

ABI 12110 CERTIFICATE IN SPILL RESPONSE AND MANAGEMENT ©



COURSE OVERVIEW

This qualification combines theory and hands onsite practical course. This will give the student an awareness of the requirements which will enable organisations to identify potential spillage situations and deal with them effectively. Using the practical application of spill response procedures this will enable an effective response and reduce on site and off site damage.

The qualification also involves spill management procedures which will equip operating personnel to implement measures to reduce the potential for a spill event to occur and for them to respond promptly to contain and counteract the discharge in a safe, practical and systematic manner which will minimize any adverse impact on the environment from oil, chemical etc. handling .

PRE-REQUISITE: none

DURATION: 1 week

TARGET AUDIENCE

- TERMINAL/BASE MANAGERS
- SUPERVISORS
- SPILL RESPONSE TEAMS
- EMERGENCY RESPONSE TEAMS
- FIRE TEAMS
- ANYONE WITH HEALTH, SAFETY AND ENVIRONMENTAL RESPONSIBILITIES

COURSE CONTENTS

PART 1 – SPILL AWARENESS

1. Relevant health, safety and environmental legislation (e.g.: NOSDRA)
2. The role of monitoring and regulatory bodies
3. Structure and implementation of a contingency plan
4. Types of spillages
5. Types of spill kit and response materials
6. Identifications and control of course pathway and receptors
7. Personal protective equipment (PPE) requirements
8. Identification of local spill response procedures
9. Risk and site assessment techniques
10. Notification and documentation

PART 2 – INTERNATIONAL ENVIRONMENT SPILLAGE RESPONSE

1. Delegation of duties throughout the team
2. Practical dynamic risk assessment
3. Selection and wearing of suitable PPE use of spill response materials and equipment
4. Controlling and limiting spill damage
5. Field monitoring and detection
6. Making hazardous materials safe
7. Identification of the location and content of spill response kits
8. Emergency response action planning
9. Incident command system
10. Oil spills on land and small waterways
11. Marine oil spill response
12. Chemical spill response
13. Chemical protective clothing
14. Chemical hazard recognition
15. Oil sorbents and chemical agents
16. Consequences of pollution
17. Practical use of personal risk assessment
18. Drain sealing techniques
19. Practical response to a spillage scenario
20. Decontamination procedures
21. Post spill response clean up
22. De-brief

PART 3 – FIELD EXERCISES

1. Oil spill simulation
2. Chemical protective clothing demonstration
3. Spill containment operations
4. Oil skimmer operations
5. Segregation used absorbents
6. Practical demonstration and disposal of contaminated absorbents

EXAM STRUCTURE

Parts 1 and 2 - 2 hour written exam or e-portal project per part
 Part 3 - practical demonstration by each student
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