Crane Certification Kamloops

Crane Certification Kamloops - The Crane Certification Program consists of the industry suggested subject matter that will teach the efficient and safe 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 needs specific to the work location where the trainees will be operating.

The requirements that need to be done prior to operating a crane such as assigning authority for the pre-operational check; performing the sequential pre-operational check based on the specifications certified by a professional engineer or manufacturer's specifications; checking the log book for comments; inspecting the work area for obstacles and hazards; checking cables, hooks, chains safety latches and crane movement; ensuring the proper functioning of operational controls; and learning how to ensure the disconnect switch/isolator of the crane is properly functioning.

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

People training must be able to identify an over-capacity lift, in addition to be able to select appropriate rigging machine, select load limits, and to determine the safe spot for the crane to operate from. People training would review both site-specific and universal crane signals for lifts, and methods for traveling, lifting and loading. Proper maintenance habits will be included.

The trainee would undergo an examination to test their understanding of emergency response procedures for different scenarios, specially mechanical or electrical failures. They would 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 reported and recorded to the right person. Log book records must be maintained.

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

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

Additionally, we include site-specific needs in order to meet the employers requirements into our crane certification training program.