



**Australian Government**

# **RIIMPO327E Conduct pipe layer operations**

**Release: 3**

## RIIMPO327E Conduct pipe layer operations

### Modification History

Release	Comments
Release 1	This version first released with RII Resources and Infrastructure Industry Training Package Version 3.0.
Release 2	Editorial corrections.
Release 3	Editorial and other amendments made to clarify requirements in Application and Performance Criteria 4.3.

### Application

This unit describes the skills and knowledge required to operate and lay pipe using a pipe layer

This unit applies to those working in site based roles.

Licensing, legislative, regulatory and certification requirements that apply to this unit can vary between states, territories, and industry sectors, and must be sourced from state jurisdictions prior to applying this unit.

This unit alone does not provide sufficient skill to independently load and unload equipment. To perform this activity safely, personnel must either complete or be assisting someone who has completed RIIHAN308F Load and unload plant or equivalent.

### Unit Sector

Civil infrastructure

### 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. Plan and prepare for pipe layer operations	1.1 Access, interpret and apply pipe layer operations documentation 1.2 Obtain, interpret clarify and confirm work instructions 1.3 Identify hazards and environmental issues, assess the risks and implement control measures 1.4 Select and wear personal protective equipment required for work

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	activities 1.5 Identify, obtain and implement traffic management signage according to workplace procedures 1.6 Select equipment and/or attachments and confirm suitability for work activities 1.7 Obtain and interpret emergency procedures for pipe layer, and be prepared for fires, accidents and emergencies 1.8 Coordinate and communicate planned activities with others at the site prior to commencement of work activity
2. Operate pipe layer in line with establisher requirements	2.1 Carry out equipment prestart and start-up checks in line with workplace procedures 2.2 Identify faults or defects and rectify or report within scope of own responsibility and according to workplace procedures 2.3 Drive and operate using pipe layer techniques suited to equipment capabilities, site and work conditions, and according to workplace procedures 2.4 Monitor hazards and risks during operations, and ensure safety of self, other personnel, plant and equipment 2.5 Monitor and manage equipment performance using indicators and alarms
3. Attach, carry and place pipe to complete work activity	3.1 Establish weight of load and ensure it is within safe operational limits of the machine 3.2 Position machinery to ensure stable and effective shift of materials according to work requirements 3.3 Use lifting gear within safe working load requirements and in line with workplace procedures 3.4 Shift pipe and place safely, using hand, audible and communication signals, in line with workplace procedures 3.5 Park up, shut down, secure and carry out post operational inspection of equipment in line with workplace procedures
4. Transport pipe layer	4.1 Prepare pipe layer for relocation 4.2 Move pipe layer safely between worksites, observing relevant codes and traffic management requirements 4.3 Assist loading and unloading machine from float/trailer as

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	required by workplace procedures
5. Conduct housekeeping activities	5.1 Clear work area and dispose of or recycle materials according to workplace procedures 5.2 Manage and/or report hazards to maintain a safe working environment 5.3 Complete and file or distribute documentation

## Foundation Skills

*This section describes those language, literacy, numeracy and employment skills that are essential to performance.*

<b>Skill</b>	<b>Description</b>
Reading	<ul style="list-style-type: none"> <li>Identifies and interprets relevant information from workplace procedures, documentation, legislation and regulations</li> </ul>
Numeracy	<ul style="list-style-type: none"> <li>Uses equipment operating capacity schedule to confirm safe weight load limits</li> </ul>

## Unit Mapping Information

<b>Code and title current version</b>	<b>Code and title previous version</b>	<b>Comments</b>	<b>Equivalence status</b>
RIIMPO327E Conduct pipe layer operations (Release 2)	RIIMPO327E Conduct pipe layer operations (Release 1)	Editorial corrections.	Equivalent unit

## Links

Companion Volume Implementation Guides are available from VETNet -

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