Crane Certification Brampton

Crane Certification Brampton - The Crane Certification training program consists of subject matter recommended by industry regarding the efficient and safe operation of cranes. Trainees will know 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 specific to the work place where the trainees would be operating.

Pre-operational requirements include assigning authority for the pre-operational check; carrying out 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; inspecting cables, hooks, chains crane movement and safety latches; making sure of the right functioning of operational controls; and learning how to ensure the crane's disconnect switch/isolator is correctly functioning.

Operational requirements include identifying responsibilities and roles, and determining the need for a formal lift plan. Individuals training will learn how to carry out a danger assessment related to environmental conditions, physical situations and employees. Subject matter consists of determining when to seek competent support, the safest route and destination of loads, and load weight and centre of gravity.

Individuals training must be able to identify an over-capacity lift, in addition to be able to pick correct rigging equipment, choose load restrictions, and to determine the safe location for the crane to operate from. Individuals training would review both universal and site-specific crane signals for lifts, and techniques for lifting, loading and traveling. Appropriate maintenance practice would be covered.

Trainees will be assessed on their understanding of the need for emergency response procedures for various conditions such as a mechanical or electrical failure. They will be asked to describe parking and shut down procedures for safety and security, to follow tagging and lock out procedures, and to explain the reason why near misses are recorded and reported to the appropriate individual. Log book records need to be maintained.

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

The requirements following operation of the crane will be taught as well, learning to enter the deficiencies and defects; and to log the history of maintenance and service records, based on the federal, state and provincial codes requirements.

Furthermore, we include site-specific needs in order to meet the employers needs into our crane certification training program.