



Australian Government

Assessment Requirements for AHCMMOM204 Undertake operational maintenance of machinery

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 prepared for, carried out and completed operational maintenance of at least two types of machinery used in the agriculture, horticulture or land management sectors. For each machinery type, the individual must have demonstrated the following:

- identified and reported hazards and implemented safe working practices
- selected and prepared tools and equipment required for machinery maintenance
- carried out lubrication and operational servicing of machinery
- conducted basic diagnostic tests required for maintenance of machinery
- checked machinery components for wear and tear, replaced parts, tagged and reported defects
- collected, removed and recycled or disposed of wastes according workplace environmental procedures
- followed workplace health and safety procedures when undertaking operational maintenance of machinery.

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:

- types and uses of lubricants and other commonly used servicing materials
- operating principles of machinery including mechanical and auto-electrical systems
- servicing characteristics of plant and equipment
- types, characteristics, uses and limitations of hand power tools
- functions of components of common mechanical and hydraulic systems
- different working principles of two stroke, four stroke, petrol and diesel engines

- set-up requirements of plant and equipment, and principles of calibration
- basic diagnostic processes and techniques used to identify faults
- sourcing machinery and equipment operation and maintenance manuals
- environmental impacts of machinery maintenance and disposal of fuels, oils and other wastes
- procedures applicable to health and safety in the workplace requirements to maintain machinery safely.

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
- resources, equipment and materials:
 - machinery
 - maintenance tools and equipment
 - personal protective equipment applicable to the task being undertaken
- specifications:
 - machinery operation and maintenance manual
 - workplace procedures applicable to machinery maintenance
- 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>