Crane Certification Prince Albert

Crane Certification Prince Albert - The Crane Certification Program covers the industry recommended subject matter that will teach the safe and efficient operation of cranes. The individual will train in the following: how to identify cranes and their component parts; pre-operational, operational and post-operating requirements; rigging components and inspection/rejection criteria; how to determine overall lift capacity; and needs particular to the work location where the trainees would be operating.

The requirements which have to be done prior to operating a crane includes 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; inspecting the work area for obstacles and hazards; checking the log book for comments; inspecting hooks, chains, cables, safety latches and crane movement; making sure of the proper functioning of operational controls; and knowing how to make sure that the disconnect switch/isolator of the crane is functioning correctly.

Operational requirements comprise identifying responsibilities and roles, and determining the need for a formal lift plan. Trainees will be taught how to perform a danger assessment related to environmental circumstances, physical conditions and staff. Subject matter comprises determining when to seek competent aid, the destination of loads and the safest route, and load weight and centre of gravity.

People training should be able to identify an over-capacity lift, in addition to be able to choose correct rigging machinery, select load limitations, and to determine the safe site for the crane to operate from. Trainees would review both site-specific and universal crane signals for lifts, and techniques for lifting, loading and traveling. Proper maintenance practice would be included.

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

People training will develop knowledge of rigging, in particular, establishing who has authority and responsibility for rigging, identifying various types of rigging, knowing 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, in accordance to the federal, state and provincial codes requirements.

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