



Australian Government

MSMSUP230 Monitor process operations

Release: 1

MSMSUP230 Monitor process operations

Modification History

Release 1. Supersedes and is equivalent to MSAPMSUP230A Monitor process operations

Application

This unit of competency covers the skills and knowledge required to monitor production processing equipment and take appropriate action.

This unit of competency applies to operators who are required to identify the job requirements, monitor production processing equipment, monitor the job to maintain safety and quality, and identify and take action on problems.

This unit of competency applies to an individual working alone or as part of a team or group and working in liaison with other shift team members and the control room operator, as appropriate.

This competency applies to the monitoring of various forms of production equipment in all work environments and sectors within the process manufacturing industry. It includes the monitoring of all ancillary tools and equipment.

Where operation of the equipment is required, the appropriate operational unit from MSM, PMA, PMB or PMC should be used.

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

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|---|---|-----|---|
| 1 | Identify scope of work in accordance with | 1.1 | Identify own work requirements |
| | | 1.2 | Check procedures to identify operating parameters and |

procedures		approved adjustments	
		1.3	Establish actions to be used in the event of faulty production
		1.4	Identify procedures for obtaining materials for the process
		1.5	Identify hazards and environmental issues relevant to own job
2	Get ready for work/job	2.1	Assemble ancillary tools and equipment
		2.2	Identify inspection procedures
		2.3	Identify any finishing activities
		2.4	Identify and implement hazard controls
		2.5	Establish the location and function of equipment emergency stops and ensure guards are in place
		2.6	Identify and note requirements for checking materials inputs and outputs; ancillary supplies and equipment; and product quality requirements for the relevant process stage
3	Maintain operations in accordance with procedures	3.1	Check process operations, noting product quality, production outputs and waste
		3.2	Check product for conformity to specification, make adjustments to the equipment, where appropriate, and store product
		3.3	Collect material which is able to be reprocessed and reused, and deal with waste and scrap
		3.4	Use the quality control system
		3.5	Clean up equipment and work area and manage waste.
4	Identify product quality	4.1	Monitor process and note conditions which may affect product quality standards

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| requirements | 4.2 | Report process variations within workplace procedures |
| | 4.3 | Note and implement authorised changes in procedures and specifications |

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.

Tools and equipment

Tools and equipment include one or more of the following:

- hand carts and trolleys
- knives and other bag opening equipment
- hoists/lifting equipment not requiring any special permits or licences
- basic hand tools required for opening of material packaging
- relevant personal protective equipment (PPE)

Hazards

Hazards include one or more of the following:

- automated or rotating equipment
- manual handling hazards
- knife hazards
- equipment failures
- industrial (machinery, equipment and product)
- noise, rotational equipment or vibration
- hazardous products and materials
- unauthorised personnel
- sharp edges, protrusions or obstructions
- slippery surfaces, spills or leaks
- other hazards that might arise

Routine problems Routine problems must be resolved by applying known solutions.

Routine problems are predictable and include one or more of the following:

- process problems, such as:
 - equipment malfunctions
 - product jamming or sticking
 - power failures
 - air, oil or lubricant difficulties
- product problems, such as:
 - variations in materials
 - contamination of materials
 - malformed or incomplete products

Known solutions are drawn from one or more of the following:

- procedures
- training
- remembered experience

Non-routine problems must be reported according to according to relevant procedures.

Unit Mapping Information

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Links

Companion Volume implementation guides are found in VETNet -

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