



Australian Government

PSPSCI005 Provide scientific technical support

Release: 1

PSPSCI005 Provide scientific technical support

Modification History

Release	Comments
1	This unit was released in PSP Public Sector Training Package release 1.0 and meets the Standards for Training Packages. This unit supersedes and is equivalent to PSPSCI401A Provide scientific technical support. • Unit code updated • Content and formatting updated to comply with new standards • All PC transitioned from passive to active voice

Application

This unit describes the skills required to provide technical support in a scientific and/or research environment. It includes planning and organising technical duties, collecting and recording information, and compiling and reporting data.

This unit applies to those working in technical support in a scientific and research environment.

The skills and knowledge described in this unit must be applied within the legislative, regulatory and policy environment in which they are carried out. Organisational policies and procedures must be consulted and adhered to.

Those undertaking this unit would work under supervision, while performing routine tasks in a range of familiar contexts.

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

Competency Field

Government Science and Technology

Elements and Performance Criteria

ELEMENTS	PERFORMANCE CRITERIA
Elements describe the essential	Performance criteria describe the performance needed to demonstrate achievement of the element. Where bold italicised text is used,

outcomes	further information is detailed in the range of conditions section.
1. Plan and organise technical duties	1.1 Confirm outputs for defined area of responsibility and identify technical duties and responsibilities. 1.2 Determine processes, resources, timelines and equipment requirements. 1.3 Determine risk management practices, work health and safety, environmental and other legislative requirements. 1.4 Obtain and prepare resources and equipment.
2. Collect and record information	2.1 Carry out technical duties under general direction. 2.2 Collect and record information in accordance with planned processes and timelines. 2.3 Use and maintain resources and equipment. 2.4 Follow risk management practices, work health and safety, environmental and other legislative requirements.
3. Compile and report data	3.1 Compile data and maintain records. 3.2 Manipulate data and deal with irregularities in accordance with task requirements. 3.3 Prepare reports in accordance with task requirements.

Foundation Skills

Foundation skills are embedded within the elements and performance criteria of this unit.

Unit Mapping Information

This unit supersedes and is equivalent to PSPSCI401A Provide scientific technical support.

Links

Companion Volume implementation guides are found in VETNet -

<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=bebbece7-ff48-4d2c-8876-405679019623>

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Assessment Requirements for PSPSCI005 Provide scientific technical support

Modification History

Release	Comments
1	These Assessment Requirements were released in PSP Public Sector Training Package release 1.0 and meet the Standards for Training Packages. Assessment Requirements created drawing upon specified assessment information from superseded unit

Performance Evidence

Evidence required to demonstrate competence must satisfy all of the requirements of the elements and performance criteria. If not otherwise specified the candidate must demonstrate evidence of performance of the following on at least one occasion.

- analysing mathematical data
- observing and reporting
- using communication styles to suit different audiences and purposes
- reading formal documents and applying them in the workplace
- writing technical reports requiring precision of expression
- operating machinery and experimental equipment
- applying work health and safety and environmental requirements related to working in a scientific and/or technological research environment

Knowledge Evidence

Evidence required to demonstrate competence must satisfy all of the requirements of the elements and performance criteria. If not otherwise specified the depth of knowledge demonstrated must be appropriate to the job context of the candidate.

- experimental procedures and scientific methods
- analytical techniques
- simple statistical analysis
- the scientific/technological area
- work health and safety, environmental protections, public sector legislation, public sector standards and organisational code of practice as they relate to work in a scientific research and/or technical environment
- standard operating procedures and/or work instructions
- technical support work relevant to specialist area

Assessment Conditions

This unit contains no specific industry-mandated assessment conditions. Guidance on suggested and recommended conditions and methods can be found in the Implementation Guide.

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

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