

Red Deer Crane Certification

Red Deer Crane Certification - The Crane Certification training program includes content recommended by industry concerning the safe and efficient operation of cranes. People training would be taught 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 site where the trainees will be operating.

Pre-operational requirements include assigning authority for the pre-operational check; carrying out the sequential pre-operational check based on the specifications certified by a professional engineer or manufacturer's specifications; checking the log book for comments; inspecting the work area for obstacles and hazards; inspecting chains, cables, hooks safety latches and crane movement; ensuring the proper functioning of operational controls; and knowing how to make sure that the crane's disconnect switch/isolator is working right.

Operational requirements consist of identifying responsibilities and roles, and determining the need for a formal lift plan. People training will know how to perform a hazard assessment related to environmental situations, physical conditions and employees. Subject matter consists of determining when to seek competent support, the safest route and destination of loads, and load weight and centre of gravity.

Trainees should be able to identify an over-capacity lift, in addition to be able to select appropriate rigging equipment, choose load limits, and to determine the safe spot 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 habits would be included.

People training will be evaluated on their understanding of the need for emergency response procedures for different conditions like a mechanical or electrical failure. They would be asked to describe shut down and parking procedures for security and safety, to follow lock out and tagging procedures, and to explain the reason why near misses are reported and recorded to the appropriate individual. Log book records have to be maintained.

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

Post-operational requirements consist of entering defects or deficiencies, service and maintenance history within the log book, based on Federal, state and provincial codes requirements.

In addition, we incorporate site-specific needs to meet the employers requirements into our crane certification training program.