



Australian Government

**Assessment Requirements for MSS014001
Improve sustainability through readily
implementable change**

Release: 1

Assessment Requirements for MSS014001 Improve sustainability through readily implementable change

Modification History

Release 1. Supersedes and is equivalent to MSS014001A Improve sustainability through readily implementable change.

Performance Evidence

Evidence required to demonstrate competence in this unit must be relevant to and satisfy the requirements of the elements and performance criteria and include the ability, for three or more changes, to:

- define a sustainability related need or problem within current operations
- identify muda (waste)
- identify readily implemented changes
- plan and implement readily implemented changes to achieve a sustainability related improvement.

Knowledge Evidence

Must provide evidence that demonstrates knowledge relevant to their job role sufficient to fulfil their job role independently, including:

- value chain concept and value chain participants to work area and the organisation more generally
- value chain items where changes can be made
- concept of muda (waste) used in lean
- brainstorming techniques
- benefit/cost analyses techniques
- methods of quantifying both required outcomes and muda into comparable units of measure
- project improvement planning/scheduling
- process monitoring and critical measures
- relevant standards and regulations.

Assessment Conditions

- The unit should be assessed holistically and the judgement of competence shall be based on a holistic assessment of the evidence.
- The collection of performance evidence is best done from a report and/or folio of evidence drawn from multiple smaller projects which together provide sufficient evidence of the requirements of all the elements and performance criteria.
- A third party report, or similar, may be needed to testify to the work done by the individual, particularly when the project has been done as part of a project team.
- Assessment should use real projects where opportunities for sustainability improvements are identified and their implementation occurs in an operational workplace.
- Knowledge evidence may be collected concurrently with performance evidence or through an independent process such as workbooks, written assessments or interviews (provided a record is kept).
- 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.
- Conditions for assessment must include access to all tools, equipment, materials and documentation required including relevant workplace procedures, product and manufacturing specifications associated with this unit.
- Foundation skills are integral to competent performance of the unit and should not be assessed separately.
- Assessors must satisfy the assessor competency requirements that are in place at the time of the assessment as set by the VET regulator.
- The assessor must demonstrate both technical competency and currency.
- Technical competence can be demonstrated through:
 - relevant VET or other qualification/Statement of Attainment AND/OR
 - relevant workplace experience
- Currency can be demonstrated through:
 - performing the competency being assessed as part of current employment OR
 - having consulted with an organisation providing relevant environmental monitoring, management or technology services about performing the competency being assessed within the last twelve months.

Links

MSA Training Package Implementation Guides - <http://mskills.org.au/training-packages/info/>