



المركز العالمي للتدريب والتطوير
International Centre For Training & Development



SP235

CONTAINER SHIP LOADING Discharging Operation



ACTVET
Abu Dhabi Centre for
Technical and Vocational
Education and Training
مركز أبوظبي
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Course Introduction:

The participants of this course will have the opportunity to observe cargo handling in a major modern international seaport and get acquainted with cargo handling techniques of different technological levels, from traditional to advance. The efficient use of men, machinery and cargo handling gear for different cargoes and on different type of vessels will be explained in detail.

Since cargo volume increases and port equipment becomes more sophisticated such as EDP supported information systems, employees with extensive knowledge of various port functions and port related activities are indispensable to face future demands. Against this background it is the sense of this course to make the participants understand how a terminal is organized and proficient in operating EDP-supported yard planning systems.

Course Objectives:

By the end of the course the attendees will be able:

- To outline the four components of the ship operation, for loading and discharging.
- To describe the principles followed when planning stowage on container ships and to explain how stowage affects the sequence of loading and discharge of containers.
- To describe the lifting equipment used in container loading and discharging.
- To describe the sequence of activities that make up the ship operation, for both lift-on-lift-off and roll-on-roll-off vessels.
- To describe the work of the personnel involved in the ship operation.
- To outline the safety procedures that must be followed in the ship operation

Who Should Attend?

Cargo Operations Supervisors and Senior Managers. Terminal Supervisors, Yard Planning Officers and Designated Terminal Managers

Course Outline:

General

- Responsibility of Ships and Lighter Owners
- Responsibility of Stevedoring Company and Sub-contractors
- Responsibility of Stevedoring Supervisors

- Responsibility of Stevedore Workers
- Responsibility of reporting accident
- Concerns of people of the industry

Gangways and Means of Access

- Gangways and Access to Vessels
- Access between Vessels
- Access to Lighters or Barges
- Access to Cargo Spaces
- Portable Ladder

Working Places Safety

- Hatch Covers and Beams
- Stowed Cargo
- Deck and Hatch Top
- Open Hatchway on Weather Decks
- Open Hatchways in Tween Decks
- Weather Deck Railings
- Confined Spaces
- Lighting and Ventilation
- Dangerous and Harmful Environments

Opening and Closing of Hatches

- Lifting Gear for Beams, Slab Hatches and Pontoons
- Handling Beam and Hatch Covers
- Mechanically Operated Hatch Covers
- Power-operated Ship's Equipment

Cargo Handling Lifting Appliances and Lifting Gear

- General Requirements
- Derricks used in Union Purchase (Married Runner)
- Winches and Cranes
- Stevedores' Gear
- Mobil Crane, Fork-lift Truck, etc.
- Portable Electrical Light and Power Leads

The Handling of Cargo

- Slinging of Loads
- Stacked Cargo

- Bulk Cargo

The Handling of Dangerous Goods

- General Requirements
- Dangerous Goods Labels
- Personal Protective Equipment

Handling of Containers

- General
- Mid-stream Operation

Safety Rules for Stevedores

- General safety rules for stevedores
- Safety Rules for Signalmen
- Safety Rules for Winch and Crane Drivers
- Safety Rules for Hatch Foremen
- Safety Rules for Lightermen and Launch Crews
- Safety Rules on Ro Ro Ships
- Manual Handling
- Slips, Trips and Falls
- Working clothes

Course Requirement:

"Hand's on practical sessions, equipment and software will be applied during the course if required and as per the client's request".

Course Certificate:

International Center for Training & Development (ICTD) will award an internationally recognized certificate(s) for each delegate on completion of training.

Course Methodology:

A variety of methodologies will be used during the course that includes:

- (30%) Based on Case Studies
- (30%) Techniques
- (30%) Role Play

- (10%) Concepts
- Pre-test and Post-test
- Variety of Learning Methods
- Lectures
- Case Studies and Self Questionnaires
- Group Work
- Discussion
- Presentation

Course Fees:

To be advised as per the course location. This rate includes participant's manual, and-Outs, buffet lunch, coffee/tea on arrival, morning & afternoon of each day.

Course Timings:

Daily Course Timings:

08:00 - 08:20	Morning Coffee / Tea
08:20 - 10:00	First Session
10:00 - 10:20	Coffee / Tea / Snacks
10:20 - 12:20	Second Session
12:20 - 13:30	Lunch Break & Prayer Break
13:30 - 15:00	Last Session

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