Kelowna Crane Certification

Kelowna Crane Certification - The Crane Certification training program includes content recommended by industry about the safe and efficient operation of cranes. People training would be taught 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 specific to the work site where the trainees would be working.

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

Operational requirements comprise identifying roles and responsibilities, and determining the need for a formal lift plan. People training will learn how to carry out a hazard assessment related to environmental circumstances, physical circumstances and employees. Subject matter includes determining when to seek competent support, the safest route and destination of loads, and centre of gravity and load weight.

Individuals training should be able to identify an over-capacity lift, in addition to be able to choose appropriate rigging machine, choose load restrictions, and to determine the safe spot for the crane to operate from. Individuals training would review both universal and site-specific crane signals for lifts, and techniques for traveling, lifting and loading. Appropriate maintenance practice will be included.

Individuals training would be evaluated on their understanding of the need for emergency response procedures for different conditions like for example a mechanical or electrical failure. They would be asked to describe parking and shut down procedures for security and safety, to follow tagging and lock out techniques, and to explain the reason why near misses are recorded and reported to the right 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 types of rigging, knowing storage procedures and load capacity ratings.

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

In addition, we include site-specific needs to be able to meet the employers requirements into our crane certification training program.