

## **Crane Certification Casa Grande**

Crane Certification Casa Grande - The Crane Certification Program includes the industry recommended content that would teach the safe and efficient operation of cranes. The individual will train in 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 requirements specific to the work site where the trainees would be operating.

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

The requirements to operating a crane would consist of the identifying of roles and responsibilities, and the determination of the requirement for a formal lift plan. The individual training will be taught how to do danger assessments for the varying environmental conditions, physical situations and employees. Subject matter consists of determining when to seek competent assistance, the destination of loads and the safest route, and load weight and centre of gravity.

Individuals training should be able to identify an over-capacity lift, in addition to be able to choose appropriate rigging machinery, choose load limitations, and to determine the safe place for the crane to work from. Trainees will review both universal and site-specific crane signals for lifts, and techniques for traveling, lifting and loading. Proper maintenance practice will be included.

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

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

The requirements following operation of the crane would 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 requirements into our crane certification training program.