Saskatchewan Overhead Crane Safety Training

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

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

Checks must be carried out frequently and documented properly. The following must inspected while watching for usual problems: hooks for cracks, increases in the throat opening, hoist ropes for corrosion, degree of twist, worn wires, loss of diameter, broken wires, bird caging and kinks, chains for gouges and nicks, chemical and heat damage, twists, corrosion and cracks, excessive wear, distortion, stretching, pits, damage caused by extreme heat.

The operator would get to learn the right techniques regarding correct rigging measures. The process of rigging involves the understanding of the manufacturer's data plate, determining the weight of materials to be lifted, choosing the gear, and using safe practices to secure the load. The program include in detail the following: safe working loads, and the capacities of ropes, chains, shackles, slings and hooks.

It is essential to understand who can utilize the cranes at your facility, the job's physical requirements, and operator qualifications required for permits and specialized job. Safety is a priority when utilizing near pedestrian traffic.

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

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

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