



Crane and Ship Gantry (Winch Driver)

Training Program Outline

Goal

Following established safety and operating practices and procedures, trainees will be able to safely and efficiently operate pedestal and ship gantry cranes on specific break bulk vessels to handle and stow a variety of cargo including pulp, lumber, steel, logs, heavy lifts, salt, wood chips, sacked or bagged cargo, and specialized project cargo.

Program Description

Through classroom instruction and hands-on training, trainees develop knowledge of the general safety considerations and components and controls of the pedestal and ship gantry cranes. Trainees also develop knowledge of the safe operating practices for different types of materials and the most common types of cargo gear, in addition to learning how to conduct a site safety inspection and a pre-operation equipment check. At the end of the program, trainees are expected to complete a knowledge-based assessment and to demonstrate an established standard of performance for each operating task for each vessel-specific crane. The operating procedures include start-up, testing limits/emergency stop, re-setting the crane, parking the crane, and shut down.

Pre-requisites

Educational

None

Experiential

Equipment experience



Medical

- Pass an eye examination conducted by a doctor of the trainee's choosing. Candidate must possess adequate colour perception, hearing and visual acuity.

Working Conditions

- Loading & discharging a variety of cargo with numerous workers working inside the ships hold or close to the load on the dock
- Being cognisant at all times of where gang workers are in relevance to load
- Working at elevated heights on the vessel at berth in the harbour
- Constantly monitoring the radio as it pertains to cargo

Delivery Methods

Classroom instruction and on-the-job training

Training Materials

Crane and Ship Gantry Training Program Manual
Crane and Ship Gantry Quick Reference Guide

Duration

Up to 22 days, depending on location