

# **SAFETY OFFICER & RISK ASSESSMENT**

## **TRAINING COURSE**

### **A. OVERALL AIM**

The overall aim of this 2-day Training Course is to provide the designated Safety Officer of the vessel, with the required knowledge and skills to effectively implement his duties and responsibilities in compliance with the following:

- STCW and Code A-II/2, A-III/2 “*Maintain Safety of Ship’s Crew and the operational condition of life-saving, fire-fighting and other safety systems*”.
- Maritime Labour Convention 2006 - (XIV) Resolution on Occupational Safety and Health.
- Code of Safe Working Practice for Merchant Seafarers (CoSWP).



### **B. LEARNING OBJECTIVES**

Those who have successfully completed the course will be able to:

- 1) systematically promote the Safety Culture of the company among all seafarers onboard the ship, sustaining a high level of safety and environmental consciousness.

- 2) carry out safety-related inspections, identify potential hazards in the day to day operations of the vessel and help prevent incidents from occurring.
- 3) carry out risk assessment, suggests improvements into the conduct of work, define measures to eliminate the hazards and to mitigate the risks.
- 4) contribute to the reporting of near-miss incidents, as well as, of unsafe acts/conditions.
- 5) encourage individual seafarers to behave responsibly and to proactively promote safe and healthy working conditions on board.
- 6) undertake the role of the Safety Officer of the ship.

### C. TIME SCHEDULE

		<b>1<sup>st</sup> DAY</b>
<b>Time</b>	<b>Topics</b>	
09:30 – 10:00	Introduction – Legal Framework	
10:00 – 11:00	<b>PREVENTION OF ACCIDENTS ONBOARD</b>	
	Duties & Responsibilities of the Safety Officer	
	Causes and Means of Preventing Accidents – Safety Inspections	
11:00 – 11:15	<i>Coffee Break</i>	
11:15 – 12:15	Work Permit System ( <i>Enclosed Spaces, Work At Height, Work on Machinery</i> )  Drills and Exercises	
12:15 – 13:15	<b>NEAR-MISS REPORTING &amp; RISK ASSESSMENT</b>	
	Near-Miss Incidents Reporting & Analysis	
13:15 – 13:45	<i>Lunch Break</i>	
13:45 – 15:30	Risk Assessment and Incident Investigation  <i>Exercise: Assessing the Risks in a common shipboard operation</i>	

		2 <sup>st</sup> DAY
Time	Topics	
09:30 – 11:00	<b>GAS DETECTION</b>	
	Flammability and Toxicity of Hydrocarbons	
	Measurement of flammable gases, toxic gases and oxygen	
	Practice on Portable Gas Detection Instruments	
11:00 – 11:15	<i>Coffee Break</i>	
11:15 – 13:15	<b>SAFE MOORING OPERATIONS</b>	
	Hazards in Mooring Operations – Snap Back Zones	
	Types of Mooring Lines – Inspection	
	Brake Holding Capacity Testing	
13:15 – 13:45	<i>Lunch Break</i>	
13:45 – 15:30	<b>OCCUPATIONAL HEALTH</b>	
	Occupational Health and Hygiene	
	Fatigue	
15:30 – 16:15	Assessment	



- **TEACHING AIDS**

- **Code of Safe Working Practice for Merchant Seafarers (CoSWP)**, Maritime and Coastguard Agency
- **“Shipboard Management, Responsibility and Authority”** Fleet Instruction Manual, Minerva Marine
- **Accident Prevention Onboard at Sea and in Port (ILO)**
- **Guidelines for Implementing the Occupational Safety and Health Provisions of the Maritime Labour Convention, 2006 (ILO).**
- **International Safety Management Code & Guidelines for Implementation.**

