



Australian Government

Assessment Requirements for AHCMOM315 Operate chemical application 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, on at least one occasion, the individual has calibrated, operated and cleaned specialised liquid or granular chemical application machinery and equipment and has:

- identified hazards and implemented safe workplace practices and procedures
- carried out chemical application machinery and equipment pre-operational checks according to operation and maintenance manual
- sourced and interpreted relevant Safety Data Sheets (SDS)
- performed minor maintenance
- recognised and documented defects in chemical application machinery and equipment and operational capacity
- attached and detached ancillary equipment
- calibrated and set up application components
- operated chemical application machinery according to operation and maintenance manual, manufacturer specifications, task requirements and regulatory requirements
- assessed and minimised spray drift risk
- completed operational records according to legislative and regulatory requirements
- minimised environmental impacts associated with chemical application 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 chemical application machinery and equipment operations
- categories of information contained in SDS
- chemical application 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
- features and functions of chemical application equipment components, including:
 - liquid spray; nozzles, tanks, agitation systems, pumps, filters, pressure regulation valves
 - granular applicators/dusters; hoppers, flow control valves
- effects of meteorological conditions on chemical application
- legislative and regulatory requirements applicable to chemical application
- workplace procedures applicable to health and safety in the workplace for chemical application machinery and equipment operation
- environmental impacts associated with operating chemical application machinery and equipment including spray drift
- 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
 - 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 chemical application machinery
- resources, equipment and materials:
 - chemical application machinery and equipment
 - protective clothing
 - respirators
 - protective eyewear
 - unlined rubber or plastic gloves
 - neoprene or nitrile boots
 - safety equipment and personal protective equipment applicable to the task being undertaken
- specifications:

- chemical application machinery and equipment operation and maintenance manuals and manufacturer specifications
- legislative and regulatory requirements applicable to chemical application
- industry and workplace biosecurity procedures applicable to chemical application
- 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>