Saskatoon Crane Certification

Saskatoon Crane Certification - The Crane Certification training program consists of subject matter suggested by industry about the efficient and safe operation of cranes. People training would learn the following: how to identify cranes and their component parts; pre-operational, operational and post-operating requirements; rigging components and inspection/rejection criteria; how to determine overall lift capacity; and requirements particular to the work place where the trainees will be operating.

The requirements which must be carried out prior to operating a crane like for example 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 work place for hazards and obstacles; checking the log book for comments; inspecting hooks, chains, cables, safety latches and crane movement; making certain of the correct functioning of operational controls; and knowing how to make certain that the crane's disconnect switch/isolator is functioning right.

The requirements to operating a crane will include the identifying of roles and responsibilities, and the determination of the need for a formal lift plan. The person training will know how to do danger assessments for the different environmental situations, physical situations and employees. Subject matter includes determining when to seek competent aid, the destination of loads and the safest route, and centre of gravity and load weight.

It is very important for individuals training to be able to identify an over-capacity lift, choose right rigging machinery, be aware of load limits, and determine a safe site from which to work. Trainees would review both universal and site-specific crane signals for lifts, and techniques for traveling, lifting and loading. Appropriate maintenance habits will be included.

Trainees would be evaluated on their knowledge of the need for emergency response procedures for different circumstances like a mechanical or electrical failure. They will be asked to describe parking and shut down procedures for security and safety, to follow lock out and tagging procedures, and to explain the reason why near misses are recorded and reported to the right individual. Log book records have to be maintained.

Individuals training will develop knowledge of rigging, particularly, establishing who has authority and responsibility for rigging, identifying different types of rigging, knowing load capacity ratings and storage procedures.

The requirements following operation of the crane will be taught as well, learning to enter the deficiencies and defects; and to log the history of service and maintenance records, based on the state, provincial and federal codes requirements.

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