Tukwila Crane Certification

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

Pre-operational requirements comprise 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; inspecting the work area for obstacles and hazards; checking chains, cables, hooks safety latches and crane movement; making certain of the correct functioning of operational controls; and learning how to ensure the disconnect switch/isolator of the crane is correctly functioning.

The requirements to operating a crane would comprise the identifying of roles and responsibilities, and the determination of the requirement for a formal lift plan. The individual training will learn how to do danger assessments for the different environmental situations, physical situations and employees. Subject matter consists of determining when to seek competent help, the destination of loads and the safest route, and load weight and centre of gravity.

It is very important for trainees to be able to identify an over-capacity lift, choose correct rigging equipment, be aware of load limits, and determine a safe location from which to operate. Trainees would review both universal and site-specific crane signals for lifts, and techniques for loading, traveling and lifting. Right maintenance practice would be covered.

The person training would undergo an examination to test their understanding of emergency response techniques for various conditions, specifically 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 reported and recorded to the right person. Log book records should be maintained.

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

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

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