



Australian Government

**MSS014004 Develop team strategies for
more sustainable use of resources**

Release: 1

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Modification History

Not applicable.

Application

This unit of competency covers leading teams and developing strategies for more sustainable use of resources. The team may be in operations, an operational support function (e.g. maintenance, office or warehouse) or along the value chain (e.g. supplier of goods or services or a customer).

This unit applies inside organisations and their value chains. The unit has been developed with manufacturing operations as a focus. However, because of the range of organisations in a typical manufacturing value chain it may also be applied to other types of organisations.

This unit applies where a team leader needs to integrate a range of skills and knowledge covering process skills and knowledge and sustainability. The team leader must lead and assist team members to understand and apply a holistic view of their job and the team's role within the organisation and the objectives that the team must meet as part of the sustainability impacts made by the enterprise.

The unit scope includes products made or services offered, and use of sites by an organisation or manufacturing value chain member (e.g. supplier of goods or services or a customer).

Environmental sensitivities referred to in this unit are at the issue level. The technical measurement of operational performance or measurement of emissions or other environmental impact is not covered by this unit.

No licensing, legislative or certification requirements apply to this unit at the time of publication.

Pre-requisite Unit

Nil

Competency Field

Sustainable operations

Unit Sector

Not applicable

Elements and Performance Criteria

Elements describe the Performance criteria describe the performance needed to

essential outcomes.	demonstrate achievement of the element.
1 Facilitate the development of process and sustainability knowledge	<p>1.1 Identify sustainability goals of enterprise as they relate to work area.</p> <p>1.2 Ensure capability of the team.</p> <p>1.3 Develop mentoring processes for team members in process and sustainability related skills.</p> <p>1.4 Structure team activities to facilitate the ongoing development of team members.</p> <p>1.5 Arrange for the development of competency by team members as required.</p> <p>1.6 Encourage team members to apply technical knowledge to the process.</p>
2 Facilitate team improvements to sustainability	<p>2.1 Ensure sustainability requirements, operating procedures and other relevant documents are available to the team.</p> <p>2.2 Assist team members apply relevant information to the sustainability requirements of the team.</p> <p>2.3 Encourage team members to identify sub-optimal sustainability performance and make improvement suggestions.</p>
3 Resource a proactive approach to sustainability	<p>3.1 Develop communications between specialists outside the team and team members.</p> <p>3.2 Develop strategies to monitor and deal with key sustainability issues in work area.</p> <p>3.3 Arrange for resources for team members to identify and take action on sustainability issues.</p> <p>3.4 Arrange workforce development for team members, as required, in proactive sustainability techniques.</p>
4 Implement sustainability	<p>4.1 Plan the implementation of team suggested and externally directed sustainability improvements.</p>

- improvements for work area**
- 4.2 Facilitate team member commitment to and involvement in the implementation and monitoring of improvements.
 - 4.3 Encourage the application of the Plan, Do, Check, Act (PDCA) approach to the job.
 - 4.4 Arrange for workforce development as required to facilitate continued team involvement in sustainability improvement.

Foundation Skills

This section describes those required skills (language, literacy and numeracy) that are essential to performance.

Foundation skills essential to performance are explicit in the performance criteria of this unit of competency.

Range of Conditions

This field allows for different work environments and conditions that may affect performance. Essential operating conditions that may be present (depending on the work situation, needs of the candidate, accessibility of the item, and local industry and regional contexts) are included.

- Capability of the team includes one or more of**
- necessary technical knowledge and information about relevant processes and support functions
 - sustainability related goals
 - sustainability knowledge and skills.

- Mentoring processes include one or more of**
- mentoring applied by the team leader directly to team members
 - mentoring arranged by the team leader to occur through other internal specialist employees
 - buddy systems within the team where more experienced team members mentor newer team members
 - external mentors and coaches.

- Interactions with the environment include one or more of**
- drawing physical resources from the environment
 - releasing materials to the environment (e.g. emissions)
 - drawing energy from/releasing energy to the environment.

- Environmental**
- fragile areas and rare or threatened species

- sensitivities include one or more of**
- heritage or cultural sensitivity issues
 - hazardous emissions
 - real or perceived over use of scarce resources
 - noise
 - regulated emissions or other regulatory issues
 - community perceptions or other issues.
- Sustainability improvements include reduction in use of one or more of**
- energy
 - water
 - raw materials
 - emissions
 - embedded carbon in transport, storage, rework and errors, inefficient processes and design.
- Sustainability related issues include one or more of**
- current and future availability of raw materials
 - current and future availability of energy
 - extent and type of waste generation and disposal
 - efficiency of process in terms of consumption of materials and energy regarded as in short supply or which are regarded as environmentally sensitive
 - the extent to which the production process, product and waste affects the environment
 - relationship with the local and broader community (e.g. effect of operations on aesthetic appearance, preservation of heritage, and proximity to schools and religious facilities)
 - extent of regulatory oversight and extent and cost of compliance
 - AS/NZS ISO 14001 Environmental Management Standards (or its authorised replacement or other relevant standard).
- Procedures (written, verbal, visual, computer based, etc.) include one or any combination of**
- work instructions
 - standard operating procedures
 - safe work method statements
 - formulas/recipes
 - batch sheets
 - temporary instructions
 - any similar instructions provided for the smooth running of the plant.
- Team includes one or more of**
- formally designated work teams from all sections of the organisation, including production, maintenance, technical, administration/finance, sales and marketing

- ad hoc, temporary or permanent teams/groups who are or should be working as a team.

Unit Mapping Information

Release 1. Supersedes and is equivalent to MSS014004A Develop team strategies for more sustainable use of resources.

Links

Companion Volume implementation guides are found in VETNet -

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