

Overview

This Standard is about installing domestic water meters. This applies to threaded or concentric (screw in) meters.

It includes checking the meter is the correct type, fitting meters and checking operation, flushing debris and checking for leaks, fitting tamper seals and recording meter information.

This Standard is for operatives who install domestic threaded or concentric (screw in) water meters.

Performance criteria

You must be able to:

1. work in line with relevant health, safety, environment, water quality and other relevant regulations and guidelines at all times
2. check available meters are as specified in work instructions
3. check and prepare meters for fitting in line with manufacturers' instructions
4. pre-flush pipework and ensure chamber is clear of debris and free from contamination
5. fit meters in accordance with design and construction specifications, work requirements and manufacturers' instructions
6. flush service to clear any debris and check for leaks and operation of meter
7. check the tamper seal is intact in line with water company requirements
8. report any problems with meter or specified location in line with organisational procedures
9. record meter readings at installation
10. record installation information in line with organisational procedures
11. return recorded information to the organisation in line with organisational procedures and within required timescales
12. follow safe working and hygiene processes in line with approved procedures and practices at all times

Knowledge and understanding

You need to know and understand:

1. relevant health, safety, environment and other relevant regulations, company procedures and codes of practice including those relating to emergencies
2. water regulations and hygiene procedures related to ensuring the integrity and wholesomeness of water supplies, including the importance of personal hygiene
3. how to interpret the method statement, work instructions, design and construction specifications, approved design drawings and manufacturers' instructions
4. different types of meters and their required locations
5. how to remove blanking plugs to reveal locating threads
6. how to check the location and condition of rubber seals
7. procedures for the installation and fitting of the types of meters with which you are working
8. how to ensure pipework and chamber is clear of debris and free from contamination
9. the purpose of, and how to apply, tamper seals
10. how to take readings from different types of meters
11. the information required including photographs, meter type, serial number and reading
12. organisational information recording procedures and systems
13. organisational procedures for returning meter information
14. approved procedures for dealing with and reporting problems

Install domestic water meters

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Suite Water Network Construction Operations

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