



Australian Government

Assessment Requirements for AHCMOM310 Operate land-forming machinery and equipment

Release: 2

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Modification History

Release	Comments
Release 2	This version released with AHC Agriculture, Horticulture and Conservation and Land Management Training Package Version 3.0.
Release 1	This version released with AHC Agriculture, Horticulture and Conservation and Land Management Training Package Version 1.0.

Performance Evidence

An individual demonstrating competency must satisfy all of the elements and performance criteria in this unit. There must be evidence that the individual has safely operated land-forming machinery and equipment for agricultural or conservation earthworks purposes at least once and has:

- identified hazards and implemented safe workplace practices and procedures
- carried out land-forming machinery and equipment pre-operational checks according to operation and maintenance manual
- performed minor maintenance
- recognised and documented defects in land-forming machinery and equipment and operational capacity
- attached and detached ancillary equipment safely
- operated land-forming machinery and equipment according to operation and maintenance manual, manufacturer specifications, task requirements and conditions
- shut down machinery and equipment and recorded usage
- minimised environmental impacts associated with land-forming machinery and equipment operation
- followed industry and workplace biosecurity procedures
- applied workplace health and safety procedures.

Knowledge Evidence

An individual must be able to demonstrate the knowledge required to perform the tasks outlined in the elements and performance criteria of this unit. This includes knowledge of:

- hazards and risks associated with land-forming machinery and equipment operations
- land-forming machinery and equipment components, controls, features, technical capabilities and limitations

- manufacturer requirements and workplace requirements for:
 - pre-operational checks
 - machinery operation techniques
 - operator level servicing
 - planned and emergency shut down procedures
- general land forming concepts and practices including:
 - contouring, surface drainage and erosion
 - slope requirements
 - survey and set out
- workplace procedures applicable to health and safety in the workplace requirements for land-forming machinery and equipment operation
- environmental impacts associated with operating machinery and equipment used for land-forming
- industry and workplace biosecurity procedures.

Assessment Conditions

Assessment of skills must take place under the following conditions:

- physical conditions:
 - a workplace setting or an environment that accurately represents workplace conditions
 - in a range of weather and surface conditions and on a range of different terrains
 - individual must not be under the influence of alcohol or drugs
 - individual must not be taking any medication (prescribed or otherwise) that may impair judgement
 - individual must not be in a fatigued state when operating land-forming machinery
- resources, equipment and materials:
 - land-forming machinery and equipment
 - safety equipment and personal protective clothing and equipment applicable to the task being undertaken
- specifications:
 - land-forming machinery and equipment operation and maintenance manuals
 - industry and workplace biosecurity procedures applicable to land-forming
- timeframes:
 - according to the job requirements.

Assessors of this unit must satisfy the requirements for assessors in applicable vocational education and training legislation, frameworks and/or standards.

Links

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