

## Overhead Crane Safety Training Port Coquitlam

Overhead Crane Safety Training Port Coquitlam - Overhead crane safety training equips operators with skills and knowledge regarding crane safety precautions, materials handling, accident avoidance, and machinery and stock protection. Trainees will learn the types of overhead cranes, their capabilities and their uses in various industry settings. For operators who are licensed and trained, the shift in liability moves to the operator from the company. Thus, the program emphasizes individual operator tasks.

The operators in the overhead safety training course would receive instruction about the right ways for doing inspections: the pre-shift inspection and the more detailed in-depth inspection. These are critical daily routines which should be logged. Properly recorded pre-shift inspections help to protect the business from liability in case of an accident. Pre-shift inspections also prevent accidents, damage and costly repairs. Operators learn how to designate a particular individual to handle checks, how to maintain the log book and how to report problems.

Checks must be carried out on a regular basis and documented properly. The following must be checked while watching for common problems: increase in the throat opening, hooks for cracks, degree of twist; hoist ropes for corrosion, worn wires, loss of diameter, kinks and bird caging, broken wires, heat and chemical damage; chains for nicks and gouges, corrosion and cracks, twists, excessive wear, distortion, stretching, pits, damage from extreme heat.

The operator would get to learn the right ways about proper rigging procedures. The process of rigging involves the understanding of the manufacturer's data plate, determining the weight of materials to be lifted, selecting the gear, and using safe practices to secure the load. The course covers in detail the following: safe working loads, and the capacities of ropes, chains, shackles, slings and hooks.

It is essential to understand who can use the cranes at your facility, physical requirements of the job, and operator credentials needed for permits and specialized tasks. Safety must be prioritized when utilizing near pedestrian traffic.

The responsibilities included in the safe crane use consists of checking for hydraulic leaks, undertaking visual inspections, checking the safety guards, testing the controls, examining the hook and hoist rope, braking mechanisms and limit switches. Proper reporting methods are critical. These topics are all covered in depth in the course.

Proper lifting and moving methods with cranes and hoists are included in the program. Operators will become knowledgeable in hand signals. Training involves how to raise the load, attach the load, abort a lift, set the load and unhook the slings.

The steps involved with moving the load, consists of: stopping and starting procedures, guiding and controlling the load, observing working conditions and working with signals. In case of power failures, the operator will have to know how to proceed. The course includes methods for lowering the load and removing the slings, storage of equipment, parking the crane, and securing an indoor and outdoor crane.