

Crane Certification Vernon

Crane Certification Vernon - The Crane Certification training program covers content suggested by industry about the efficient and safe operation of cranes. Trainees will know 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 needs specific to the work location where the trainees will be operating.

Pre-operational requirements include 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; inspecting the work place for obstacles and hazards; checking the log book for comments; checking cables, hooks, chains safety latches and crane movement; ensuring the right functioning of operational controls; and knowing how to ensure the crane's disconnect switch/isolator is properly working.

Operational requirements consist of identifying responsibilities and roles, and determining the requirement for a formal lift plan. Individuals training will be taught how to perform a hazard assessment connected to environmental conditions, physical conditions and employees. Subject matter comprises determining when to seek competent help, the safest route and destination of loads, and load weight and centre of gravity.

Individuals training should be able to identify an over-capacity lift, in addition to be able to pick right rigging equipment, choose load restrictions, and to determine the safe spot for the crane to work from. Trainees will review both universal and site-specific crane signals for lifts, and techniques for loading, traveling and lifting. Right maintenance habits will be included.

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

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

The requirements following operation of the crane would be taught too, learning to enter the deficiencies and defects; and to log the history of service and maintenance records, based on the provincial, federal and state codes requirements.

Additionally, we incorporate site-specific requirements to be able to meet the employers requirements into our crane certification training program.