



Australian Government

RICTT302D Conduct impact moling, ramming and augering

Release: 2

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Modification History

Release	Comment
1	This unit replaces RIICTT302A Conduct impact moling, ramming and augering
2	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 impact moling, ramming and augering in Civil Construction.

This unit is appropriate for those working in operational roles.

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

Unit Sector

Civil construction

Elements and Performance Criteria

1. Plan and prepare for impact moling, ramming and augering	1.1 Access, interpret and apply impact moling, ramming and augering documentation and ensure the work activity is compliant 1.2 Obtain, read, interpret, clarify and confirm work requirements 1.3 Identify and address potential 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 signage requirements 1.6 Select tools and equipment for the task, check for and report faults
2. Determine boring requirements	2.1 Determine location, alignment direction, level and grade of bore from drawings and specifications

	<p>2.2 Use above and below ground survey instruments and determine the bore pathway for underground vertical and horizontal alignment</p> <p>2.3 Conduct visual geological investigation of alignment and determine the differing soil types and groundwater conditions</p> <p>2.4 Select bore head for the strata</p> <p>2.5 Position, anchor/stake down boring equipment</p>
3. Conduct equipment checks	<p>3.1 Carry out start-up, shutdown and communication procedures</p> <p>3.2 Check equipment controls and functions, including implements or other attachments, anchors and/or stabilising equipment for serviceability and report faults</p> <p>3.3 Conduct inspection and fault finding</p> <p>3.4 Carry out equipment maintenance</p>
4. Drive bore hole	<p>4.1 Prepare launch and receiving pits in accordance with site requirements to accommodate bore rig and tools</p> <p>4.2 Prepare launch and receiving pits for inserting and receiving bore head in accordance with site requirements</p> <p>4.3 Establish traverse line of bore head to receiving pit prior to launching mole</p> <p>4.4 Monitor machine for continuity of production to site conditions</p>
5. Clean up	<p>5.1 Clear work area and dispose of, reuse or recycle materials</p> <p>5.2 Clean, check, maintain and store plant, tools and equipment</p>

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

RIICTT302A Conduct impact moling, ramming and augering

Links

Companion Volume implementation guides are found in VETNet - <https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=88a61002-9a21-4386-aaf8-69c76e675272>

