Brampton Overhead Crane Safety Training

Brampton Overhead Crane Safety Training - Overhead crane safety training equips operators with knowledge and skills regarding crane safety measures, accident avoidance, materials handling, and equipment and stock protection. Trainees will learn the kinds of overhead cranes, their capabilities and their uses in various industry environments. For operators who are licensed and trained, the shift in liability moves from the company to the operator. Therefore, the course emphasizes individual operator responsibilities.

The operators in the overhead safety training course would be given instruction on the right ways for doing inspections: the pre-shift inspection and the more detailed in-depth inspection. These are vital every day routines which should be logged. Correctly recorded pre-shift checks help to protect the company from liability in the event of an accident. Pre-shift checks also prevent accidents, damage and expensive repairs. Operators learn how to designate a particular individual to handle inspections, how to maintain the log book and how to report problems.

Every inspection must be carried out and documented on a regular basis. Things which must be checked for possible concerns, include: hooks for cracks, increases in the throat opening, degree of twist; hoist ropes for corrosion, worn wires, loss of diameter, broken wires, kinks and bird caging, chemical and heat damage; chains for gouges and nicks, twists, cracks and corrosion, excessive wear, distortion, pits, stretching, damage caused by extreme heat.

Operators learn proper rigging methods in this course. Rigging includes understanding the manufacturer's data plate, determining the weight of materials 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 chains, ropes, shackles, slings and hooks.

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

The duties involved in the safe crane utilization includes checking for hydraulic leaks, undertaking visual inspections, checking the safety guards, testing the controls, examining the hook and hoist rope, limit switches and braking mechanisms. Proper reporting methods are important. These topics are all covered in depth in the program.

Proper lifting and moving procedures with cranes and hoists are covered in the course. Operators would become knowledgeable 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: starting and stopping procedures, controlling and guiding the load, observing working conditions and working with signals. In the event of power failures, the operator would have to know how to proceed. The program includes techniques for lowering the load and removing the slings, parking the crane, storage equipment, and securing an outdoor and indoor crane.