

OIL SPILL COMBATING OPERATION FOR FIRST RESPONDERS (IMO 1)

HSE039

COURSE DESCRIPTION

This course provides the personnel who will first respond to an accident with the required knowledge for the immediate mobilization and efficient implementation of operations during the first crucial hours of a spill, through detailed presentations of response methods and practical application of them. It covers the activities related to oil and gas exploration and production that carry a risk of oil spill require fast, precise, and coordinated countermeasures to mitigate the impact to the environment. Therefore, a local team is required for immediate response to oil spills to preserve the Environment.

COURSE GOAL

To enhance the participants' knowledge, skills, and abilities necessary for immediate mobilization and efficient implementation of operations during the first crucial hours of an oil spill.

COURSE OBJECTIVES

By the end of this course, participant will be able to:

- Set procedures to prevent any kind of pollution as a proactive approach.
- Decide the best way and solution to treat any kind of pollution.
- Select the most appropriate response equipment and operate it.
- Select and implement clean-up strategies.

WHO SHOULD ATTEND

- HSE Engineers from Oil & Gas companies and regulation agencies.
- Field supervisors such as Marine Officers, Shoreline Strike Team Leaders.
- Other personnel who will be involved in oil spill combating operations.

COURSE DURATION

5 Working Days

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COURSE OUTLINES

1. Overview of pollution in the Oil & Gas industry

- Air emissions.
- Liquid & semi liquid waste.
- Solid waste.
- Waste management.
- NORM.
- Noise.
- Remediation of contaminated sites.
- Environmental procedures for drilling operations.
- Environmental procedures for production operations.

2. Oil Spill Response

- Source of oil spill.
- Major oil spill incident.
- Impact of oil spill.
- Oil Spill Response Safety and Awareness.
- Personal Protective Equipment.
- Fate and Effects of Spilled Oil.
- Containment Devices.
- Recovery Methods.
- River response techniques.
- Shoreline/inland Clean-up Methods.
- Waste Disposal & Management.

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