



Australian Government

Assessment Requirements for MSS404080 Undertake process capability improvements

Release: 1

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Modification History

Release 1. Unit code changed. Application changed. Foundation Skills populated. Assessment Requirements changed. Supersedes and is equivalent to MSS404084 Undertake process capability improvements.

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:

- interpret process capability data to identify assignable causes of variation and identify at least one process capability improvement
- liaise with stakeholders to gain authorisations and support the implementation of the improvement
- plan, implement and review the improvement.

Knowledge Evidence

There must be evidence the candidate has knowledge of:

- data collection and manipulation techniques
- variability, normal distribution and three and six sigma limits
- type of variations:
 - random variation (no assignable cause)
 - non-random variation (which has an assignable cause).
- methods of identifying causes of non-random variation in the process
- approaches to reducing variability
- process capability improvement proposals and authorisations.

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:
 - process capability determined via use of six sigma or three sigma processes.

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>