Hamilton Overhead Crane Safety Training

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

The operators in the overhead safety training course would be given instruction on the right methods for carrying out 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 company from liability in case of an accident. Pre-shift inspections also prevent accidents, damage and expensive repairs. Operators learn how to designate a specific person to carry out inspections, how to maintain the log book and how to report problems.

Each and every inspection should be documented and carried out regularly. Things which should be checked for possible concerns, comprise: increase in the throat opening, hooks for cracks, hoist ropes for corrosion, degree of twist, loss of diameter, worn wires, broken wires, bird caging and kinks, heat and chemical damage; chains for nicks and gouges, corrosion and cracks, twists, distortion, excessive wear, stretching, pits, damage from extreme heat.

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

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

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

Right lifting and moving methods with cranes and hoists are covered in the program. Operators would become competent in hand signals. Training includes how to attach the load, raise the load, set the load, unhook the slings and abort a lift.

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