



**Australian Government**

# **AHCWRK505 Manage trial and research material**

**Release: 1**

## AHCWRK505 Manage trial and research material

### Modification History

Release	TP Version	Comment
1	AHCv1.0	Initial release

### Application

This unit of competency describes the skills and knowledge required to manage a trial and research material as part of a designated research project.

This unit applies to individuals who take personal responsibility and exercise autonomy in undertaking complex work. They demonstrate deep knowledge in a specific technical area and analyse, design and communicate solutions to sometimes complex problems.

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

Work (WRK)

### 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. Identify scope and extent of work	1.1 Identify trial and research hypothesis and parameters as required by researchers 1.2 Plan the trial or research to meet research objectives 1.3 Assess the data relevant to managing trial or research materials according to research parameters 1.4 Assess data relevant to managing trial or research materials 1.5 Identify work health and safety, assess risks and develop controls and cost and document in the survey design 1.6 Identify and cost tools, equipment and machinery required for

Element	Performance criteria
	managing trial or research materials and confirm availability with suppliers, contractors and appropriate personnel 1.7 Determine research design according to the trial or research plan
2. Oversee management of trial/research materials	2.1 Prepare, maintain and monitor trial or research in line with project parameters 2.2 Conduct field work to verify and collect data as required by the trial or research design and research parameters 2.3 Monitor work activities for accuracy, validity and compliance to the parameters of the trial or research design 2.4 Undertake staged data collection as required by the trial or research design, scheduling and access requirements 2.5 Record monitoring and data
3. Prepare reports on work complete	3.1 Record collected data 3.2 Analyse data statistically to determine significance of research results 3.3 Accept or reject hypothesis based on data collected 3.4 Produce reports which conform to the structure and content required by the researcher

## Foundation Skills

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

## Range of Conditions

## Unit Mapping Information

This unit is equivalent to AHCWRK505A Manage trial and/or research material.

## Links

Companion Volume implementation guides are found in VETNet -

<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=c6399549-9c62-4a5e-bf1a-524b2322cf72>