

Course Duration  
120 Minutes

Learning Objectives  
37

Modules  
10

Assessment Questions  
36

Passmark  
80%

Accreditation  
Nautical Institute



## Course Description:

The aim of this course is to provide you with the fundamental knowledge to deal with and Tier 1 oil spill safely and effectively.

The course outlines how and why spills occur, their potential effects on the environment, how they can be cleaned up, and how various agencies prepare for spills before they happen.

## Learning Objectives:

- Introduction to oil spills
- Sources of Spills
- Risk Assessment
- Spill prevention
- Legislation and Contingency planning
- Reporting procedures
- Oil Pollution Emergency Plan
- The role of the SOSREP
- The levels of equipment available for oil spill response at local level and national level
- The Structure of the Incident Response Organisation (Operations Control Unit)
- The International Tanker Owners Pollution Federation (ITOPF)
- Introduction to oil spills
- Sources of Spills
- Risk Assessment
- Spill prevention
- Legislation and Contingency planning
- Reporting procedures
- Oil Pollution Emergency Plan
- The role of the SOSREP
- The levels of equipment available for oil spill response at local level and national level
- The Structure of the Incident Response Organisation (Operations Control Unit)
- The International Tanker Owners Pollution Federation (ITOPF)
- Chemical and Physical Properties of Oil
- Oil Classification
- Sampling oil spills
- Oil Fate
- Predicting the movement of oil

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- Oil spill equipment for surveillance and tracking
- Socio-economic and Environmental Impacts
- Environmental Sensitivities
- Quantify spillage size by visually using Bonn agreement colour code tables
- Calculating the Volume Spilled
- Perform a site safety assessment and briefing
- Activate and mobilise the response teams and response organisation
- Notification and approval requirements for use of chemical dispersants
- The roles of National Agencies
- The advantages and disadvantages of chemical dispersants
- Application of chemical dispersants
- Response Strategies–Monitoring and Evaluating
- Response Strategies–Containment and Recovery
- Response Strategies–Shoreline
- Response Strategies - Spill kits
- Prepare a response action plan
- Effective communications during an operational response
- Select the criteria for the cessation of response operations
- Final reporting and documentation requirements at closure of spill response
- Post Incident Debrief
- Legal Framework and Penalties

## Accreditation:



This course is accredited by **The Nautical Institute**.

Established in 1971, The Nautical Institute is a non-governmental organisation (NGO) with consultative status at the International Maritime Organization (IMO).