



Australian Government

Assessment Requirements for CPCPCM3025 Install trench support

Release: 2

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Modification History

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| Release 2 | This version first released with CPC Construction, Plumbing and Services Training Package Release 5.1.

Typographical errors corrected in Element 1.3 and 3.1. |
| Release 1 | This version first released with CPC Construction, Plumbing and Services Training Package Release 5.0.

New unit. |

Performance Evidence

To demonstrate competency, a candidate must meet the performance criteria for this unit by:

- installing and removing as a minimum, two trench support systems using an approved shoring method and equipment to a minimum depth of 1.5 metres.

Knowledge Evidence

To be competent in this unit, a candidate must demonstrate knowledge of:

- types of trench support systems including:
 - aluminium shoring shields
 - close timber shoring
 - drag boxes
 - fixed and/or adjustable trench boxes
 - hydraulic vertical shoring
 - lite box aluminium panels
 - powerbrace
 - slide rails
 - raking shoring
- hazards associated with excavation including:
 - soil types and the likelihood of sudden changes in soil
 - presence of ground water and water entering cracks in soil adjacent to the excavation
 - effects on ground material by exposure to the air after excavation
 - vibration due to machinery, plant, motor vehicles and machinery
 - excavation depth and shape

- presence or proximity of other underground services
- presence of excavation, backfill material or equipment placed near an excavation
- excavation within public property requirements
- excavation close to footings and buildings
- work health and safety (WHS) requirements associated with the installation of trench support systems
- how to access relevant information, including job plans and specifications, codes, Australian standards, manufacturer's specifications and jurisdictional requirements
- tools, materials and equipment used for the installing trench support.

Assessment Conditions

Assessors must satisfy the requirements for assessors listed in the Standards for Registered Training Organisations.

This unit must be assessed in the workplace or a close simulation using realistic workplace conditions, materials, activities, responsibilities, procedures, safety requirements and environmental considerations.

Links

Companion volumes to this training package are available at the VETNet website - <https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=7e15fa6a-68b8-4097-b099-030a5569b1ad>