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## Overview

This standard is about carrying out installation or changing single or 3- phase meters and associated equipment within the energy supply and use sector.

To meet this standard you will demonstrate you can:

- prepare the work area confirming it is in a safe condition to carry out the intended installation activities
- use the appropriate job specifications and instructions
- prepare and use approved tools, equipment and materials to install or change meters
- communicate effectively with all customers and members of the public.

This standard is suitable for craftspersons or technician working in the energy supply and use sector with responsibility for installing or changing meters.

## Performance criteria

### *You must be able to:*

1. use organisational procedures and available information to identify the work location
2. communicate the planned work activity to all affected parties in accordance with organisational policies and procedures
3. select, inspect and wear relevant personal protective equipment for completing work activities in line with organisational procedures
4. carry out a site-specific risk assessment of the work, identifying hazards and the required control measures
5. carry out a pre-use inspection of the tools and equipment to be used, checking condition and service information in accordance with organisational procedures
6. carry out pre and post installation tests and assessments in line with organisational procedures
7. plan the work to be undertaken in line with the risk assessment
8. apply control measures to ensure the work area is fit for purpose in line with the risk assessment
9. check meter details and accurately record meter readings
10. install or change the identified single or 3-phase meter and associated equipment using selected tools and equipment
11. check the completed installation complies with work instructions and equipment specifications
12. complete a report describing the required post activity documentation in line with organisational procedures
13. handle and dispose of waste materials in accordance with legislative and organisational procedures
14. communicate the technical requirements of the completed work activity to all affected parties and answer any technical queries
15. store tools and equipment safely and securely, leaving the work area in a safe condition in accordance with organisational procedures
16. report any problems outside your role responsibility to designated personnel in line with organisational procedures
17. work safely at all times, complying with health and safety, environmental and other relevant regulations, directives and guidelines

## Knowledge and understanding

### *You need to know and understand:*

1. the principles of health and safety in the workplace, environmental legislation and relevant regulations in relation to the work to be carried out
2. the organisational safety rules, policies and procedures in relation to work on or near metering systems
3. your organisation's isolation and locking-off procedure relating to work on metering systems
4. your organisation's safety document procedures that apply to work on metering equipment and systems
5. how to present and introduce yourself to customers
6. the correct personal protective equipment for the work and how to select, inspect and use this
7. how to carry out a risk assessment, identify hazards and assess risks of the site and proposed activity
8. the hazards associated with working on or near electrical systems and equipment and how to deal with them
9. the dangers of electricity, including
  - 9.1 how electric shock can be received
  - 9.2 direct contact
  - 9.3 induced voltage, risk of arc flash
  - 9.4 potential ignition of gas installations.
10. how to change single and 3-phase meters and associated equipment using specified methods, processes and procedures
11. how to carry out pre and post installation testing procedures
12. the importance of checking meter details and recordings
13. the importance of checking installation complies with manufacturers' instructions and equipment specifications your organisation's procedures for updating, reporting and recording information
14. the importance of communicating the technical requirements of the work to all affected parties throughout the activity
15. how to leave the work area secure and the importance of doing so
16. how to handle and dispose of hazardous and non-hazardous waste materials in line with relevant regulations

EUSSM008

Carry out installation or changing of electric meters and associated equipment



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