



Australian Government

MSMSUP300 Identify and apply process improvements

Release: 2

MSMSUP300 Identify and apply process improvements

Modification History

Release 2. Equivalent. Minor edits for improved clarity. Range of conditions removed. Duplication between Performance Evidence and Performance Criteria removed. Assessment conditions updated.

Release 1. Supersedes and is equivalent to MSAPMSUP300A Identify and implement opportunities to maximise production efficiencies.

Application

This unit covers the skills and knowledge required to identify, monitor and participate in strategies to improve production efficiencies.

This unit applies to all work environments and all operators across all functions, including experienced team leaders or supervisors, who are required to provide input into process improvement initiatives for a team or work area.

This unit applies to a wide range of processes and equipment. In large plants with multiple processes, it may apply to more than one process if those processes interact with each other.

No licensing or certification requirements exist at the time of publication. Relevant legislation, industry standards and codes of practice within Australia must also be applied.

Pre-requisite Unit

Nil

Unit Sector

Support

Elements and Performance Criteria

Elements	Performance Criteria
<i>Elements describe the essential outcomes.</i>	<i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>
1. Determine issues that affect process efficiency	1.1 Investigate issues affecting output and quality 1.2 Determine potential and/or actual sources of wastage 1.3 Identify or develop appropriate performance measurement indicators 1.4 Identify hazards and required controls associated with the process
2. Monitor and measure	2.1 Monitor performance of process or equipment or raw material usage

Elements	Performance Criteria
<i>Elements describe the essential outcomes.</i>	<i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>
process efficiency	2.2 Identify variations and divergence from trends 2.3 Identify factors inhibiting process efficiency
3. Participate in developing strategies for improving process efficiencies	3.1 Analyse problems and areas for improvement in process efficiencies 3.2 Utilise appropriate problem-solving tools and techniques for identifying areas for improvement 3.3 Identify and take into account external factors 3.4 Identify required changes to process, standards and procedures 3.5 Recommend strategies for improvement to relevant personnel
4. Participate in applying process improvement strategies	4.1 Implement strategies to improve process efficiency 4.2 Monitor performance of changes 4.3 Evaluate results of changes 4.4 Report results to relevant personnel

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.

Unit Mapping Information

Release 2. Supersedes and is equivalent to MSAPMSUP300A Identify and implement opportunities to maximise production efficiencies.

Links

Companion Volume implementation guides are found in VETNet -

<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=d1287d36-dff4-4e9f-ad2c-9d6270054027>

Assessment Requirements for MSMSUP300 Identify and apply process improvements

Modification History

Release 2. Equivalent. Minor edits for improved clarity. Range of conditions removed. Duplication between Performance Evidence and Performance Criteria removed. Assessment conditions updated.

Release 1. Supersedes and is equivalent to MSAPMSUP300A Identify and implement opportunities to maximise production efficiencies.

Performance Evidence

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

- identified process efficiency issues, recommended improvements and contributed to the development, implementation and review of improvement strategies
-

Knowledge Evidence

There must be evidence the candidate has knowledge of:

- duty of care
- organisation procedures
- information systems and data collation
- process inefficiencies
- measures of process efficiency
- problems and hazards that may arise in the work role and work environment, including:
 - their possible causes
 - potential consequences
 - appropriate risk controls
- relevant equipment and operational processes.
-

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:
 - workplace documentation, forms and production reports

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=d1287d36-dff4-4e9f-ad2c-9d6270054027>