



Australian Government

Assessment Requirements for MSS404055 Use DMAIC techniques

Release: 1

Assessment Requirements for MSS404055 Use DMAIC techniques

Modification History

Release 1. Unit code changed. Application changed. Elements changed. Performance Criteria changed. Foundation Skills populated. Range of Conditions removed. Assessment Requirements changed. Supersedes and is equivalent to MSS404053 Use DMAIC techniques.

Performance Evidence

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

- apply DMAIC process to identify, implement and review at least one improvement.

Knowledge Evidence

There must be evidence the candidate has knowledge of:

- methods of identifying customer needs and customer benefits
- methods of identifying areas requiring improvement
- analysis methods used in DMAIC including at least two of:
 - statistical analysis
 - root cause analysis
 - other structured problem solving and/or analysis tool
- application of DMAIC process steps
- key measures and sources of data and relevant to the improvement project
- methods of confirming benefits and improvements.

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
- modelling of industry operating conditions, including:
 - data relevant to the improvement project.

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=5b04f318-804f-4dc0-9463-c3fb9a3fe998>

