

Moose Jaw Crane Certification

Moose Jaw Crane Certification - The Crane Certification training program consists of subject matter suggested by industry about the safe and efficient operation of cranes. People training will know 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 requirements specific to the work place where the people training will be operating.

The requirements which need to be done before operating a crane like for example assigning authority for the pre-operational check; performing the sequential pre-operational check based on the manufacturer's specifications or specifications certified by a professional engineer; checking the log book for comments; checking the work area for obstacles and hazards; checking hooks, chains, cables, safety latches and crane movement; making sure of the proper functioning of operational controls; and knowing how to make certain that the crane's disconnect switch/isolator is correctly functioning.

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

It is essential for trainees to be able to identify an over-capacity lift, select right rigging machine, be aware of load limits, and determine a safe site from which to work. People training would review both universal and site-specific crane signals for lifts, and methods for traveling, lifting and loading. Correct maintenance practice would be included.

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

The trainee will learn the particulars of rigging, and learn the responsibility and authority for rigging. They would learn to identify the various types of rigging, storage procedures and the load capacity ratings.

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

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