



Australian Government

Assessment Requirements for PUA FIR323

Take local weather observations

Release: 1

Assessment Requirements for PUAFIR323 Take local weather observations

Modification History

Release 1. This is the first release of this unit of competency in the PUA Public Safety Training Package.

Performance Evidence

Evidence required to demonstrate competence in this unit must be relevant to and satisfy all the requirements of the elements and performance criteria on at least one occasion and includes

- applying Work, Health and Safety (WHS)/Occupational Health and Safety (OHS) organisational requirements
- gathering reliable field based weather observations
- identifying weather trends
- making basic interpretations of current weather effects in localised areas for an emergency management incident
- observing and assessing influence of topography on local weather conditions
- observing and assessing local weather signs to identify likely changes
- observing topographical influences including altitude, slope and vegetation
- recording and reporting weather observations to relevant personnel
- recognising types of topographical influences including altitude, vegetation, slope and aspect
- taking representative weather observations in two different locations, weather observations using hand held weather instruments and basic visual weather observations
- taking weather observations including air temperature, cloud amount and type, relative humidity, wind direction, speed and gusts and time and location at which observations were made
- undertaking observations of weather signs

Knowledge Evidence

Evidence required to demonstrate competence in this unit must be relevant to and satisfy all the requirements of the elements and performance criteria and includes knowledge of

- Bureau of Meteorology information related to weather forecasts
- maritime influence on weather and climate
- meteorological terms
- organisational documentation, policies and procedures
- roles and responsibilities of personnel in the field
- safe work procedures
- types of topographical influences on weather

- types of weather signs types of weather observations including air temperature, atmospheric stability, cloud amount and type, dew point, inversions, precipitation, relative humidity, wind direction - speed and gusts, wind changes - cold fronts, sea and land breezes, and thunderstorms and time and location at which observations were made
- variety of weather instruments including hand held weather meter and sling or whirling psychrometer
- weather trends including anticipated changes, deteriorating conditions, improving conditions and no significant change
- Work, Health and Safety (WHS)/Occupational Health and Safety (OHS) organisational requirements including risk mitigation and safe work procedures

Assessment Conditions

As a minimum, assessors must satisfy applicable regulatory requirements, which include requirements in the Standards for Registered Training Organisations current at the time of assessment.

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Assessment processes and techniques must be appropriate to the language, literacy and numeracy requirements of the work being performed and the needs of the candidate.

Assessment must occur in workplace operational situations. Where this is not appropriate, assessment must occur in industry approved simulated workplace operational situations that reflect workplace conditions.

Resources for assessment must include access to

- a range of relevant exercises, case studies and/or simulations
- relevant and appropriate materials, equipment, tools and personal protective clothing and equipment currently used in industry including
 - weather instruments
- applicable documentation including organisational procedures, industry standards, equipment specifications, regulations, codes of practice and operation manuals.

Links

PUA Training Package Companion Volume Implementation Guide is found in VETNet - <https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=3eca5672-6d5a-410b-8942-810d0ba05bbf>