

Whitby Crane Certification

Whitby Crane Certification - The Crane Certification Program covers the industry recommended content which would teach the efficient and safe operation of cranes. The person will train in 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 location where the individuals training will be operating.

The requirements which have to be performed before operating a crane like for instance 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 work place for hazards and obstacles; 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 sure that the crane's disconnect switch/isolator is functioning correctly.

The requirements to operating a crane will comprise the identifying of responsibilities and roles, and the determination of the need for a formal lift plan. The person training would be taught how to do danger assessments for the different environmental situations, physical conditions and staff. Subject matter comprises determining when to seek competent help, the destination of loads and the safest route, and load weight and centre of gravity.

People training should be able to identify an over-capacity lift, in addition to be able to pick appropriate rigging machinery, select load restrictions, and to determine the safe place 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. Right maintenance habits will likewise be included.

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

Trainees will develop knowledge of rigging, in particular, establishing who has authority and responsibility for rigging, identifying various types of rigging, knowing storage procedures and load capacity ratings.

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

Furthermore, we include site-specific needs to be able to meet the employers needs into our crane certification training program.