



Australian Government

**Assessment Requirements for MSS405088
Plan, implement and monitor energy
management**

Release: 1

Assessment Requirements for MSS405088 Plan, implement and monitor energy management

Modification History

Release 1. Supersedes but is not equivalent to MSS405086 - Develop sustainable energy practices.

Performance Evidence

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

- planned, implemented and monitored energy management strategies for 1 organisation, area of operation or process that include consideration of:
 - alternative sources
 - efficiency and reduction of carbon emissions
 - waste management.

Knowledge Evidence

There must be evidence the candidate has knowledge of:

- types and sources of internal and external information for energy management planning:
 - current and potential energy sources
 - production data
 - current usage levels
 - process needs
 - regulatory environment
 - business goals
- methods for identifying improvement opportunities
- key stakeholders and engagement strategies
- potential objectives for energy management
- how to develop energy management performance indicators
- how to align energy management objectives with broader organisation priorities
- links between energy and other aspects of sustainability
- methods of analysing energy efficiency for different types of energy
- ways of categorising energy use
- key principles and features of different energy management strategies
 - alternative sources
 - conservation
 - efficiency and reduction of carbon emissions
 - trading schemes

- waste management – necessary and unnecessary *muda*
- types of potential improvements, including those related to:
 - capital purchases
 - equipment adaptation
 - production/process
 - maintenance
 - transport
- key aspects of the energy management planning, implementation, monitoring and reporting framework, including requirements of ISO 50001 Energy Management Systems
- concept of permanent monitoring versus temporary monitoring.

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:
- information about organisation operations, including financial data
- current and relevant information technology.

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

Links

MSS Sustainability Companion Volume Implementation Guides are found in VETNet - <https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=5b04f318-804f-4dc0-9463-c3fb9a3fe998>