

Crane Certification Sudbury

Crane Certification Sudbury - The Crane Certification Program consists of the industry recommended content which would teach the efficient and safe operation of cranes. The individual 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 requirements specific to the work place where the individuals training would be operating.

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

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 trainee would know how to do danger assessments for the different environmental situations, physical situations and staff. Subject matter includes determining when to seek competent help, the safest route and destination of loads, and centre of gravity and load weight.

It is essential for people training to be able to identify an over-capacity lift, pick correct rigging machinery, be aware of load limits, and determine a safe position from which to work. People training will review both universal and site-specific crane signals for lifts, and methods for loading, traveling and lifting. Correct maintenance practice would also be included.

Trainees would be evaluated on their understanding of the need for emergency response procedures for various circumstances such as a mechanical or electrical failure. They will 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 reported and recorded to the right individual. Log book records must be maintained.

The person training would know the particulars of rigging, and know the responsibility and authority for rigging. They would know to identify the different types of rigging, the load capacity ratings and storage procedures.

The requirements following operation of the crane will be taught also, learning to enter the deficiencies and defects; and to log the history of service and maintenance records, in accordance to the state, provincial and federal codes requirements.

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