



Australian Government

MEM14002 Undertake basic process planning

Release: 1

MEM14002 Undertake basic process planning

Modification History

Release 1. Supersedes and is equivalent to MEM14002B Undertake basic process planning

Application

This unit of competency defines the skills and knowledge required to review process specifications and determine the production sequence and applies to one of a range of processes in manufacturing: machining, pressing, assembly and to a stage of the overall production process.

It does not apply to interfacing between processes.

Where planning is based on engineering drawings and supporting engineering data, appropriate units of competence should also be selected.

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

Band: B

Unit Weight: 8

Pre-requisite Unit

MEM13015	Work safely and effectively in manufacturing and engineering
MEM16006	Organise and communicate information

Competency Field

Planning

Elements and Performance Criteria

Elements describe the essential outcomes.		Performance criteria describe the performance needed to demonstrate achievement of the element.	
1	Determine job requirements	1.1	Follow standard operating procedures (SOPs)
		1.2	Comply with work health and safety (WHS) requirements at all times
		1.3	Examine supporting engineering and production data, as

Elements describe the essential outcomes.

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

1.4 Determine the production processes to be used

1.5 Obtain and examine specifications

2 **Determine production sequence**

2.1 Identify steps required for the process and produce flow charts in accordance with SOPs, as required

2.2 Prepare material and parts lists

2.3 Document tooling and/or equipment requirements

2.4 Identify quality assurance steps and specifications and incorporate into process steps

2.5 Document process steps and clearly represent

Foundation Skills

This section describes those required skills (reading, writing, oral communication and numeracy) that are essential to workplace performance in this unit of competency.

Foundation skills essential to performance are explicit in the performance criteria of this unit of competency.

Range of Conditions

No range of conditions provided for this unit.

Unit Mapping Information

Release 1. Supersedes and is equivalent to MEM14002B Undertake basic process planning

Links

Companion Volume implementation guides are found in VETNet -

<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=b7050d37-5fd0-4740-8f7d-3b7a49c10bb2>