

Crane Certification Phoenix

Crane Certification Phoenix - The Crane Certification Program covers the industry suggested content that would teach the safe and efficient operation of cranes. The person would train in the following: pre-operational, operational and post operating requirements; how to identify cranes and their component parts; how to determine overall lift capacity; rigging components and inspection/rejection criteria; and needs particular to the work location where the trainees would be operating.

Pre-operational requirements comprise assigning authority for the pre-operational check; carrying out the sequential pre-operational check based on the manufacturer's specifications or specifications certified by a professional engineer; checking the log book for comments; checking the work area for hazards and obstacles; inspecting chains, cables, hooks safety latches and crane movement; making sure of the proper functioning of operational controls; and knowing how to ensure the crane's disconnect switch/isolator is working correctly.

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

Trainees must be able to identify an over-capacity lift, in addition to be able to pick right rigging machinery, choose load restrictions, and to determine the safe spot for the crane to operate from. Individuals training would review both site-specific and universal crane signals for lifts, and methods for traveling, lifting and loading. Appropriate maintenance habits would be covered.

The person training would undergo an examination to test their understanding of emergency response procedures for various situations, specifically mechanical or electrical failures. They would be asked to describe shut down and parking 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 person. Log book records should be maintained.

The trainee would learn the particulars of rigging, and learn the responsibility and authority for rigging. They will know to identify the various types of rigging, storage procedures and the load capacity ratings.

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

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