



Australian Government

**Assessment Requirements for MSS014016
Evaluate sustainability impact from a work
area or process**

Release: 1

Assessment Requirements for MSS014016 Evaluate sustainability impact from a work area or process

Modification History

Release 1. Unit code changed. Unit title changed. Application changed. Elements changed. Performance Criteria changed. Foundation Skills populated. Assessment Requirements changed. Supersedes and is not equivalent to MSS014009 Evaluate sustainability impact of a work or process area.

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:

- evaluate at least 5 process steps within a work area or process to determine the sustainability impacts of each step
- develop recommendations to solve or mitigate at least 3 sustainability sensitivities and/or issues with probable high negative impact.

Knowledge Evidence

There must be evidence the candidate has knowledge of:

- sustainability process mapping
- process and changes which occur within the process
- direct and indirect environmental impacts of materials, resources and energy used and emitted (wasted)
- current and emerging approaches to quantifying and evaluating costs, benefits, impacts and risks in relation to sustainability including direct, indirect and intangible factors
- current and emerging approaches to sustainability and circularity in the industry
- types of incremental and radical change for sustainability relevant to the work area or process
- systems approach to identifying sustainability sensitivities and issues in all areas impacted by the work area or process
- root cause analysis and problem solving
- simple cost-benefit analysis techniques as applied to sustainability
- factors that may affect desirability ranking
- sustainability-related regulatory and reporting requirements relevant to the work area or process.

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
- 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>