

**UEEDV0005 Install and maintain cabling for multiple access to telecommunication services**

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- TRC/CES/PE purposes	Hand, Telecommunications	3.8 Earthing requirements
- TRC/CES earthing installation tests	Hand, Telecommunications	3.10 Earthing testing
- earthing systems	Hand, Telecommunications	3.8 Earthing requirements
- earthing of equipment		
- equipotential bonding	Hand, Telecommunications	3.8 Earthing requirements
- surge suppression and system purpose, types and operation	Hand, Telecommunications	2.8 Earthing cable
Miscellaneous regulations, including:		
- cabling in heritage buildings	Hand, Telecommunications	4.2 Environmental and heritage awareness
- cabling in public places		
- cabling in hazardous areas		
Cable identification, including:		
- plans and drawing	Hand, Telecommunications	2.2 Pre-cabling installation
- labelling	Hand, Telecommunications	2.2 Pre-cabling installation
- documentation	Hand, Telecommunications	2.2 Pre-cabling installation
Telecommunication cable types, including:		
- construction	Hand, Telecommunications	2.2 Pre-cabling installation
- transmission characteristics	Hand, Telecommunications	2.2 Pre-cabling installation
- applications	Hand, Telecommunications	2.2 Pre-cabling installation
Cable installation, including:		
- hazards	Hand, Telecommunications	3.1 Risk management
- cable damage prevention	Hand, Telecommunications	2.5 Manufacturer's requirements
- cable dispensers	Hand, Telecommunications	2 - Preparing and maintaining cabling
- cable enclosures	Hand, Telecommunications	2 - Preparing and maintaining cabling
- types	Hand, Telecommunications	2.3 Cabling pathways
- fixing	Hand, Telecommunications	2.3 Cabling pathways
- regulations	Hand, Telecommunications	1.1 The telecommunications industry
- distribution boxes and back mounts	Hand, Telecommunications	2 - Preparing and maintaining cabling
Techniques for general cable installation, including:		
- correct cable length for termination		
- cable identification and labelling		
- unique label outlet ends of cable match identifier		
- cable damage prevention		
- fixing of cables to support systems		
- maintaining ground clearance and hazardous clearances		
Techniques to terminate and test, including:	Hand, Telecommunications	3 - Terminating and testing cables and earth wires
- removal of cable sheath		
- install terminating modules		
- terminate conductors		
- termination boundaries		
Earthing concepts, including:		
- earthing cable shield	Hand, Telecommunications	3.5 Cable shielding
- testing	Hand, Telecommunications	3.10 Earthing testing
- earth of metallic barriers		
- purpose of earth testing instruments		
- earth potential rise		
- earthing test procedures	Hand, Telecommunications	3.10 Earthing testing
- interpretation of results		
Cable shielding and interference, including:	Hand, Telecommunications	3.5 Cable shielding
- electromagnetic interference (EMI)/radio frequency interference (RFI) principles	Hand, Telecommunications	3.5 Cable shielding
- sources		

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