Crane Certification Kingston

Crane Certification Kingston - The Crane Certification Program includes the industry recommended subject matter which would teach the safe and efficient operation of cranes. The individual would 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 location where the trainees will be working.

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

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 would learn how to do hazard assessments for the different environmental conditions, physical situations and staff. Subject matter comprises determining when to seek competent support, the destination of loads and the safest route, and centre of gravity and load weight.

Individuals training must 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 position for the crane to operate from. Individuals training will review both universal and site-specific crane signals for lifts, and techniques for lifting, loading and traveling. Correct maintenance habits will also be included.

The person training will undergo an examination to test their knowledge of emergency response procedures for different circumstances, specially mechanical or electrical 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 the reason why near misses are reported and recorded to the appropriate person. Log book records must be maintained.

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

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

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