Crane Certification Moose Jaw

Crane Certification Moose Jaw - The Crane Certification training program includes subject matter suggested by industry regarding the efficient and safe operation of cranes. Individuals training would know 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 needs specific to the work place where the individuals training will be operating.

The requirements that need to be done before operating a crane such as 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; checking the log book for comments; checking the work area for hazards and obstacles; inspecting hooks, chains, cables, safety latches and crane movement; ensuring the correct functioning of operational controls; and knowing how to ensure the disconnect switch/isolator of the crane is functioning correctly.

Operational requirements include identifying responsibilities and roles, and determining the requirement for a formal lift plan. Trainees would know how to perform a hazard assessment associated to environmental conditions, physical situations and workers. Subject matter includes determining when to seek competent support, the destination of loads and the safest route, and load weight and centre of gravity.

It is vital for individuals training to be able to identify an over-capacity lift, select correct rigging machine, know load limits, and determine a safe site from which to operate. People training would review both site-specific and universal crane signals for lifts, and techniques for lifting, loading and traveling. Appropriate maintenance practice will be included.

Trainees will be assessed on their understanding of the need for emergency response procedures for different scenarios such as a mechanical or electrical failure. They will be asked to describe parking and shut down procedures for security and safety, to follow tagging and lock out procedures, and to explain why near misses are recorded and reported to the right person. Log book records must be maintained.

The person training would be taught the particulars of rigging, and learn the responsibility and authority for rigging. They would know to identify the various kinds of rigging, storage procedures and the load capacity ratings.

Post-operational requirements comprise entering defects or deficiencies, service and maintenance history within the log book, according to state, provincial and federal codes requirements.

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