

<b>Title</b>	<b>Demonstrate knowledge of protection and support systems for excavation on an infrastructure works site</b>		
<b>Level</b>	<b>3</b>	<b>Credits</b>	<b>2</b>

<b>Purpose</b>	People credited with this unit standard are able to: describe protection and support systems used for excavation safety; and explain reasons for the selection of a specific protection and support systems on an infrastructure works site.
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<b>Classification</b>	Infrastructure Works > Generic Infrastructure Works
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<b>Available grade</b>	Achieved
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### Guidance information

- 1 Legislation and references relevant to this unit standard include:  
Health and Safety at Work Act 2015;  
*Excavation Safety – Good practice guidelines*, available from  
<http://www.worksafe.govt.nz>.
- 2 It is recommended that this unit standard is achieved before unit standard 27502.
- 3 Definitions  
*Battering* also refers to sloping.  
*Company requirements* include the policy, procedures, and methodologies of the company. They include legislative and regulatory requirements which may apply across the company or to a specific site. Requirements are documented in the company's health and safety plans, traffic management plans, contract work programmes, quality assurance programmes, policies, and procedural documents.  
*Protection and support systems* for excavation and trench safety include shoring, benching, battering, and shielding.

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### Outcomes and performance criteria

#### Outcome 1

Describe protection and support systems used for excavation safety on an infrastructure works site.

#### Performance criteria

- 1.1 Shoring and shielding are described in terms of purpose and function.  
Range two types of shoring and two types of shielding.

1.2 Benching and battering are described in terms of purpose and function.

## Outcome 2

Explain reasons for the selection of specific protection and support systems on an infrastructure works site.

### Performance criteria

2.1 Reasons for selecting specific protection and support systems are explained in accordance with company requirements.

<b>Planned review date</b>	31 December 2023
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### Status information and last date for assessment for superseded versions

Process	Version	Date	Last Date for Assessment
Registration	1	21 July 2011	31 December 2021
Review	2	29 November 2018	N/A

<b>Consent and Moderation Requirements (CMR) reference</b>	0101
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This CMR can be accessed at <http://www.nzqa.govt.nz/framework/search/index.do>.

### Comments on this unit standard

Please contact Connexis Infrastructure ITO [qualifications@connexis.org.nz](mailto:qualifications@connexis.org.nz) if you wish to suggest changes to the content of this unit standard.