

## Kitchener Overhead Crane Safety Training

Kitchener Overhead Crane Safety Training - The overhead crane safety training program is designed to equip the operators with the right knowledge and skills in the areas of: crane safety precautions, materials handling, accident avoidance, and stock and equipment protection. Each of the trainees would get to learn on many types of overhead cranes, their capabilities and their uses in different environments. For operators who are trained and licensed, the shift in liability moves to the operator from the company. Thus, the program emphasizes individual operator duties.

The operators in the overhead safety training course will be given instruction about the correct techniques for doing checks: the pre-shift inspection and the more detailed in-depth inspection. These are vital every day routines that must be logged. Correctly recorded pre-shift inspections help to protect the business from liability in the event of an accident. Pre-shift inspections also prevent damage, expensive repairs and accidents. Operators learn how to designate a specific person to carry out inspections, how to report problems, and how to maintain the log book.

Each and every inspection should be carried out and documented regularly. Things that must be inspected for possible concerns, include: hooks for cracks, increases in the throat opening, hoist ropes for corrosion, degree of twist, worn wires, loss of diameter, broken wires, kinks and bird caging, chains for gouges and nicks, chemical and heat damage, cracks and corrosion, twists, excessive wear, distortion, pits, stretching, damage caused by extreme heat.

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

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

The duties included in the safe crane utilization consists of undertaking visual inspections, checking for hydraulic leaks, testing the controls, checking the safety guards, examining the hook and hoist rope, limit switches and braking mechanisms. Right reporting procedures are important. These subject matters are all included in depth in the program.

Right lifting and moving procedures with cranes and hoists are included in the program. Operators would become skilled in hand signals. Training involves how to attach the load, raise the load, abort a lift, set the load and unhook the slings.

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