

## Overview

This Standard is about receiving and storing sludge for treatment operations in a manual or automated processing plant.

It includes checking storage capacity, producing data on sludge material, managing sludge throughput and reporting any issues with storage.

This Standard is suitable for operators working in sludge treatment processing plants.

## Performance criteria

*You must be able to:*

1. check the nature, quantity and quality of the sludge received against processing requirements
2. use sludge handling and storage methods and legislation as required by your organisation and legislation to minimise and avoid damage and cross-contamination of the sludge
3. confirm there is sufficient storage capacity to receive the sludge at each stage of the processing operations
4. store the sludge in the required place at each stage of the processing operation
5. resolve situations where the sludge does not meet processing requirements
6. record and report any defective equipment or storage facilities and report discrepancies to designated people
7. work in line with relevant regulations and procedures
8. produce data about sludge material as it enters the treatment plant
9. manage the sludge throughput in line with procedures and specifications
10. record all data and information on the plant records for the sludge received and stored
11. maintain records about the sludge received and stored and sludge treatment equipment for audit and quality assurance purposes

## Knowledge and understanding

*You need to know and understand:*

1. the organisation's process for managing statutory inspectorates
2. the organisation's process for managing emergency situations
3. the organisation's process for safe working practices when dealing with equipment, instrumentation and environment, including lone working
4. the role and purpose of data audit trails in quality assurance, health and safety and regulatory requirements
5. the nature of sludge and how it affects processing at each stage
6. organisational procedures for controlling sludge quality and volume at different stages of the process
7. storage requirements at each stage of the process and the implications of the Control of Substances Hazardous to Health (COSHH) regulations
8. the importance of confirming storage conditions and available space
9. the importance of keeping damage to a minimum
10. the organisation's reporting procedures
11. the organisation's procedures for recording, documenting and storing information
12. the organisation's process for using data for monitoring purposes
13. the importance of supplying and receiving accurate information and in an appropriate format within identified timescales
14. what to do if information or documentation is unclear or ambiguous
15. the way monitoring information is utilised when operating the processing plant and the implications of its use
16. information which is provided to other people relating to process plant activities
17. why it is important to comply with the organisation's confidentiality policies and cyber security protocols
18. why it is important to maintain site security

Receive and store sludge for processing

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**Relevant Occupations** Engineering; Plant and Machine Operatives; Plant Maintenance

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**Suite** Treatment Processing and Control in the Water Industry

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