DEFRM208B Manage training area and range contamination

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 locate, identify, isolate and establish safety parameters for contaminants and contamination on training areas and ranges.

Application of the Unit

This unit was developed for range management and range control work within Defence but may be applicable to work in this field.

Typically, people who or apply this unit would work independently or as part of a team under direct and indirect supervision, use discretion and judgement and take responsibility for the quality of their outputs. All activities are carried out in accordance with relevant organisational policies and procedures.

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 Pre-Content

Elements and Performance Criteria

ELEMENT	PERFORMANCE CRITERIA
1. **Prepare for the location and identification of contaminants**	1.1 Post activity reports and other incident or activity reports are analysed for probable contamination and location
	1.2 Probable location(s) of *contaminant(s)* are plotted on maps and/or charts in accordance with Range Standing Orders, instructions, policy and procedures
	1.3 Resources required for location/marking of the contaminant(s) are identified and acquired in accordance with Range Standing Orders, instructions, policy and procedures
	1.4 Plans are established for searches, confirmation and marking of contaminant(s) in accordance with Range Standing Orders, instructions, policy and procedures
2. **Confirm locality and identity of contaminants**	2.1 Searches for contaminant(s) are conducted in accordance with relevant Range Standing Orders, instructions, policy and procedures
	2.2 Maps, charts and documentation are marked in accordance with Range Standing Orders, instructions, policy and procedures
	2.3 *Contaminant*(*s*) are *identified* in accordance with Range Standing Orders, instructions, policy and procedures
3. **Isolate and determine safety parameters and/or disposal or clearance action**	3.1 Options are evaluated and *decisions* are taken on safety measures, exclusion zones and/or *disposal or clearance* action in accordance with Range Standing Orders, instructions, policy and procedures
	3.2 Contaminant(s) are marked and exclusion zones are established in accordance with Range standing orders, instructions, policy and procedures
	3.3 Contaminant(s) are recorded in relevant logs in accordance with relevant standing orders, instructions, policy and procedures
	3.4 Priority for action is allocated in accordance with relevant safety parameters, Range Standing Orders, instructions, policy and procedures
	3.5 *Destruction*/*clearances* are arranged in accordance with relevant standing orders, instructions, policy and procedures
4. **Notify users and/or authorities of contaminants**	4.1 Training area/range briefs are amended to reflect status of contaminant(s) in accordance with Range Standing Orders

	4.2 *Warnings* are prepared and issued in accordance with Range Standing Orders, instructions, policy and procedures
5. **Monitor and review training area status**	5.1 Revised activity plans and bookings are negotiated in accordance with Range Standing Orders
	5.2 Restrictions are lifted in accordance with relevant standing orders, instructions, policy and procedures

Required Skills and Knowledge

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

Required Skills

- apply the principles of duty of care
- conduct briefs
- identify contaminants
- interpret and apply training area safety requirements
- interpret training area activities
- navigate by vehicle and on foot list bullet
- operate training area communication facilities
- participate as a team member
- read and interpret job instructions, workplace documentation and reports
- research and analysis
- use a variety of verbal and non-verbal communication techniques including body language, language style, active listening
- write at the level required to complete documentation forms and reports
- write reports

Required Knowledge

- composition of teams and roles and responsibility of team members
- duty of care
- explosive ordnance by type, size and characteristics
- map reading
- navigation techniques
- principles of teamwork and teams aims and objectives
- risk assessment processes
- risk management procedures
- search techniques
- techniques for supporting others /team members
- training area/range environment and terrain
- training area/range user practices
- verbal and non-verbal communication techniques including body language, language style, active listening
- written communication to a level required to complete workplace forms and reports

Evidence Guide

Critical aspects for assessment and evidence required to demonstrate competency in this unit	Assessment must confirm the ability to locate and identify contaminants within the training area, apply risk management and assessment, and monitor and review training area status.

Consistency in performance

Competency should be demonstrated in a range of actual or simulated range and training area management contexts.

Context of and specific resources for assessment	**Context of assessment**

Competency should be assessed in the workplace or in a simulated work environment and in accordance with all relevant legislation and organisation requirements.

If assessment is undertaken in a simulated environment it is important that the simulation is a true representation of a range or training area and that a full range of contaminants is strategically placed throughout the area to enable the critical aspects of evidence to be assessed completely.

Specific resources for assessment

Access is required to an operating range and training area.

Guidance information for assessment	In all cases assessment should be supported by questions to assess knowledge and those aspects of competency which are difficult to assess directly.

Questioning techniques should suit the language and literacy levels of the candidate.

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.	
Contaminants may include:	• Chemical spills • Fragmentation debris • Petrol, oil and lubricant spills • Unexploded ordnance (UXO)
Identification of contaminants may include:	• Analysis • Markings/codes • Subject matter experts
Decisions on contaminant clearance/disposal may include:	• Consultation with experts dependant on contaminant • Risk assessment processes
Destruction/clearances may include:	• Closures of the training area • Negotiation of contracts
Warnings may include:	• Briefings • Notification to Airmen (NOTAMS) • Notification to Mariners (NOTMARS)

Unit Sector(s)

Not applicable.