Crane Certification Surrey

Crane Certification Surrey - The Crane Certification Program covers the industry recommended subject matter which would teach the safe and efficient 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; rigging components and inspection/rejection criteria; how to determine overall lift capacity; and requirements specific to the work place where the trainees will be working.

Pre-operational requirements include 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; ensuring the right functioning of operational controls; and learning how to ensure the crane's disconnect switch/isolator is properly working.

Operational requirements consist of identifying roles and responsibilities, and determining the need for a formal lift plan. Individuals training will know how to carry out a danger assessment associated to environmental situations, physical circumstances and workers. Subject matter comprises determining when to seek competent assistance, the safest route and destination of loads, and load weight and centre of gravity.

Trainees must be able to identify an over-capacity lift, in addition to be able to select right rigging machinery, select load restrictions, and to determine the safe site for the crane to work from. Trainees would review both universal and site-specific crane signals for lifts, and techniques for traveling, lifting and loading. Right maintenance habits would likewise be covered.

Trainees will be assessed on their understanding of the need for emergency response procedures for different scenarios like for example a mechanical or electrical failure. They will be asked to describe shut down and parking procedures for safety and security, to follow lock out and tagging procedures, and to explain why near misses are reported and recorded to the right person. Log book records should be maintained.

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

The requirements following operation of the crane would be taught too, learning to enter the defects and deficiencies; and to log the history of service and maintenance records, in accordance to the provincial, federal and state codes requirements.

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