Crane Certification Cambridge

Crane Certification Cambridge - The Crane Certification Program includes the industry suggested content that will teach the efficient and safe operation of cranes. The individual would 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 requirements particular to the work site where the people training will be operating.

The requirements that must be carried out prior to operating a crane includes 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; inspecting the work area for obstacles and hazards; checking the log book for comments; checking chains, cables, hooks crane movement and safety latches; making certain of the right functioning of operational controls; and knowing how to ensure the disconnect switch/isolator of the crane is functioning properly.

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

It is very important for individuals training to be able to identify an over-capacity lift, select appropriate rigging machine, know load restrictions, and determine a safe place from which to work. Trainees will review both site-specific and universal crane signals for lifts, and techniques for lifting, loading and traveling. Appropriate maintenance habits would be covered.

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

The trainee will be taught the particulars of rigging, and be taught the authority and responsibility for rigging. They would learn to identify the various types of rigging, the load capacity ratings and storage procedures.

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

Site-specific requirements could be incorporated into the safety training program according to the employer's requirements.