DEFEXO153 Acquire data related to environment

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Modification History

Release 2. Modifications made to Foundation Skills and Assessment Conditions.

Release 1. This unit was released in DEF Defence Training Package release 1.0 and meets the Standards for Training Packages.

This unit supersedes and is equivalent to DEFEO812A Acquire data related to environment.

- Unit code updated
- Content and formatting updated to comply with the new standards
- All PC transitioned from passive to active voice
- PC 1.5 and 2.6 removed
- PC 3.2 and 3.3 merged
- Element 1 two new PC

Application

This unit describes the skills required to acquire data related to the environment in a proof and experimental environment. Explosive ordnance proof tests are conducted to ensure weapons systems or explosive ordnance, in service with Defence, meet the required standards. The acquisition of data related to the environment is a common component of proof tests.

This unit was developed for personnel involved in a physical science or engineering environment where products undergo testing to establish that they meet established standards and/or specifications related to environment, but is applicable to any individual in this field of work.

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 must demonstrate the ability to work independently and as part of a team, under direct and/or indirect supervision, use discretion and judgement, and take responsibility for the quality of their output. They would perform complex tasks in a range of known contexts.

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

Pre-requisite Unit

Not applicable.

Competency Field

Explosive Ordnance

Unit Sector

Not applicable.

Elements and Performance Criteria

ELEMENTS	PERFORMANCE CRITERIA
Elements describe the essential outcomes.	Performance criteria describe the performance needed to demonstrate achievement of the element.
1 Prepare for data collection	**1.1** Obtain and confirm test plan
	1.2 Brief stakeholders and test participants in accordance test plan
	1.3 Check and initiate safety systems and procedures in accordance with test plan
	1.4 Schedule key activities and timelines with full consideration to the specification and available resources
	1.5 Comply with and record administrative and legal requirements for data collection
	1.6 Communicate responsibilities to staff to ensure clarity of understanding of the work and to provide a basis for ongoing assessment
	1.7 Select and install data collection equipment in accordance with the data collection plan
2 Gather data	**2.1** Operate equipment according to manufacturer's specification, statutory and organisational policies and guidelines
	2.2 Relate entities to a reference system based on the specifications
	2.3 Collect data using methodologies detailed in the data collection plan
	2.4 Document metadata according to accepted industry standards

		2.5	Identify and plan for discrepancies between specification and actual activities
3	**Finalise the collection process**	**3.1**	Add attributes and topological structures to spatial data according to specifications
		3.2	Complete and store data and documentation
		3.3	Check data integrity in accordance with the validation plan

Foundation Skills

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

Range of Conditions

Range is restricted to essential operating conditions and any other variables essential to the work environment.

Non-essential conditions may be found in the Companion Volume Implementation Guide.

Unit Mapping Information

This unit supersedes and is equivalent to DEFEO812A Acquire data related to environment.

Links

Companion Volume implementation guides are found in VETNet - https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=6bdbab1e-11ed-4bc9-9cba-9e1a55d4e4a9