## Calgary Overhead Crane Safety Training

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

Overhead crane safety training instructs operators in the correct methods for performing inspections. Two kinds of pre-shift check are the walk-around inspection and the in-depth inspection. These are critical daily routines which should be logged. Properly recorded pre-shift inspections help to protect the company from liability in the event of an accident. Pre-shift checks likewise prevent expensive repairs, accidents and damage. Operators learn how to designate a particular individual to handle inspections, how to maintain the log book and how to report problems.

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

Operators learn correct rigging procedures in this program. Rigging includes understanding the manufacturer's data plate, determining the weight of materials to be lifted, choosing the gear, and using safe practices to secure the load. The course cover in detail the following: safe working loads, and the capacities of ropes, chains, slings, hooks and shackles.

It is vital to know who can operate the cranes at your facility, physical requirements of the job, and operator qualifications required for permits and specialized tasks. Safety is a priority when operating in the vicinity of pedestrian traffic.

Safe crane use consists of responsibilities like undertaking visual inspections, checking for hydraulic leaks, testing the controls, checking the safety guards, examining the hook and hoist rope, braking mechanisms and limit switches. Correct reporting methods are critical. These subject matters are all covered in depth in the course.

The course likewise consists of the proper lifting and moving procedures with hoists and cranes. Operators would likewise learn right hand signals. Training involves how to raise the load, attach the load, set the load, unhook the slings and abort a lift.

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