



**Australian Government**

# **Assessment Requirements for AMPX405 Conduct statistical analysis of process**

**Release: 1**

# Assessment Requirements for AMPX405 Conduct statistical analysis of process

## Modification History

Release	TP Version	Comment
1	AMPv1.0	Initial release

## Performance Evidence

The candidate must collect and analyse statistical information relating to meat processing. The candidate must complete analysis and report on at least three data runs to achieve competency.

The candidate must:

- apply statistical information to the analysis and verification of a process
- calculate simple statistical measures
- cooperate with monitors to ensure accuracy and timeliness of data
- use a range of information and communications technology and software, including statistics management and analysis programs
- conduct trend analysis of meat processing data
- explain the verification process using statistical data
- identify and apply relevant workplace health and safety, regulatory and workplace requirements
- perform basic statistical calculations on data from samples drawn from the workplace
- prepare control graphs and use charts as relevant
- prepare reports on the outcomes of the statistical analysis of monitoring data
- use and explain simple statistical measures, including mean, range, frequency, mode and median
- use relevant communication skills

## Knowledge Evidence

The candidate must demonstrate a broad factual, technical and theoretical knowledge of:

- statistical measures, including mean, range, frequency, mode and median
- available software systems to assist with analysis and report preparation

## Assessment Conditions

As a minimum, the following three forms of assessment must be used:

- quiz of underpinning knowledge
- workplace demonstration
- workplace referee or third-party report of performance over time

All evidence must be collected in the context of current Australian meat industry standards and regulations.

Assessors must satisfy current standards for RTOs.

## **Links**

Companion Volume implementation guides are found in VETNet -

<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=5e2e56b7-698f-4822-84bb-25adbb8443a7>