



Australian Government

Assessment Requirements for MSS405054 Determine and improve process capability

Release: 1

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Modification History

Release 1. Unit code changed. Application changed. Performance criteria changed. Range of conditions removed. Assessment requirements changed. Supersedes and is equivalent to MSS405050 Determine and improve process capability.

Performance Evidence

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

- determined and improved the capability of at least 1 process.

Knowledge Evidence

There must be evidence the candidate has knowledge of:

- statistical methods of processing and describing data
- data collection methods
- data processing techniques required to establish variability and normal distribution
- how to calculate three sigma or six sigma process capability
- random and non-random results and processes for recognition of assignable causes
- causes of different types of non-random results
- causes of random variation
- process to translate the data into variations in the process and determine methods of controlling them.

Assessment Conditions

Skills must have been demonstrated in the workplace or in a simulated environment that reflects workplace conditions, contingencies, facilities, equipment and resources.

Assessors must satisfy the NVR/AQTF mandatory competency requirements for assessors.

Links

The MSS Sustainability Companion Volume Implementation Guides are available from VETNet: -

<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=5b04f318-804f-4dc0-9463-c3fb9a3fe998>