

Port Coquitlam Overhead Crane Safety Training

Port Coquitlam Overhead Crane Safety Training - The overhead crane safety training program is meant to equip the operators with the right knowledge and skills in the areas of: crane safety precautions, materials handling, accident avoidance, and equipment and stock protection. Each of the trainees will get to learn on many types of overhead cranes, their capabilities and their uses in various settings. For operators who are trained and licensed, the shift in liability moves to the operator from the company. Therefore, the course emphasizes individual operator tasks.

The operators in the overhead safety training program would be given instruction on the correct ways for doing inspections: the more detailed in-depth inspection and the pre-shift inspection. These are critical daily routines which must be logged. Correctly recorded pre-shift inspections help to protect the business from liability in case of an accident. Pre-shift checks likewise prevent costly repairs, accidents and damage. Operators learn how to designate a specific person to perform inspections, how to report problems, and how to maintain the log book.

Inspections must be done frequently and documented correctly. The following must be inspected while watching for common problems: hooks for cracks, increases in the throat opening, hoist ropes for corrosion, degree of twist, worn wires, loss of diameter, broken wires, bird caging and kinks, chains for gouges and nicks, heat and chemical damage, corrosion and cracks, twists, distortion, excessive wear, stretching, pits, damage from extreme heat.

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

It is vital to know who may use the cranes at your facility, the job's physical requirements, and operator qualifications needed for specialized tasks and permits. Safety must be prioritized when operating near pedestrian traffic.

The responsibilities involved 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 important. These subject matters are all included in depth in the course.

The program also includes the correct moving and lifting methods with hoists and cranes. Operators would also learn correct hand signals. Training involves how to attach the load, raise the load, unhook the slings, abort a lift and set the load.

Moving the load includes a few steps: starting and stopping procedures, guiding and controlling the load, working with signals and observing working conditions. Operators have to know how to proceed in the event of a power failure. The program covers techniques for removing the slings and lowering the load, storage of equipment, parking the crane, and securing an indoor and outdoor crane.