



Australian Government

PSPSCI011 Manage the provision of high-level scientific technical support

Release: 1

PSPSCI011 Manage the provision of high-level 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 PSPSCI601A Manage the provision of high-level 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 high-level technical support within a broad area of expertise at an experienced, self-directed level with responsibility for experimental, survey, sampling and/or analytical functions. It includes determining and managing high-level technical duties, managing the collection and recording of information, and analysing and reporting data.

This unit applies to those working in high-level technical support in a broad technical area.

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 autonomously with supervisory responsibilities, while performing sophisticated 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 outcomes	Performance criteria describe the performance needed to demonstrate achievement of the element. Where bold italicised text is used, further information is detailed in the range of conditions section.
1. Determine and manage high-level technical duties	1.1 Determine outputs and responsibilities within a broad area of technical expertise and technical duties. 1.2 Determine processes, resources, timelines and equipment requirements. 1.3 Determine risk management strategies, work health and safety, environmental and other legislative requirements and explain to other staff as necessary. 1.4 Manage the organisation and preparation of resources and equipment.
2. Manage the collection and recording of information	2.1 Provide technical leadership and influence individuals to meet required outputs. 2.2 Manage the collection and recording of information in accordance with identified processes and timelines. 2.3 Monitor information and deal with contingencies. 2.4 Manage the use and maintenance of resources and equipment. 2.5 Enforce risk management strategies, work health and safety, environmental and other legislative requirements.
3. Analyse and report data	3.1 Monitor data input and records maintenance. 3.2 Analyse data and deal with irregularities in accordance with task requirements. 3.3 Prepare and present technical reports and high-level correspondence 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 PSPSCI601A Manage the provision of high-level 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 PSPSCI011 Manage the provision of high-level 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.

- using communication styles to suit different audiences and purposes
- reading formal documents including legislation and instructions and applying them in the workplace
- analysing mathematical data and problem solving
- writing technical reports and ministerial correspondence requiring precision of expression
- operating machinery and experimental equipment

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
- statistical analysis
- the scientific area
- work health and safety, environmental protection and other public sector legislation, public sector standards and organisational code of practice as they relate to work in a scientific research/technical environment
- standard operating procedures and/or work instructions
- leadership of others in a scientific and/or technical environment
- 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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