



**Australian Government**

# **RIICTT309E Install slip lining in existing pipeline systems**

**Release: 1**

## RIICTT309E Install slip lining in existing pipeline systems

### Modification History

This unit replaces RIICTT309D Install slip lining in existing pipeline systems. Minor endorseable amendments have been made to Elements, Performance Criteria, Foundation Skills, Performance Evidence and Knowledge Evidence to better reflect current industry practices and clarify training outcomes.

### Application

This unit develops the skills and knowledge required to installing slip lining in existing pipeline systems in civil construction.

It applies to those working in operational roles. They generally work under supervision and hold some responsibility over installing slip lining in existing pipeline systems.

No licensing, legislation or certification requirements apply to this unit at the time of publication.

### Unit Sector

Civil construction

### Elements and Performance Criteria

| ELEMENT                                                        | PERFORMANCE CRITERIA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|----------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <i>Elements describe the essential outcomes.</i>               | <i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| 1. Prepare to install slip lining in existing pipeline systems | <ul style="list-style-type: none"><li>1.1 Obtain, interpret and confirm work requirements</li><li>1.2 Access, interpret and apply documentation and procedures for installation of slip lining in existing pipeline systems and confirm work activity is compliant</li><li>1.3 Identify environmental issues and potential hazards, and assess and address risks within scope of own role and according to workplace procedures</li><li>1.4 Select and wear personal protective equipment required for work activities</li><li>1.5 Complete induction procedures as required by workplace policies and procedures and job role requirements</li><li>1.6 Identify, obtain and implement signage requirements from the project traffic management plan</li><li>1.7 Identify and select plant, tools and equipment, check</li></ul> |

| ELEMENT                          | PERFORMANCE CRITERIA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|----------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                                  | for serviceability and rectify and report any faults as required                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| 2. Perform site survey           | 2.1 Notify and obtain approval from property owners and occupiers for entry onto their property<br>2.2 Determine site conditions by visual inspection, plans, discussion with land owners and information from service utilities<br>2.3 Locate underground utilities according to job and workplace requirements<br>2.4 Record existing site conditions according to job and workplace requirements                                                                                                                                                              |
| 3. Initiate rehabilitation works | 3.1 Prepare entry and exit pits where specified<br>3.2 Identify, interpret and apply required confined space entry procedures<br>3.3 Monitor process and confirm conformity to design requirements<br>3.4 Maintain system serviceability during rehabilitation works                                                                                                                                                                                                                                                                                             |
| 4. Undertake slip-lining         | 4.1 Determine fault with the aid of plans, drawings, CCTV recordings and other mechanisms as required<br>4.2 Select slip-lining method required for fault<br>4.3 Apply pressure cleaning to the designated location<br>4.4 Spiral and push liner as required into the existing pipe<br>4.5 Install slip-lining material according to work requirements<br>4.6 Secure and seal termination at ends of process<br>4.7 Open junctions for inspection and operation<br>4.8 Monitor installation process and confirm finished product conforms to design requirements |
| 5. Clean up                      | 5.1 Clear work area and dispose of, reuse and recycle materials as required<br>5.2 Clean, check, perform maintenance on and store plant, tools and equipment and report issues as required or address within scope of own role                                                                                                                                                                                                                                                                                                                                   |

## Foundation Skills

*This section describes those language, literacy, numeracy and employment skills that are essential to performance but not explicit in the performance criteria.*

| Skill   | Description                                                                                                                                                                  |
|---------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Reading | <ul style="list-style-type: none"><li>Identifies and interprets information from at times complex workplace procedures, documentation, legislation and regulations</li></ul> |
| Writing | <ul style="list-style-type: none"><li>Records simple and routine information relating to work activities</li></ul>                                                           |

## Unit Mapping Information

Supersedes and is equivalent to RIICTT309D Install slip lining in existing pipeline systems.

## Links

Companion Volume implementation guides are found in VETNet -

<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=88a61002-9a21-4386-aaf8-69c76e675272>