

## **Mount Vernon Crane Certification**

Marysville Crane Certification - The Crane Certification Program includes the industry recommended subject matter that will teach the safe and efficient 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 requirements specific to the work site where the trainees will be operating.

Pre-operational requirements comprise 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 hazards and obstacles; checking cables, hooks, chains crane movement and safety latches; ensuring the right functioning of operational controls; and knowing how to ensure the crane's disconnect switch/isolator is functioning right.

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

It is very important for people training to be able to identify an over-capacity lift, choose right rigging equipment, know load limits, and determine a safe spot from which to work. Individuals training will review both site-specific and universal crane signals for lifts, and methods for traveling, lifting and loading. Proper maintenance habits would also be included.

The person training will undergo an examination to test their knowledge of emergency response techniques for various scenarios, particularly electrical or mechanical failures. They would be asked to describe shut down and parking procedures for safety and security, 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.

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

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

Also, we incorporate site-specific requirements to be able to meet the employers requirements into our crane certification training program.