

Alberta Overhead Crane Safety Training

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

Overhead crane safety training instructs operators in the proper techniques for carrying out inspections. Two types of pre-shift check are the in-depth inspection and the walk-around inspection. These are vital every day routines that must be logged. Correctly recorded pre-shift inspections help to protect the business from liability in the event of an accident. Pre-shift inspections likewise prevent costly repairs, accidents and damage. Operators learn how to designate a specific individual to perform checks, how to maintain the log book and how to report problems.

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

The operator would get to learn the correct ways about proper rigging procedures. The process of rigging includes the understanding of the manufacturer's data plate, determining the material weight to be lifted, selecting the gear, and using safe practices to secure the load. The course includes 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 qualifications needed for permits and specialized job. Safety is a top priority when utilizing in the vicinity of pedestrian traffic.

The responsibilities involved in the safe crane use consists of checking for hydraulic leaks, undertaking visual inspections, 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 program.

Correct moving and lifting procedures with hoists and cranes are included in the program. Operators will become skilled in hand signals. Training includes how to attach the load, raise the load, set the load, unhook the slings and abort a lift.

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