DEFEO705C Manage military explosive ordnance operations

Release 2

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Modification History

Release	TP version	Comments
2	DEF12 V2	Layout adjusted.
1	DEF12 V1	First release.

Unit Descriptor

This unit covers the competency required to plan and manage military explosive ordnance operations.

Application of the Unit

This competency normally applies to the individual who is required to plan and manage *military explosive ordnance operations*.

The individual is required to plan explosive ordnance operations, develop and deliver orders and instructions, identify the application of legislative requirements, coordinate multiple activities and provide debriefing, reports and appropriate documentation associated with the operations.

Military explosive ordnance tasks are normally conducted on operations, they can however be conducted in peacekeeping, in support of the civilian community/ authority and also in training.

Licensing/Regulatory Information

Not applicable.

Pre-Requisites

Not applicable.

Employability Skills Information

This unit contains employability skills.

Elements and Performance Criteria Pre-Content

| Elements describe the essential outcomes of a Unit of Competency. | Performance Criteria describe the required performance needed to demonstrate achievement of the element. Where **_bold italicised_** text is used, further information is detailed in the Range Statement. Assessment of performance is to be consistent with the Evidence Guide. |

Elements and Performance Criteria

ELEMENT	PERFORMANCE CRITERIA
1. **Identify operational requirement and feasibility**	1.1 Objectives to be achieved and explosive ordnance operations to be performed by the *organisation* are determined
	1.2 Operational requirements and feasibility are identified
	1.3 Shortfalls/problems are reported through the *chain of command*
	1.4 Resources required for the explosive ordnance operations, and any special requirements for their conduct are determined
	1.5 Feasibility of the operations to be undertaken are assessed identifying areas of coordination and impact on others
2. **Plan for conduct of operations**	2.1 Conduct of operations is planned identifying the *resource* and support requirements
	2.2 *Information and intelligence* in support of operations is assembled
	2.3 Liaison is effected in accordance with operational and organisation policy
	2.4 Availability and suitability of resources, including means of overcoming any shortfall, are identified
	2.5 Plans are adjusted to accord with resource availability in accordance with operational and organisation policy
	2.6 Operational and support materials are identified and procured/earmarked to conform with operational planning
	2.7 Elements to perform explosive ordnance operations are identified, advised and orders are raised to address the operations
	2.8 *Legislative requirements*, *doctrine*, *policy and procedures* are identified and implemented in accordance with operational and organisation policy and procedures
	2.9 Plans are finalised, authorised and issued in accordance with operational and organisation policy and procedures
3. **Manage operations**	3.1 *Orders* are issued to participating elements indicating their missions, tasks, resources and constraints/limitations
	3.2 Operations are managed and monitored to ensure

ELEMENT	PERFORMANCE CRITERIA
	efficiency of their conduct and achievement of the mission
	3.3 Plans are modified to reflect requirements in effort, resources and support
	3.4 Operations are coordinated as required, reallocating/adjusting resources to meet operational requirements
	3.5 Liaison is conducted with superiors, subordinates, supporting organisations and other operations being conducted as required, ensuring feedback and performance is addressed
	3.6 Reported problems are actioned in accordance with operational, and organisation policy and procedures
	3.7 Requested support requirements are addressed in accordance with operational and organisation policy and procedures
	3.8 Reports are provided in accordance with operational, and organisation policy and procedures
4. **Conclude operations**	4.1 Operations are documented in accordance with current instructions and procedures
	4.2 Debriefing is conducted as appropriate with the elements involved in the operations and higher levels/other organisations are informed of relevant matters
	4.3 Future operations are adjusted to reflect any impact of the completed operations

Required Skills and Knowledge

This describes the essential skills and knowledge and their level, required for this unit.

Required Skills

- allocate appropriate materials and personnel to the operations
- develop and deliver orders, instructions and directions
- direct, control, coordinate and monitor subordinate organisations and activities
- efficiently and safely manage the operations to achieve the mission
- interpret and apply environmental law relevant to the operations
- interpret and apply international humanitarian law relevant to the operations
- interpret and apply operations law relevant to the operations
- plan explosive ordnance operations
- provide reports and appropriate documentation

Required Knowledge

- characteristics, technical capabilities, effects, employment and limitations of explosive ordnance
- characteristics, technical capabilities, effects, employment and limitations of relevant equipment
- environmental law relevant to the explosive ordnance operations
- explosive ordnance operations to be performed
- international humanitarian law relevant to the explosive ordnance operations
- material, personnel skills and other requirements for the operations
- work health and safety (WHS) requirements
- operational environment
- operations law relevant to the explosive ordnance operations
- procedures and requirements of the operations
- reporting requirements and procedures associated with the operations
- safety precautions associated with the operations

Evidence Guide

The evidence guide provides advice on assessment and must be read in conjunction with the Performance Criteria, Required Skills and Knowledge, the Range Statement and the Assessment Guidelines for this Training Package.

Critical aspects for assessment and evidence required to demonstrate competency in this unit	Assessment must confirm the ability to: - plan explosive ordnance operations - develop and deliver orders and instructions - identify the application of legislative requirements - coordinate multiple activities - provide debriefing, reports and appropriate documentation associated with the operations **Consistency in performance** Competency should be demonstrated in a range of actual or simulated military explosive ordnance operational contexts.
Context of and specific resources for assessment	**Context of assessment** Competency should be assessed in the workplace or in a simulated work environment, in accordance with all relevant legislation and Defence requirements. **Specific resources for assessment** Access is required to: - explosive ordnance - operational setting
Method of assessment	In a public safety environment assessment is usually conducted via direct observation in a training environment or in the workplace via subject matter supervision and/or mentoring, which is typically recorded in a competency workbook. Assessment is completed using appropriately qualified assessors who select the most appropriate method of assessment. Assessment may occur in an operational environment or in an industry-approved simulated work environment. Forms of assessment that are typically used include: - direct observation - interviewing the candidate - journals and workplace documentation - third party reports from supervisors - written or oral questions

Range Statement

The Range Statement relates to the Unit of Competency as a whole. It allows for different work environments and situations that may affect performance. ***Bold italicised*** wording in the Performance Criteria is detailed below.

Military explosive ordnance operations:	• Are those activities undertaken by the Australian Defence Force, which involve the use of explosive ordnance in support of:
	   • operations
	   • exercises
	   • assistance to the civilian community (Defence Aid to the Civil Community/Defence Aid to the Civil Power)
	• May be performed in conjunction with or in support of other operations
	• May occur in:
	   • areas of operations
	   • at sea
	   • on land
	   • in training areas
	   • on ships
	   • in units/formations and bases
	• And may include:
	   • arming weapon systems
	   • explosive ordnance demolition (EOD) operations
	   • improvised explosive device disposal (IEDD) operations
	   • military demolitions
	   • laying and clearing minefields
	   • construction of obstacles
	   • laying and clearing booby traps

Organisation may include:	• Units or sub-units of the Australian Defence Force

Chain of command may include:	• Processes such as:
	   • operational control
	   • authority for direction
	   • reporting requirements
	• And may not be clearly defined

Resource allocation include:	• Any allocated support • Materials • Personnel

Information and intelligence may be gained from:	• Aerial photographs • Intelligence staff/units/agencies • Maps • Other units/organisations • Reconnaissance • Reports
Legislative requirements may include:	• Environmental Law • International Humanitarian Law • WHS and recognised safety precautions • Operations Law
Doctrine, policy and procedures include:	• Current doctrinal publications • Instructions • Policy • Standing operating procedures
Orders may be:	• Formal or informal • Written or oral • And may include warning orders

Unit Sector(s)

Not applicable.