



Australian Government

RIICTT302E Conduct impact moling, ramming and augering operations

Release: 1

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Modification History

This unit replaces RIICTT302D Conduct impact moling, ramming and augering. 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 describes the skills and knowledge required to conduct impact moling, ramming and augering in civil construction.

It applies to those working in operational roles. They generally work in teams, under supervision and hold some responsibility over impact moling, ramming and augering operations.

No licensing, legislative 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 for impact moling, ramming and augering	1.1 Obtain, interpret and confirm work requirements 1.2 Access, interpret and apply documentation required for impact moling, ramming and augering and confirm work activity is compliant 1.3 Identify environmental issues and potential hazards, and assess and address risks within scope of own role and according to workplace procedures 1.4 Select and wear personal protective equipment required for work activities 1.5 Complete induction procedures as required by workplace policies and procedures and job role requirements 1.6 Identify, obtain and implement traffic signage

ELEMENT	PERFORMANCE CRITERIA
	requirements 1.7 Select tools and equipment required for task, check for and rectify and report faults as required
2. Determine boring requirements	2.1 Determine location, alignment direction, level and grade of bore from drawings and specifications 2.2 Determine bore pathway for underground vertical and horizontal alignment using above and below ground survey instruments 2.3 Conduct visual geological investigation of alignment and determine differing soil types and groundwater conditions
3. Check and prepare equipment	3.1 Select bore head required for strata 3.2 Position and stake down boring equipment 3.3 Conduct pre-operational start-up, shutdown and communication procedures 3.4 Inspect equipment controls and functions and report faults as required 3.5 Carry out equipment maintenance
4. Drive bore hole	4.1 Prepare launch and receiving pits for bore rig and tools according to site requirements 4.2 Prepare launch and receiving pits for inserting and receiving bore head according to site requirements 4.3 Establish traverse line of bore head to receiving pit prior to launching mole 4.4 Monitor machine operations to meet site and task requirements
5. Clean up	5.1 Clear work area and dispose of, reuse and recycle materials as required 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 5.3 Carry out housekeeping to workplace requirements

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	Identifies and interprets information from at times complex workplace procedures, documentation, legislation and regulations

Unit Mapping Information

Supersedes and is equivalent to RIICTT302D 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>