

## Port Coquitlam Crane Certification

Port Coquitlam Crane Certification - The Crane Certification training program includes subject matter suggested by industry regarding the safe and efficient operation of cranes. People training would 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 needs particular to the work location where the individuals training will be working.

Pre-operational requirements comprise assigning authority for the pre-operational check; doing the sequential pre-operational check based on the manufacturer's specifications or specifications certified by a professional engineer; checking the log book for comments; checking the work area for hazards and obstacles; checking hooks, chains, cables, crane movement and safety latches; ensuring the proper functioning of operational controls; and knowing how to make sure that the crane's disconnect switch/isolator is correctly functioning.

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

It is very important for individuals training to be able to identify an over-capacity lift, select correct rigging machine, know load limitations, and determine a safe place from which to operate. People training will review both site-specific and universal crane signals for lifts, and methods for loading, traveling and lifting. Proper maintenance practice will also be covered.

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

The trainee will learn the particulars of rigging, and be taught the responsibility and authority for rigging. They would learn to identify the different 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 state, provincial and federal codes requirements.

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