

**Modification history**

Release	Comments
Release 1	This version released with Training Package Version 8.0.

AHCWRK3X2	Monitor weather conditions
<b>Application</b>	<p>This unit of competency describes the skills and knowledge required to monitor and interpret weather and climate conditions and assess the likely impact on work functions and activity.</p> <p>The unit applies to individuals who monitor weather conditions under broad direction and take responsibility for their own work.</p> <p>No licensing, legislative or certification requirements apply to this unit at the time of publication.</p>
<b>Prerequisite Unit</b>	Nil
<b>Unit Sector</b>	Work (WRK)

Elements	Performance Criteria
<i>Elements describe the essential outcomes.</i>	<i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>
1. Interpret weather and climate information	1.1 Review weather and climate information and warnings to determine likely conditions 1.2 Anticipate and assess potential variations in weather and climate conditions according to weather information and reports 1.3 Identify the possible impacts of weather and climate on workplace activity 1.4 Identify and review options for appropriate preventative actions
2. Carry out preventative actions within the workplace	2.1 Disseminate information and advice according to workplace procedures 2.2 Plan preventative action according to the known effects on workplace activities 2.3 Implement actions to minimise adverse effects on workplace activities 2.4 Adjust and revise workplace activities and schedules according to weather conditions
3. Monitor weather and climate	3.1 Access regular weather updates to determine the ongoing suitability of current programs 3.2 Review the viability and scheduling of work tasks to align with predicted weather conditions 3.3 Record weather information according to workplace requirements

<b>Foundation Skills</b>	
<i>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.</i>	
<b>Skill</b>	<b>Description</b>
Reading	<ul style="list-style-type: none"> <li>Analyses and consolidates weather reports, warning and data from a range of sources to interpret for actions</li> </ul>
Writing	<ul style="list-style-type: none"> <li>Record weather and climate data according to workplace procedures using appropriate language, grammar and terminology</li> </ul>
Numeracy	<ul style="list-style-type: none"> <li>Performs mathematical calculations to interpret and compare weather data</li> </ul>

<b>Unit Mapping Information</b>			
<b>Code and title current version</b>	<b>Code and title previous version</b>	<b>Comments</b>	<b>Equivalence status</b>
AHCWRK3X2 Monitor weather conditions	AHCWRK302 Monitor weather conditions	Minor changes to application Major and minor changes to performance criteria and foundation skills Major and minor edits to performance and knowledge evidence and assessment conditions	Not equivalent

<b>Links</b>	Companion Volumes, including Implementation Guides, are available at VETNet: <a href="https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=c6399549-9c62-4a5e-bf1a-524b2322cf72">https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=c6399549-9c62-4a5e-bf1a-524b2322cf72</a>
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<b>TITLE</b>	<b>Assessment requirements for AHCWRK3X2 Monitor weather conditions</b>
<b>Performance Evidence</b>	
<p>An individual demonstrating competency must satisfy all of the elements and performance criteria in this unit.</p> <p>There must be evidence that the individual has monitored weather conditions on at least two occasions and has:</p> <ul style="list-style-type: none"> <li>• monitored and interpreted weather and climate information and considered the impact on work activities and current operations</li> <li>• interpreted weather and climate conditions to determine preventative actions</li> <li>• communicated warnings and concerns to others according to workplace procedures</li> <li>• determined and implemented preventative actions to minimise impact of adverse weather conditions on workplace activities</li> <li>• monitored ongoing changes to weather conditions and reviewed prevention actions</li> <li>• recorded weather information according to workplace requirements.</li> </ul>	
<b>Knowledge Evidence</b>	
<p>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:</p> <ul style="list-style-type: none"> <li>• weather and climate conditions and its impact upon agriculture, horticulture and conservation activities, including: <ul style="list-style-type: none"> <li>• humidity</li> <li>• temperature</li> <li>• sunlight light</li> <li>• <b>delta T (<math>\Delta T</math>)</b></li> <li>• frosts</li> <li>• inversions</li> <li>• dew point</li> <li>• wind - force and direction</li> <li>• rainfall - precipitation rate and frequency</li> </ul> </li> <li>• effect of adverse weather conditions on agriculture, horticulture and conservation activities</li> <li>• strategies to mitigate effects of adverse weather and climatic conditions on agriculture, horticulture and conservation activities</li> <li>• methods of monitoring and interpreting weather and climatic conditions, including: <ul style="list-style-type: none"> <li>• bureau of meteorology</li> <li>• local weather stations</li> <li>• weather meters</li> </ul> </li> <li>• workplace and industry procedures for monitoring weather and climate conditions and recording and reporting.</li> </ul>	
<b>Assessment Conditions</b>	
<p>Assessment of skills must take place under the following conditions:</p> <ul style="list-style-type: none"> <li>• physical conditions: <ul style="list-style-type: none"> <li>• a workplace setting or an environment that accurately represents workplace conditions</li> </ul> </li> <li>• resources, equipment and materials: <ul style="list-style-type: none"> <li>• weather reports, warnings and climate data relevant to workplace</li> <li>• computer hardware and software or similar technologies to access weather data</li> </ul> </li> <li>• specifications: <ul style="list-style-type: none"> <li>• workplace procedures, instructions or job specifications relevant to assessing the effects of weather conditions</li> </ul> </li> <li>• relationships: <ul style="list-style-type: none"> <li>• team members.</li> </ul> </li> </ul> <p>Assessors of this unit must satisfy the requirements for assessors in applicable vocational education and training legislation, frameworks and/or standards.</p>	

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