
Overview

This unit is designed to demonstrate competence in checking that the information and plans about the metered area are in agreement with what is actually found in the distribution network itself. This will include making sure valves and meters are where they are expected to be, that the DMA boundary valves are accessible and that they are not passing water. You will identify and report problems with valves and meters and will also need to establish the inflow and outflow meters for the area. Records should be produced to identify any changes that have been made to any of the equipment and to make sure that DMA permanent boundary valves are marked correctly on site and network plans.

Hygiene procedures should be followed at all times.

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Performance criteria

- You must be able to:*
- P1 obtain relevant information regarding the metered area being monitored
 - P2 confirm the location of specified fittings against information provided
 - P3 confirm the boundary valves are as specified and accessible
 - P4 identify network fittings and equipment requiring repair and maintenance and report the details to the relevant person in accordance with organisational requirements
 - P5 confirm the boundary valves are not passing water in accordance with organisational procedures
 - P6 where you find valves which are not in the expected state, identify the possible reasons and determine an appropriate course of action
 - P7 accurately record all relevant information in respect of the metered area and fittings in accordance with approved procedures and practices
 - P8 follow safe working and hygiene processes in accordance with approved procedures and practices

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Knowledge and understanding

You need to know and understand:

- K1 the information available regarding the metered area and where to obtain it from
- K2 how to interpret network plans
- K3 the importance of checking accessibility and working conditions of boundary valves
- K4 who to report repair and maintenance details to
- K5 procedures for water tightness of boundary valves
- K6 reasons why valves may not be in the expected status, and the implications of changing them
- K7 the consequences of making any changes or variations to water quality and supply, with regard to organisational limits
- K8 the importance of not affecting system pressures
- K9 organisational recording requirements
- K10 the importance of checking site and network plans
- K11 safety and hygiene processes and related regulatory and statutory requirements

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Additional Information

Glossary

Metered area

Existing, new

Fittings

Valves, meters

Approved procedures and practices

Regulatory, Health, Safety and Environment, relevant company procedures, emergency

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