

### Overview

This standard is about monitoring and reporting water levels. You are most likely to carry out this work as part of other work activities such as adjusting water level systems or maintaining the water channel.

You will need to be able to take accurate readings using a suitable method.

Throughout the standard, there is an emphasis on working effectively, in a healthy and safe way, and with due regard for environmental good practice.

This standard is designed for employees or volunteers who are involved in monitoring and reporting water levels.

You must carry out your work in a way which will minimise any impact on the natural environment and enhance its nature, conservation and recreational value.

### Performance criteria

#### You must be able to:

- P1 identify the appropriate location(s) from which to obtain readings in accordance with instructions, the nature of the terrain and access requirements
- P2 obtain accurate and complete readings at the appropriate times
- P3 take the correct actions to resolve the situation where accurate readings cannot readily be obtained
- P4 carry out all work in accordance with environmental and relevant health and safety legislation, risk assessment requirements and company policies
- P5 report water levels within the required timescales
- P6 ensure the reports are accurate and include all the relevant information in accordance with legislation and organisational requirements
- P7 where damage to the environment is identified take immediate action and inform the appropriate person
- P8 communicate effectively with others throughout your work, in accordance with organisational requirements
- P9 implement the correct emergency procedure immediately where actual or potential flooding or loss of water is identified and report your actions to the appropriate person
- P10 obtain any additional information accurately and promptly
- P11 store reports in line with the organisation's requirements

### Knowledge and understanding

#### You need to know and understand:

- K1 where water level readings can be obtained
- K2 the instructions for obtaining information on water levels
- K3 how to access locations where water levels can be obtained
- K4 the reasons for taking readings
- K5 the reasons why it may not be possible to obtain accurate readings
- K6 how to obtain and estimate levels and read water gauges
- K7 relevant legislation and organisational requirements associated with monitoring and reporting water levels
- K8 the importance of complying with environmental and health and safety legislation, risk assessment requirements and company policies when working on or near water
- K9 how to maintain environmental good practice while obtaining water levels
- K10 wildlife habitats which may be present and how to adjust procedures accordingly
- K11 how to assess and interpret water levels
- K12 procedures for reporting water levels
- K13 what environmental damage may be encountered and how this must be reported
- K14 relevant emergency procedures and their implementation

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## Glossary

### Readings:

- automated
- manual
- using gauge boards
- by sighting

### Actions:

- estimate levels
- inform others
- record the problem

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