Coquitlam Overhead Crane Safety Training

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

The operators in the overhead safety training course would receive instruction on the proper ways for performing inspections: the more detailed in-depth inspection and the pre-shift inspection. These are critical every day routines that must be logged. Correctly recorded pre-shift checks help to protect the company from liability in case of an accident. Pre-shift checks likewise prevent damage, costly repairs and accidents. Operators learn how to designate a particular person to perform inspections, how to report problems, and how to maintain the log book.

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

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

It is essential to understand who may use the cranes at your facility, physical requirements of the job, and operator credentials required for specialized tasks and permits. Safety must be prioritized when operating near pedestrian traffic.

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

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

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