

Seattle Crane Certification

Seattle Crane Certification - The Crane Certification training program covers content suggested by industry concerning the efficient and safe operation of cranes. Individuals training would 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 particular to the work site where the individuals training will be working.

The requirements which need to be carried out prior to 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; inspecting the work area for obstacles and hazards; checking the log book for comments; inspecting cables, hooks, chains crane movement and safety latches; ensuring the proper functioning of operational controls; and knowing how to make certain that the disconnect switch/isolator of the crane is properly working.

The requirements to operating a crane will comprise the identifying of responsibilities and roles, and the determination of the requirement for a formal lift plan. The trainee will know how to do hazard assessments for the varying environmental conditions, physical conditions and staff. Subject matter comprises determining when to seek competent help, the safest route and destination of loads, and load weight and centre of gravity.

It is vital for trainees to be able to identify an over-capacity lift, pick proper rigging machine, know load limitations, and determine a safe position from which to work. Individuals training will review both site-specific and universal crane signals for lifts, and techniques for traveling, lifting and loading. Proper maintenance habits would be covered.

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

People training will 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, service and maintenance history within the log book, according to Federal, state and provincial codes requirements.

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