



Australian Government

AHCLPW303 Construct access tracks

Release: 1

AHCLPW303 Construct access tracks

Modification History

Release Number	TP Version	Comments
1	AHCv1.0	Initial release

Application

This unit of competency describes the skills and knowledge required to construct access tracks and clear vegetation on rural land.

This unit applies to workers in land management who are required to implement erosion control principles and apply specialised earthmoving techniques to fine tolerances. Work is often carried out in varied conditions and landscapes that require operators to develop skills that are unique to this sector.

All work is undertaken in accordance with relevant national, State, and local legislation and/or regulations.

This unit applies to individuals who work under broad direction and use discretion and judgement in the selection and use of available resources.

Licenses for vehicles and machinery may be required for this unit. Specific determination should be sought through the relevant State or Territory.

Pre-requisite Unit

Nil.

Unit Sector

Lands, Parks and Wildlife (LPW)

Elements and Performance Criteria

Element	Performance criteria
Elements describe the essential outcomes.	Performance criteria describe the performance needed to demonstrate achievement of the element.
1. Prepare for construction of access track	1.1 Confirm construction details and work sequence 1.2 Confirm compliance with relevant regulatory planning and environmental legislation

Element	Performance criteria
	1.3 Confirm equipment is ready for work 1.4 Match equipment and attachments to tasks and terrain 1.5 Locate survey pegs and site indicators on work site 1.6 Follow organisational work health and safety procedures 1.7 Adhere to site environmental concerns 1.8 Apply principles of erosion and sediment control to the construction of track 1.9 Determine control points, required grades and water crossing points and structures from field observations and any available additional information 1.10 Obtain permits or licences required for the construction 1.11 Schedule and coordinate people, materials and equipment
2. Construct access track	2.1 Use earthworks methods and patterns for specific machines during construction according to job requirements 2.2 Monitor and maintain optimum machine loads to suit prevailing conditions 2.3 Use safe machine operating techniques and procedures to match terrain, site conditions and other operators 2.4 Complete excavation, transport, dumping and compaction of material in line with job sequence and endorsed industry practices 2.5 Clear vegetation according to industry best practice 2.6 Liaise with neighbouring landholders, local authorities and interest groups during the construction activity 2.7 Complete documentation required by organisation 2.8 Communicate with staff, clients and contractors during construction 2.9 Ensure work methods meet environmental sustainability, biosecurity and work health and safety requirements
3. Apply final finish to track	3.1 Use endorsed industry methods to surface track to achieve job specifications 3.2 Retain site features and vegetation in line with work plan 3.3 Clear site and remove debris in line with contract requirements

Foundation Skills

Foundation Skills essential to performance are explicit in the performance criteria of this unit of competency.

Range of Conditions

Unit Mapping Information

This unit is equivalent to AHCLPW303A Construct access tracks.

Links

Companion Volume implementation guides are found in VETNet -

<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=c6399549-9c62-4a5e-bf1a-524b2322cf72>

Assessment Requirements for AHCLPW303 Construct access tracks

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Performance Evidence

The candidate must be assessed on their ability to integrate and apply the performance requirements of this unit in a workplace setting. Performance must be demonstrated consistently over time and in a suitable range of contexts.

The candidate must provide evidence that they can:

- select and prepare equipment
- determine control points, required grades and water crossing points and structures from field observations
- confirm that plans comply with legislative requirements by checking with a supervisor or authorised person
- construct tracks to organisational standards
- excavate, transport, dump and compact road material according to job sequence and endorsed industry practices
- finish track surface
- clean worksite to organisational standards
- operate machinery according to manufacturer and safe operating procedures
- apply work health and safety practices in the context of own work
- apply biosecurity measures in the context of own work
- apply appropriate sustainability practices in the context of own work

Knowledge Evidence

The candidate must demonstrate knowledge of:

- erosion and sediment control standards, principles and issues that apply to the construction of the access track, including:
 - soils and soil formation
 - earthmoving principles
 - total catchment issues
 - how to manage peak water flows
 - subsurface and surface drainage principles and systems

- key concepts of the relevant wildlife, environmental, planning, ground water legislation
- biosecurity in the context of own work
- permits and licenses required for the construction of access tracks

Assessment Conditions

Assessors must satisfy current standards for RTOs.

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