

## **Langley Overhead Crane Certification**

Langley Overhead Crane Certification - The overhead crane training certification program is designed to be effective with all participants regardless of language or literacy limitations. The course has two components: a practical training session and a classroom training session. Upon successfully finishing both sessions, the person participating would become certified. Each and every graduate will be given a wallet certificate of achievement. The course is designed to provide a basic understanding of the efficient and safe operation of overhead cranes.

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

An overhead crane is commonly used in industrial settings. Also referred to as a bridge crane, this machinery consists of parallel runways spanned by a traveling bridge. The component which lifts materials is the hoist. The hoist travels along the bridge.

The overhead crane when used for manufacturing or maintenance applications will offer more efficiency compared to a mobile crane. This particular type of crane is also normally used in the steel industry. Steel is handled with an overhead crane at every phase of the manufacturing process, from the time the raw materials are poured into the furnace until the finished coils are lifted onto trucks and trains.

The overhead crane can also be found in the auto industry and paper business. The bridge cranes could help remove the heavy press rolls and other equipment at paper mills. Bridge cranes are utilized to install the heavy cast iron paper drying drums as well as various massive equipment utilized in paper mills.