Crane Certification Saskatoon

Crane Certification Saskatoon - The Crane Certification training program covers content suggested by industry about the safe and efficient operation of cranes. Trainees will be taught 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 specific to the work site where the trainees will be operating.

Pre-operational requirements comprise 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; checking the log book for comments; inspecting the work place for obstacles and hazards; inspecting chains, cables, hooks crane movement and safety latches; ensuring the correct functioning of operational controls; and learning how to make certain that the disconnect switch/isolator of the crane is properly functioning.

Operational requirements include identifying responsibilities and roles, and determining the requirement for a formal lift plan. Trainees will learn how to perform a danger assessment connected to environmental conditions, physical situations and workers. Subject matter includes determining when to seek competent assistance, 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 select right rigging equipment, select load limits, and to determine the safe location for the crane to operate from. Individuals training will review both site-specific and universal crane signals for lifts, and techniques for lifting, loading and traveling. Correct maintenance practice would be covered.

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

Trainees will develop knowledge of rigging, in particular, establishing who has responsibility and authority for rigging, identifying various types of rigging, knowing storage procedures and load capacity ratings.

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

Site-specific requirements could be incorporated into the safety training program based on the employer's requirements.