



Australian Government

PMASUP520 Review procedures to minimise environmental impact of process

Release: 1

PMASUP520 Review procedures to minimise environmental impact of process

Modification History

Release 1. Supersedes and is equivalent to PMASUP520B Review procedures to minimise environmental impact of process

Application

This unit of competency covers the skills and knowledge required to establish and review procedures to minimise the environmental impact of a process and/or plant using a proactive environmental management approach. Proactive environmental management goes beyond complying with environmental requirements and integrates environmental goals with core business objectives.

This unit of competency applies to senior technicians, paraprofessionals or those in similar roles who are required to apply in-depth knowledge of process and plant in order to develop, implement and review procedures that will conserve resources and minimise pollution and waste, and ensure that the procedures are supported by appropriate training and record keeping.

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

Pre-requisite Unit

Nil

Competency Field

Support

Unit Sector

Elements and Performance Criteria

Elements describe the essential outcomes.

Performance criteria describe the performance needed to demonstrate achievement of the element.

- | | | |
|--|-----|--|
| 1 Develop procedures for environmental management | 1.1 | Develop workplace procedures of proactive environmental management which include resource conservation, pollution and waste minimisation |
| | 1.2 | Determine primary source of respective aspects |

- | | | | |
|---|--|-----|---|
| | | 1.3 | Determine the negative impact of these aspects on the environment and the society if they are mismanaged |
| | | 1.4 | Prioritise management options according to the greatest benefit to environment and the society |
| | | 1.5 | Develop management procedures |
| | | 1.6 | Complete required documentation to implement change |
| 2 | Review procedures for environmental management | 2.1 | Review the procedures on a regular basis by consulting relevant work groups for feedback |
| | | 2.2 | Incorporate relevant feedback into the revised procedures in consultation with the relevant personnel |
| | | 2.3 | Inform relevant work groups of any changes and implement changes in the procedures |
| 3 | Implement and review an environmental management training program | 3.1 | Identify the workplace environmental management training program |
| | | 3.2 | Review the program on a regular basis by consulting relevant work groups for feedback |
| | | 3.3 | Incorporate relevant feedback into the revised program in consultation with the relevant personnel |
| | | 3.4 | Inform relevant work groups of any changes and implement changes in the training program |
| 4 | Implement and review environmental management recording system | 4.1 | Identify the workplace environmental management recording system |
| | | 4.2 | Review the system on a regular basis by consulting relevant work groups for feedback |
| | | 4.3 | Incorporate relevant feedback into the revised system in consultation with the relevant personnel |
| | | 4.4 | Inform relevant work groups of any changes and implement changes in the management of environmental records |

Foundation Skills

This section describes those language, literacy, numeracy and employment skills 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.

Regulatory framework

The latest version of all legislation, regulations, industry codes of practice and Australian/international standards, or the version specified by the local regulatory authority, must be used, and include one or more of the following:

- legislative requirements, including work health and safety (WHS)
- industry codes of practice and guidelines
- environmental regulations and guidelines
- Australian and other standards
- licence and certification requirements

All operations to which this unit applies are subject to stringent health, safety and environment (HSE) requirements, which may be imposed through state/territory or federal legislation, and these must not be compromised at any time. Where there is an apparent conflict between performance criteria and HSE requirements, the HSE requirements take precedence.

Procedures

All operations must be performed in accordance with relevant procedures.

Procedures are written, verbal, visual, computer-based or in some other form, include one or more of the following:

- emergency procedures
- work instructions
- standard operating procedures (SOPs)
- safe work method statements (SWMS)
- formulas/recipes
- batch sheets
- temporary instructions

- any similar instructions provided for the smooth running of the plant

Stakeholders Stakeholders include one or more of the following:

- organisation management and operational staff
- suppliers
- contractors
- others acting on the organisation's behalf
- customers

Sources of information Sources of information include one or more of the following:

- organisation goals, commitments and procedures (e.g. business/strategic plans, voluntary environmental agreements entered into with external organisations/authorities, and organisation policies and procedures)
- regulatory framework
- consultation with internal stakeholders
- own knowledge and experience of plant/process
- technical/operational documentation
- schematic (e.g. piping and instrumentation diagrams (P&IDs and process flow diagrams (PFDs))

Unit Mapping Information

Release 1. Supersedes and is equivalent to PMASUP520B Review procedures to minimise environmental impact of process

Links

Companion Volume implementation guides are found in VETNet -

<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=9fc2cf53-e570-4e9f-ad6a-b228ffdb6875>