



Australian Government

Assessment Requirements for ICPSUP684 Determine and improve process capability

Release: 1

Assessment Requirements for ICPSUP684 Determine and improve process capability

Modification History

Release	Comments
Release 1	This version first released with ICP Printing and Graphic Arts Training Package Version 1.0.

Performance Evidence

Evidence of the ability to:

- implement and review either ONE complex process capability system or SEVERAL smaller systems and make process improvements using process capability as a tool for monitoring and improvement or a suitable project
- provide a portfolio of evidence to show that the implementation and review has included process capability studies, the improvement to process capability, and how the improvements were implemented.

Note: If a specific volume or frequency is not stated, then evidence must be provided at least once.

Knowledge Evidence

To complete the unit requirements safely and effectively, the individual must:

- outline data collection and processing methods and techniques
- describe concepts of variability and normal distribution
- describe three sigma or six sigma processes
- explain how to recognise assignable causes (random and non-random results)
- outline causes of random variation
- identify causes of different types of non-random results
- understand process capability sufficiently to translate data into variations in the process and determine methods of controlling them.

Assessment Conditions

Gather evidence to demonstrate consistent performance in conditions that are safe and replicate the workplace. Noise levels, production flow, interruptions and time variances must be typical of those experienced in the Support field of work and include access to an organisation using process capability.

Assessors must satisfy NVR/AQTF assessor requirements.

Links

Companion Volume implementation guides are found in VETNet -

<https://vetnet.education.gov.au/Pages/TrainingDocs.aspx?q=a74b7a0f-a253-47e3-8be0-5d426e24131d>