

Overhead Crane Certification British Columbia

Overhead Crane Certification British Columbia - The overhead crane certification course is a program which is designed to assist trainees, even if they have language or literacy limitations. The course includes a practical hands-on training session and a classroom theory portion. Upon successfully completing both sessions, the individual participating would become certified. Each graduate will receive a wallet certificate of achievement. The course is designed to provide a basic understanding of the safe and efficient use of overhead cranes.

The three core objectives of the crane operator training program includes: teaching the basic concepts in the operation of jib cranes, overhead cranes and gantry cranes; to lessen the possibility of incidents and machinery damage; and to produce skilled operators trained well in safety matters.

The overhead crane is a common heavy equipment used in industrial environments. This particular machinery is called a bridge crane and comprises parallel runways spanned by a traveling bridge. The hoist is the component which lifts materials. The hoist travels along the bridge.

Overhead cranes vary from mobile or construction cranes wherein overhead models are used for manufacturing or maintenance applications where efficiency is critical. The steel business commonly needs overhead cranes. Steel is handled by an overhead crane at every stage of the manufacturing process, from the time the raw materials are poured into the furnace up to the time the finished coils are lifted onto trains and trucks.

Overhead cranes are also commonly used in the automobile business and paper business. The removal of heavy press rolls and other equipment at paper mills is accomplished making use of bridge cranes. Bridge cranes are used to install the heavy cast iron paper drying drums and various massive equipment utilized in paper mills.