

Crane Certification Glendale

Crane Certification Glendale - The Crane Certification Program consists of the industry suggested subject matter which will teach the safe and efficient operation of cranes. The individual would train in the following: how to identify cranes and their component parts; pre-operational, operational and post-operating requirements; how to determine overall lift capacity; rigging components and inspection/rejection criteria; and needs particular to the work site where the trainees will be operating.

The requirements which must be performed before operating a crane such as assigning authority for the pre-operational check; doing the sequential pre-operational check based on the manufacturer's specifications or specifications certified by a professional engineer; checking the log book for comments; inspecting the work place for hazards and obstacles; inspecting chains, cables, hooks safety latches and crane movement; making sure of the correct functioning of operational controls; and knowing how to make certain that the disconnect switch/isolator of the crane is properly working.

Operational requirements include identifying roles and responsibilities, and determining the requirement for a formal lift plan. People training will know how to perform a danger assessment connected to environmental conditions, physical situations and workers. Subject matter comprises determining when to seek competent support, the destination of loads and the safest route, and centre of gravity and load weight.

Individuals 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 spot for the crane to work from. Trainees would review both universal and site-specific crane signals for lifts, and methods for traveling, lifting and loading. Proper maintenance habits would be covered.

The person training would undergo an examination to test their understanding of emergency response procedures for various circumstances, specially mechanical or electrical failures. They would be asked to describe shut down and parking procedures for safety and security, to follow tagging and lock out procedures, and to explain why near misses are recorded and reported to the appropriate person. Log book records have to be maintained.

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

Post-operational requirements include entering deficiencies or defects, service and maintenance history within the log book, based on provincial, federal and state codes requirements.

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