

 NATIONAL TECHNOLOGY CENTRE FOR PORTS WATERWAYS AND COASTS	<b>Training Centre - Quality Management System</b>	Ref. No	CD/HAZMAT/05	 
		Rev. No	00	
	Course Descriptor	Date	09/11/2022	
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## Training on handling of Hazardous Materials (HazMat)



### PURPOSE

To enhance awareness and generate a high degree of safety consciousness amongst the participants, regarding the dangers associated with the exposure to, handling, carriage, storage and transport of hazardous materials. Training will be focused on safe and correct methods of dealing with hazardous material, including dealing with emergencies related to hazardous material.

### CONTENT

This training is conducted in accordance with *the latest edition of IMDG Code 2020 (Amendment 40-20)*

- ❖ General familiarization
- ❖ Training requirements for various personnel and departments
- ❖ Legal requirements and recommendations (MSC Circular 1216)
- ❖ Identifying hazardous material (IMDG Code) / Hazardous material Classification
- ❖ In-depth knowledge of the IMDG Code + Supplement
- ❖ Marking, Labeling, Placarding
- ❖ Quantity limitations (Limited and Excepted)

### Safe handling procedures and practices

- ❖ Acceptance, handling, storage and segregation requirements in CFS, ICD and Port area
- ❖ Emergency Procedures and Medical First Aid
- ❖ Emergency response and contingency planning
- ❖ Environmental hazards
- ❖ Planning of layout of dangerous cargo areas in CFS, ICD and Port area
- ❖ Security arrangements

### OBJECTIVES

To be able to:

- ❖ Understand handling and transportation of hazardous materials.
- ❖ Obtaining information from IMDG-Code regarding classification, dangerous goods list, consignment procedures, packing, stowage, segregation and transportation.
- ❖ Describe IMDG clauses, divisions, packing groups materials.
- ❖ Describe methods of identifying hazardous materials based on their marking, labelling and placarding of containers.
- ❖ Understand documentation required internationally for the safe transport of hazardous

- ❖ Understand legal requirements and importance of proper storage and segregation of hazardous materials.

- ❖ Understand emergency response, medical first aid procedures.

### ADMISSION REQUIREMENTS

This training program is intended for all personnel involved or likely to be involved in the handling, carriage, storage, and transport of hazardous material, including those involved in ensuring the security of Hazardous Material shipments.

### DURATION

2 days

### PARTICIPANTS

Maximum 15 participants

### COURSE DELIVERY:

Course delivery by Dedicated Master Mariner(s) with Relevant field experience.

### AID & INFRASTRUCTURE:

Classroom with fully embedded technology at NTPCWC, IIT MADRAS or at Clients facilities

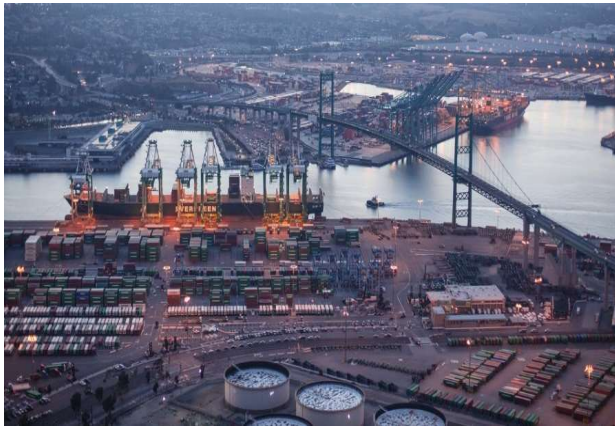
### LANGUAGE

The course will be conducted in English.

### CONTACT

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### An initiative by the GoI

- ❖ To enhance awareness and generate a high degree of safety consciousness
- ❖ Understand handling and transportation of hazardous materials

