



Australian Government

Assessment Requirements for MSS025030

Assist with assessing site environmental indicators

Release: 1

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Modification History

Release 1. Unit code changed. Application changed. Elements changed. Performance Criteria changed. Foundation Skills populated. Assessment Requirements changed. Supersedes and is equivalent to MSS025017 Assist with assessing site environmental indicators.

Performance Evidence

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

- determine environmental indicators and source relevant data for at least one site or locality
- interpret data to determine environmental health of at least one site or locality.

Knowledge Evidence

There must be evidence the candidate has knowledge of:

- scientific terminology relevant to job role, use of environmental indicators and 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, policies and codes of practice related to site or locality, environmental pollution and biodiversity
- common site hazards and control measures

- health, safety and environmental requirements, including field safety and survival principles.

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 suitable facilities, equipment and resources, including:
 - State of the Environment Reports, national environment protection measures, ANZECC Core Environmental Indicators documentation
 - environmental databases relevant to project
 - national and state/territory environmental management legislation, policies, and codes of practice
 - site reports and history
 - environmental management plan
- • modelling of industry operating conditions.

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

Links

Companion Volume Implementation Guides are found in VETNet -

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