



## Training Course Information Form

### Course Information

**Course Name:** The Container Yard Operation

**Institute/Centre:** Port Training Institute      **Course Code:** PDP04

**Type:**       Program       Course       Workshop

**Course Duration:**       5 days       3 days       1 days       Other: --

**Course Conducted:**       Local       International  
Indicate: -----

**Course Venue:**      **Anywhere**

**Course Language:**       English       Arabic       Both       Other: -----

### Course Description

#### Course Outlines:

- Introduction: direct and indirect delivery; functions of storage
- Principles of container yard design, layout and facilities
- Container yard layout and operational features for chassis/trailer transfer systems
- Container yard layout and operational features for lift-truck transfer systems
- Container yard layout and operational features for straddle-carrier direct systems
- Container yard layout and operational features for straddle-carrier relay systems
- Container yard layout and operational features for rubber-tyred yard gantry systems
- Container yard layout and operational features for rail-mounted yard gantry systems
- The yard address system
- Allocating storage zones and sections
- Factors affecting space allocation
- The storage operation information system
- Operational procedures and practices for imports and exports
- Operational procedures and practices for in-terminal and interchange movements
- Safety and security rules relating to the container yard.

#### Course Objectives:

- This Unit is designed:
  1. To describe the storage operation and to explain its importance in container terminal operations.
  2. To describe the principles of container yard layout and facilities.
  3. To describe the container yard address system.
  4. To describe the import and export stacking rules and practices.
  5. To discuss the planning of container yard operations.
  6. To describe the movement of containers into and out of storage and the related information and administrative systems.

#### Learning outcomes:

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**Course includes:**  Theoretical     fire training module     Laboratory     Workshop  
 Site Visit

**Course Prerequisites:** Before starting this Unit, the trainees should have completed successfully the following Units or will have demonstrated (for example by successfully completing the Tests for those Units) their understanding of the topics covered by them:

Container terminal operations (C.1.1)

Container ship loading and discharge operations (C.1.2)

The container terminal quay transfer operation (C.1.3)

Container numbering and marking (C.3.2)

**Who should attend:**

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**Course References:**

**No. of Participants/course:**  5-10                       10-15                       15-20                       Other: -----

**Qualifications of Participants:**

**No. of Lecturer:**             1                       2                       5

**No. of Assistance:**         1                       2                       3

***Course Facilities***

White Board     V. Projector     Data show             PC                       Manual             Handouts  
 Books             Handouts             Flip charts             S/W                       Other:

***Course Evaluation***

Written Examination     Written Report(s)     Oral Presentation             Attendance  
 Delegates Participation

**Certificate Issue:**

Local Premises                                       AASTMT                                       International

***Course Registration***

**Registration:**                       AAST Admission Registration                       Online                       Other: -----

**Documents**

**required:**                       Registration form     ID/Passport copy                       Photo