



**Australian Government**

**Assessment Requirements for MSS405056  
Use three or six sigma processes to  
determine and improve process capability**

**Release: 1**

# **Assessment Requirements for MSS405056 Use three or six sigma processes to determine and improve process capability**

## **Modification History**

Release 1. Unit code changed. Unit title changed. Application changed. Performance criteria changed. Foundation Skills populated. Assessment requirements changed. Supersedes and is equivalent to MSS405054 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 demonstrated the ability to:

- determine and improve the capability of at least one process using either Six Sigma or Three Sigma.

## **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 and contingencies. The following conditions must be met for this unit:

- use of suitable facilities, equipment and resources, including:
  - access to process data
- modelling of industry operating conditions.

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

## **Links**

Companion Volume Implementation Guides are available from VETNet - -

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