



**Australian Government**

# **AMPX405 Conduct statistical analysis of process**

**Release: 1**

## AMPX405 Conduct statistical analysis of process

### Modification History

Release	TP Version	Comment
1	AMPv1.0	Initial release

### Application

This unit describes the skills and knowledge required to collect and analyse statistical information relating to meat processing.

This unit is applicable to managers and Quality Assurance (QA) personnel who are required to analyse monitoring and verification data of a meat production process.

All work is carried out to comply with workplace and regulatory requirements.

This unit applies to individuals who take responsibility for their own work and for the quality of others' work within known parameters. They provide and communicate solutions to a range of predictable and sometimes unpredictable solutions.

This unit must be delivered and assessed in the context of Australian meat industry standards and regulations.

No occupational licensing, legislative or certification requirements are known to apply to this unit at the time of publication.

### Pre-requisite Unit

Nil.

### Unit Sector

### Elements and Performance Criteria

Element	Performance criteria
Elements describe the essential outcomes.	Performance criteria describe the performance needed to demonstrate achievement of the element.
1. Collect and analyse statistical data drawn from the workplace	1.1 Select samples from a process line 1.2 Conduct statistical calculations on samples
2. Use statistical analysis	2.1 Prepare relevant graphs and charts

Element	Performance criteria
to verify the process	2.2 Use a range of information and communications technology and software, including statistics management and analysis programs 2.3 Identify and analyse trends and cyclic patterns of control graphs 2.4 Prepare and present reports on the outcomes of the statistical analysis of monitoring data

## Foundation Skills

Foundation Skills essential to performance are explicit in the performance criteria of this unit of competency.

## Range of Conditions

## Unit Mapping Information

MTMPS416A Conduct statistical analysis of process	E
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## Links

Companion Volume implementation guides are found in VETNet -

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