



Australian Government

Assessment Requirements for AHCWRK302 Monitor weather conditions

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 demonstrated that they have monitored weather conditions, including:

- monitored and interpreted weather and climate information and considered the impact on work activities and current operations
- interpreted weather and climate conditions to determine preventative actions
- communicated warnings and concerns to others according to workplace procedures
- determined and implemented preventative actions to minimise impact of adverse weather conditions on workplace activities
- monitored ongoing changes to weather conditions and reviewed prevention actions
- reviewed personal currency of skills in weather forecasting and implemented a personal development plan
- recorded weather information according to workplace 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:

- weather and climate conditions and its impact upon agriculture, horticulture and conservation activities, including:
 - humidity
 - temperature
 - sunlight light
 - ΔT
 - frosts
 - inversions

- dew point
- wind - force and direction
- rainfall - precipitation rate and frequency
- effect of adverse weather conditions on agriculture, horticulture and conservation activities
- strategies to mitigate effects of adverse weather and climatic conditions on agriculture, horticulture and conservation activities
- methods of monitoring and interpreting weather and climatic conditions, including:
 - bureau of meteorology
 - local weather stations
 - weather meters
- enterprise and industry procedures for monitoring weather and climate conditions and recording and reporting
- strategies for maintaining personal development in weather monitoring and forecasting skills.

Assessment Conditions

Assessment of skills must take place under the following conditions:

- physical conditions:
 - skills must be demonstrated in an agriculture or horticulture or conservation environment or an environment that accurately represents workplace conditions
- resources, equipment and materials:
 - weather stations or weather meter relevant to workplace
 - computer or similar technologies to access weather data
- specifications:
 - workplace procedures, instructions or job specifications relevant to assessing the effects of weather conditions
 - weather reports, warnings and climate data relevant to workplace
- relationships:
 - • team members for dissemination of weather warning information.

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>