Ottawa Overhead Crane Safety Training

Ottawa Overhead Crane Safety Training - The overhead crane safety training course is intended to equip the operators with the right knowledge and skills in the areas of: crane safety precautions, accident avoidance, materials handling, and equipment and stock protection. Each of the trainees will get to learn on many types of overhead cranes, their capabilities and their uses in various settings. For operators who are licensed and trained, the shift in liability moves from the company to the operator. Therefore, the course emphasizes individual operator tasks.

The operators in the overhead safety training program will receive instruction about the correct methods for performing checks: the more detailed in-depth inspection and the pre-shift inspection. These are critical daily routines which must be logged. Properly recorded pre-shift inspections help to protect the company from liability in the event of an accident. Pre-shift checks also prevent damage, expensive repairs and accidents. Operators learn how to designate a particular individual to carry out inspections, how to report problems, and how to maintain the log book.

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

Operators learn proper rigging procedures 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 program include in detail the following: safe working loads, and the capacities of chains, ropes, shackles, slings and hooks.

It is important 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 should be prioritized when operating near pedestrian traffic.

The duties involved in the safe crane operation consists of undertaking visual inspections, checking for hydraulic leaks, checking the safety guards, testing the controls, examining the hoist rope and hook, braking mechanisms and limit switches. Proper reporting methods are vital. These topics are all included in depth in the course.

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

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