

Overview

This standard is about controlling pollution incidents. You must be able to control pollution incidents involving oils, fuel, chemicals or silt.

Control can be carried out by constructing barrier ditches and booms and by the use of absorbent materials.

Your work must follow company working practices and industry good practice. It must also meet the requirements of relevant legislation and includes the requirement to contact the water regulatory authorities regarding pollution incidents.

Performance criteria

You must be able to:

1. assess the risks associated with the site and the proposed work
2. select and implement appropriate working methods in accordance with the assessed risks
3. select and use appropriate personal protective equipment (PPE) for the work
4. identify the nature, extent and potential impact of the pollution incident
5. treat the pollution incident using the most appropriate control measures, following agreed pollution control procedures
6. note any changes to the scale or nature of the incident and report these changes to the designated person
7. maintain the equipment and machinery used in pollution control in line with manufacturer's instructions
8. maintain effective communication with colleagues and any other agencies
9. ensure that the relevant legislative and organisational environmental requirements are met
10. dispose of used pollution control materials in line with specified procedures
11. deal with any problems within your level of responsibility
12. keep accurate and up-to-date records as required by relevant legislation and the organisation you work for
13. maintain the health and safety of yourself and others at all times in accordance with relevant legislation

Knowledge and understanding

You need to know and understand:

1. how to identify hazards and assess risks
2. how to interpret risk assessments
3. the selection, use and care of personal protective equipment (PPE)
4. emergency planning and procedures
5. the chain of command and roles of personnel in a pollution incident
6. the agreed pollution control measures
7. how high pressure, low water volume sprays are used in controlling pollution incidents and pollutants
8. the impact of fuels, oils, chemicals and silt as pollutants
9. the equipment and machinery that can be used to help control pollution incidents
10. the implications of terrain, ground conditions, vegetation type, season and weather on pollution incidents
11. the penalties that could be incurred for causing pollution
12. how to dispose of pollution control materials
13. the use of absorbent materials to control surface-borne pollutants
14. the importance of checking how well the pollution control measures worked
15. the importance of checking how well you worked with others to deal with controlling the pollution incident
16. your responsibilities under relevant environmental, health and safety legislation and codes of practice

Scope/range

Incidents involving the following types of pollutants:

- oils and fuels
- chemicals
- silt

Use of the following control measures:

- constructing barrier ditches
- constructing barrier booms
- use of absorbent materials

Control pollution incidents - HY43 04

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