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