



Australian Government

Assessment Requirements for MSS025017

Assist with assessing site environmental indicators

Release: 1

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Modification History

Release 1. Updated unit code. Changes to elements and performance criteria. Range of conditions removed. Assessment requirements amended. Equivalent outcome.

Performance Evidence

There must be evidence the candidate has completed the tasks outlined in the elements and performance criteria of this unit, and:

- located and analysed environmental data, reports, indicators and limits and used scientific concepts and principles to provide a systematic, reliable appraisal of the environmental condition for at least 1 site or locality.

Knowledge Evidence

There must be evidence the candidate has knowledge of:

- scientific terminology relevant to job role, use of environmental indicators, assessment of environmental pollution and environmental degradation
- fundamental concepts and principles in chemistry, physics, geology and biology to support a scientific, systematic approach to the evaluation of environmental degradation
- fundamentals of environmental chemistry, including:
 - natural and modified hydrologic cycle
 - aquatic chemistry in natural and polluted waters
 - water pollutants, including heavy metals, inorganics, organics, nutrients and pesticides
- atmosphere and its composition, structure and circulation
- atmospheric stability and instability, including lapse rates and inversions
- atmospheric pollutants, including particulates, inorganic air pollutants and organic air pollutants
- concepts of climate change
- soil chemistry
- hazardous wastes and toxicological chemistry
- concepts of biodiversity stresses, including:
 - land clearing and loss of habitat
 - threatened and vulnerable species and ecological communities
 - introduced species
- specific legislation, strategies, policies and codes of practice related to environmental pollution and biodiversity
- hazards, health, safety and environment requirements for work role.

Assessment Conditions

Skills must have been demonstrated in the workplace or in a simulated environment that reflects workplace conditions and contingencies. The following conditions must be met for this unit:

- use of facilities, equipment and resources, including:
 - State of the Environment Reports, national environment protection measures, ANZECC Core Environmental Indicators documentation
 - environmental databases (electronic, web-based and hardcopy)
 - national and state/territory environmental management strategies, guidelines and regulations
 - documentation, including site information, environmental management plans, codes of practice and workplace procedures.

Assessors must satisfy the NVR/AQTF mandatory competency requirements for assessors.

Links

The MSS Sustainability Companion Volume implementation Guides are available from VETNet: -

<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=5b04f318-804f-4dc0-9463-c3fb9a3fe998>