Crane Certification Langley

Crane Certification Langley - The Crane Certification training program consists of subject matter suggested by industry about the efficient and safe operation of cranes. People training would know 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 requirements specific to the work location where the trainees would be operating.

The requirements which need to be carried out before operating a crane such as assigning authority for the pre-operational check; carrying out the sequential pre-operational check based on the manufacturer's specifications or specifications certified by a professional engineer; checking the log book for comments; inspecting the work place for hazards and obstacles; checking cables, hooks, chains safety latches and crane movement; making sure of the proper functioning of operational controls; and learning how to ensure the disconnect switch/isolator of the crane is properly functioning.

Operational requirements comprise identifying roles and responsibilities, and determining the need for a formal lift plan. People training will know how to carry out a hazard assessment related to environmental circumstances, physical conditions and employees. Subject matter comprises determining when to seek competent assistance, the safest route and destination of loads, and centre of gravity and load weight.

It is very important for people training to be able to identify an over-capacity lift, choose right rigging equipment, be aware of load limitations, and determine a safe site from which to work. Individuals training would review both site-specific and universal crane signals for lifts, and methods for loading, traveling and lifting. Proper maintenance habits would be covered.

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

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

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

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