Crane Certification Regina

Crane Certification Regina - The Crane Certification Program covers the industry suggested content which would teach the safe and efficient operation of cranes. The person will train in the following: pre-operational, operational and post operating requirements; how to identify cranes and their component parts; how to determine overall lift capacity; rigging components and inspection/rejection criteria; and needs specific to the work location where the individuals training will be working.

Pre-operational requirements include 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 work area for obstacles and hazards; checking the log book for comments; checking hooks, chains, cables, crane movement and safety latches; making certain of the correct functioning of operational controls; and knowing how to make sure that the crane's disconnect switch/isolator is properly working.

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 trainee will learn how to do danger assessments for the different environmental conditions, physical circumstances and workers. Subject matter consists of determining when to seek competent aid, the destination of loads and the safest route, and centre of gravity and load weight.

People training must be able to identify an over-capacity lift, in addition to be able to choose right rigging machine, choose load limits, and to determine the safe place for the crane to work from. Trainees would review both site-specific and universal crane signals for lifts, and methods for loading, traveling and lifting. Right maintenance practice will be included.

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

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

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

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