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## Overview

This Standard is about determining and managing control and protection resources for utilities network construction. It could apply to network construction operations for a single utility or in a multi-utility environment.

It includes confirming and setting out work areas, selecting and checking control and protection resources and maintaining security of control and protection materials and equipment.

This Standard can be used by anyone who determines control and protection resource requirements for utilities network construction and manages their ongoing storage and security.

## Performance criteria

*You must be able to:*

1. locate and confirm areas for works according to work instructions and specified requirements
2. confirm work instructions and specified requirements with authorised people when information appears unclear or incorrect
3. plan work to minimise disruption and inconvenience to others in accordance with approved procedures and practices
4. carry out and review site-specific risk assessments to identify hazards and to determine the range of control and protection equipment necessary for works in accordance with company procedures
5. select and wear designated Personal Protective Equipment (PPE) at appropriate times
6. set out areas for works in accordance with specified requirements
7. deal with hazards and risks associated with work areas and the natural environment in accordance with organisational procedures
8. select control and protection resources to meet planned requirements in accordance with the work instructions and specifications
9. confirm control and protection supplies meet requirements and are of the quality and quantity required
10. report any shortages and defects of control and protection resources to appropriate people
11. store control and protection resources in accordance with operational and organisational requirements
12. maintain the security of control and protection resources in accordance with operational and organisational requirements
13. record, store and protect data and information in organisational information systems in line with organisational data security requirements
14. refer problems and conditions outside your responsibility to appropriate people using approved procedures
15. use approved procedures and practices throughout all work activity to ensure it is in compliance with statutory requirements
16. maintain the security of site where work is not completed

## Knowledge and understanding

*You need to know and understand:*

1. relevant statutory and regulatory requirements relating to health and safety, excavations, roads and street works, location of supply apparatus where this exposes other services, hazardous materials, accidents and personal protective equipment
2. the roles and responsibilities of people within the operations team
3. site management structures for site operations
4. who to report progress, problems and deviations to
5. procedures for reporting and recording job progress, problems, deviations to work programmes
6. the importance of confirming that work location has been correctly identified
7. the types of information contained in written instructions, specifications, and drawings
8. the key requirements of an effective site layout
9. common hazards in site works and fit-for-purpose safety precautions, and methods of prevention
10. quantities and types control and protection resources required, where to obtain them and how to identify shortages and defects
11. methods of dealing with emergencies
12. the range of safety equipment in accordance with site operations
13. the main requirements of safety legislation governing site works
14. materials posing a health hazard and safe handling methods
15. the personal protective equipment for use in site operations
16. lifting and handling techniques appropriate to control and protection resources

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Determine and manage control and protection resources for utilities network construction



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