Fort Mcmurray Crane Certification

Fort Mcmurray Crane Certification - The Crane Certification Program includes the industry suggested content that would teach the efficient and safe operation of cranes. The person will train in 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 specific to the work place where the people training would be working.

Pre-operational requirements include 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 log book for comments; checking the work place for obstacles and hazards; checking cables, hooks, chains safety latches and crane movement; ensuring the proper functioning of operational controls; and knowing how to ensure the crane's disconnect switch/isolator is working right.

The requirements to operating a crane will comprise the identifying of responsibilities and roles, and the determination of the need for a formal lift plan. The trainee would be taught how to do hazard assessments for the different environmental conditions, physical conditions and employees. Subject matter comprises determining when to seek competent aid, the safest route and destination of loads, and centre of gravity and load weight.

Trainees should be able to identify an over-capacity lift, in addition to be able to pick correct rigging machine, choose load restrictions, and to determine the safe place for the crane to work from. Individuals training will review both site-specific and universal crane signals for lifts, and techniques for traveling, lifting and loading. Right maintenance habits will also be covered.

The trainee will undergo an examination to test their understanding of emergency response techniques for different situations, particularly electrical or mechanical failures. They would be asked to describe shut down and parking procedures for security and safety, to follow lock out and tagging techniques, and to explain the reason why near misses are reported and recorded to the appropriate individual. Log book records have to be maintained.

The individual training will learn the particulars of rigging, and know the authority and responsibility for rigging. They would be taught to identify the various types of rigging, the 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 maintenance and service records, in accordance to the provincial, federal and state codes requirements.

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