MSMOPS101 Make measurements

Release: 2

MSMOPS101 Make measurements

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 MSAPMOPS101A Make measurements

Application

This unit describes the skills and knowledge required to use physical and/or chemical measuring equipment to make or take routine measurements and keep records related to the measurements.

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

This unit applies to all routine measurements within manufacturing and similar environments.

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

Operations

Elements and Performance Criteria

Elements	Performance Criteria
Elements describe the essential *outcomes.*	*Performance criteria describe the performance needed to demonstrate achievement of the element.*
1. Identify appropriate measurements	1.1 Select appropriate measuring equipment 1.2 Identify units of measurement to be used and the detail required 1.3 Check measuring equipment is in calibration
2. Perform and record measurements	2.1 Identify and take account of relevant external factors 2.2 Perform measurements using appropriate techniques 2.3 Compare measurements against the range of expected results

Elements	Performance Criteria
Elements describe the essential *outcomes.*	*Performance criteria describe the performance needed to demonstrate achievement of the element.*
	2.4 Self-check numerical information for accuracy and correctness
	2.5 Record the result accurately in the appropriate format and level of detail
3. Respond to routine problems in accordance with procedures	3.1 Identify known problems that occur during the measurement
	3.2 Identify and act on causes of routine problems
	3.3 Log problems
	3.4 Identify non-routine problems and report to appropriate 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 MSAPMOPS101A Make measurements.

Links

Companion Volume implementation guides are found in VETNet - https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=d1287d36-dff4-4e9f-ad2c-9d6270054027