



Australian Government

RIIMPO327D Conduct pipe layer operations

Release: 3

RIIMPO327D Conduct pipe layer operations

Modification History

Release	Comment
1	This unit replaces RIIMPO327A Conduct pipe layer operations.
2	Performance Evidence wording amended; removed repetition from Performance Criteria; amend reference to Licensing requirements in Unit Application.
3	Required frequency and volume of evidence amended in Performance evidence. Substantial amendments made in Assessment Conditions field, including: references to Industry Sectors, assessor and subject matter expert experience requirements, how assessment should be conducted and what it should confirm.

Application

This unit describes a participant's skills and knowledge required to conduct pipe layer operations in Civil construction.

This unit is appropriate for those working in operational roles.

Licensing, legislative, regulatory and certification requirements that apply to this unit can vary between states, territories, and Industry sectors. Relevant information must be sourced prior to application of the unit.

Unit Sector

Civil construction

Elements and Performance Criteria

1. Plan and prepare for pipe layer operations	1.1 Access, interpret and apply pipe layer operations documentation and ensure the work activity is compliant 1.2 Obtain, read, interpret clarify and confirm work instructions 1.3 Identify and address risks, hazards and environmental issues and implement control measures 1.4 Select and wear personal protective equipment appropriate for work activities 1.5 Identify, obtain and implement traffic management signage 1.6 Select, and check for faults, equipment and/or attachments for
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	work activities 1.7 Obtain and interpret emergency procedures, and be prepared for fire/accident/emergency
2. Operate pipe-layer	2.1 Carry out pre-start, start-up, park-up, shutdown and secure equipment procedures 2.2 Coordinate activities with others at the site prior to commencement of, and during, the work activity 2.3 Continually monitor hazards and risks, and ensure safety of self, other personnel, plant and equipment 2.4 Drive and operate pipe-layer, and modify the operating technique to meet changing work conditions 2.5 Complete work plan within the operating capacity of the equipment 2.6 Act on or report monitoring systems and alarms
3. Attach, secure, lift, carry and place materials	3.1 Conduct communication practices associated with transportation and lifting of materials 3.2 Establish weight of load and ensure it is within safe operational limits of the machine 3.3 Select, attach and use slings and lifting gear in accordance with safe working load requirements 3.4 Shift load safely and effectively 3.5 Position machinery ensuring stability and locate to effectively shift materials according to job specifications 3.6 Move load using hand/audible/communication signals
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 Load and unload machine from float/trailer
5. Carry out machine operator maintenance	5.1 Prepare machine for maintenance 5.2 Conduct inspection and fault finding 5.3 Carry out scheduled maintenance tasks 5.4 Process written maintenance records
6. Conduct housekeeping activities	6.1 Clear work area and dispose of or recycle materials 6.2 Process records

Foundation Skills

Foundation skills essential to performance are explicit in the performance criteria of this unit. Further information is available in the Resources and Infrastructure Industry Training Package Companion Volume.

Unit Mapping Information

RIIMPO327A Conduct pipe layer operations

Links

Companion Volume implementation guides are found in VETNet -

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