

## Prince George Crane Certification

Prince George Crane Certification - The Crane Certification training program covers content suggested by industry about the safe and efficient operation of cranes. People training would know the following: how to identify cranes and their component parts; pre-operational, operational and post-operating requirements; how to determine overall lift capacity; rigging components and inspection/rejection criteria; and needs particular to the work site where the individuals training would be working.

The requirements which should be done prior to operating a crane includes assigning authority for the pre-operational check; doing the sequential pre-operational check based on the specifications certified by a professional engineer or manufacturer's specifications; checking the work place for obstacles and hazards; checking the log book for comments; checking chains, cables, hooks crane movement and safety latches; ensuring the right functioning of operational controls; and learning how to make sure that the crane's disconnect switch/isolator is properly working.

Operational requirements include identifying roles and responsibilities, and determining the need for a formal lift plan. Individuals training would be taught how to perform a danger assessment connected to environmental circumstances, physical circumstances and workers. Subject matter includes determining when to seek competent assistance, the destination of loads and the safest route, and centre of gravity and load weight.

Individuals training should be able to identify an over-capacity lift, in addition to be able to pick appropriate rigging equipment, select load limitations, and to determine the safe position for the crane to work from. Trainees will review both universal and site-specific crane signals for lifts, and techniques for traveling, lifting and loading. Appropriate maintenance habits will be included.

The individuals training will undergo an examination to test their knowledge of emergency response procedures for different conditions, particularly mechanical or electrical failures. 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 appropriate individual. Log book records should be maintained.

The person training would learn the particulars of rigging, and learn the authority and responsibility for rigging. They will know to identify the different types of rigging, the load capacity ratings and storage procedures.

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

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