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AHCSAW304 Implement erosion and sediment control measures

Release: 1

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Modification History

Release	Comments
Release 1	This version released with AHC Agriculture, Horticulture and Conservation and Land Management Training Package Version 6.0.

Application

This unit of competency describes the skills and knowledge required to construct, install and maintain a range of measures specified on erosion and sediment control plans.

The unit applies to individuals who work under broad direction and take responsibility for their own work, including limited responsibility for the work of others. They use discretion and judgement in the selection, allocation and use of available resources and for solving problems.

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

Pre-requisite Unit

Nil

Unit Sector

Soil and Water Conservation (SAW)

Elements and Performance Criteria

Elements	Performance Criteria
Elements describe the essential outcomes.	*Performance criteria describe the performance needed to demonstrate achievement of the element.*
1. Prepare for implementation and construction	1.1 Confirm erosion and sediment control site and work requirements with maps, plans and specifications 1.2 Identify and locate worksite and surveyed work according to maps and site plans 1.3 Select, check and prepare machinery and equipment required for erosion and sediment control work 1.4 Verify the suitability of equipment and attachments for terrain and

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	control works

1.5 Identify hazards, assess risks and implement controls according to workplace health and safety and environmental procedures

1.6 Select, check and use personal protective equipment

1.7 Select materials required for proposed works according to plans and specifications |
| 2. Carry out implementation and construction | 2.1 Coordinate work sequence with work team according to planned works

2.2 Operate tools and equipment safely using techniques suitable for terrain, site conditions and other operators and site worker safety

2.3 Construct erosion and sediment control earthworks according to specifications |
| 3. Carry out repairs and maintenance procedures | 3.1 Monitor site operations and identify and resolve performance issues according to workplace procedures

3.2 Clean, maintain and store machinery, tools and equipment according to environmental and biosecurity procedures

3.3 Maintain records according to workplace procedures |

Foundation Skills

This section describes those language, literacy, numeracy and employment skills that are essential for performance in this unit of competency but are not explicit in the performance criteria.

Skill	Description
Reading	• Interpret basic construction plans and specifications for erosion control works and consolidate information to determine equipment required, methods and location of works and the tolerances required
Numeracy	• Make measurements and perform calculations to check site layout against plans for erosion and sediment control works
• Make basic volumetric calculations for measuring and estimating materials during construction works

Unit Mapping Information

Code and title current version	Code and title previous version	Comments	Equivalence status
AHCSAW304 Implement erosion and sediment control measures	AHCSAW302 Implement erosion and sediment control measures	Changes to Application and Performance Criteria for clarity Updated Foundation Skills, Performance Evidence, Knowledge Evidence and Assessment Conditions	Not equivalent

Links

Companion Volumes, including Implementation Guides, are available at VETNet: - https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=c6399549-9c62-4a5e-bf1a-524b2322cf72