



National Association of Ordnance Contractors

Policy Updates

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DoD Explosives Safety Regulation (DESR) 6055.09 First Edition



- Effective **January 13, 2019**
- Manage risks associated with **DoD military munitions** (DoD-titled ammunition and explosives (AE)) by providing protection criteria to minimize serious injury, loss of life and damage to property.
- Incorporated DDESB-approved criteria that had been **deferred since 2012** pending its publication.
- DDESB Staff working on Second Edition.



DESR 6055.09 Proposed Revision to **Volume 7 - Pre-decisional**



- Initial volume provided for coordination did not resemble the revision proposed by the DDESB work group that drafted the revision.
- Resolution of comments has not occurred, and will not until OSD (ESO) completes, may be even starts, its review.
- As proposed by the work group the proposal combined the current VOLUME 7: UXO, Munitions Response, Waste Military Munitions, and Material Potentially Presenting an Explosive Hazard (MPPEH) to Contain DoD Military Munitions that are UXO or DMM and re-titled the enclosure to "Explosives Safety for Real Property Known or Suspected to Contain DoD Military Munitions;" reduced redundancy
- Most of the proposed changes centered around:
 - DoD's position with regard DoD military munitions as a Principle Threat Waste (PTW); and
 - Matters (e.g., construction support) the Munitions Response Dialogue (MRD) addressed.



DESR 6055.09 Proposed Revision to Volume 7 - Pre-decisional



➤ Other changes:

- Provides additional guidance for addressing and controlling areas known or suspected to contain DoD military munitions that upon evaluation by qualified personnel may be determined to be MEC (e.g., UXO, DMM that pose an explosive hazard)
- Clarifies that explosives safety-related provisions of decision documents must be reviewed and approved by the DDESB.
- Softens language related to residual hazards that may remain present after a munitions response;
- Revises language concerning the exclusive use of small arms ammunition on ranges – “infrequent use of certain munitions (smoke grenades, flares) on a small arms range does negate;”
- Provides guidance for dredging operations;
- Simplifies and reduces language related to DDESB required explosives safety submissions (RESS).



DESR 6055.09 Proposed Revision



- **Applicable laws and regulations.** As used within this regulation, refers to compliance with statutes, regulations, Executive Order, DOD issuances, DoD Component or Military Services' issuances, and other standards that have been determined by an legal office to be legally applicable to the activity in question by examining applicability criteria and relevant waivers of sovereign immunity.
- **munitions and anomaly avoidance.** Techniques employed by technically qualified personnel (e.g., UXOQP, operational range personnel) on property known or suspected to contain DoD munitions that may be MEC to allow personnel who are authorized entry to the property to avoid munitions that may be on the surface and, when ground disturbing or intrusive activities are to be conducted, to avoid subsurface anomalies.
- **Munitions and Explosives of Concern (MEC).** DoD military munitions that upon evaluation by a technically qualified individual are determined to pose a unique explosives safety risks:
 - UXO ...
 - DMM ...
 - MC ...



Proposed Revisions to Volume 7 Construction Support



- **approved construction support.** Dedicated support, provided by UXOQP operating under a DDESB-approved document on DoD property for which the likelihood of encountering MEC or CA has been determined to be high.
- **On-call construction support:** Construction support provided by UXO-qualified personnel, on an on-call, as-needed basis, on property for which the responsible authority has determined the probability of encountering munitions (e.g., UXO, DMM) is low (remote). This support is generally limited to identifying whether a munition or suspect munition encountered is a munition that poses an explosive hazard and constitutes an explosives or munitions emergency.
- **Onsite construction support.** Dedicated support, provided by UXO-qualified personnel operating under a DDESB-approved required explosives safety submission (RESS) on property for which the responsible authority has determined that the probability of encountering a munition is high.



DDESB Technical Paper 18

Proposed Changes (Pre-decisional)



Chapter 1 (Paragraph 1.1.b.) - MEC related activities include:

- Munitions responses **in areas known or suspected to contain DoD military munitions that may upon evaluation by qualified personnel be determined to be MEC.**
- Operational range clearance-related activities.
- Similar operations that involve the intentional physical contact **with DoD military munitions that may upon evaluation by qualified personnel be determined to be MEC including:**
 - Chemical military munitions, **chemical agents (CAs)** in other than a munitions configuration (collectively referred to as “chemical warfare materiel (CWM)”) **or munitions and certain materials of interest.**
 - Ground-disturbing or other intrusive activities in areas known or suspected to contain **DoD military munitions that may upon evaluation by qualified personnel be determined to be MEC.**
- Performance of escort duties **or construction support (anomaly avoidance or on-site support).**



DDESB Technical Paper 18 (Continued) Proposed Changes



Chapter 1 (Paragraph 1.1, b.) - Other activities including:

- Preparation of required explosives safety submissions, protective action plans, site safety and health plan, and similar plans for MEC-related activities.
- Generation of field reports related to conduct of MEC-related activities;
- Conducting on-the-job training related to conduct of MEC-related activities;
- Participation in on-the-job training related to conduct of MEC-related activities; and
- Performance of maintenance on equipment used for MEC-related activities.



DDESB Technical Paper 18

Proposed Changes (Pre-decisional)



Chapter 1 (Paragraph 1.1.e.) - Personnel who support, conduct, or supervise MEC-related activities who do not meet the minimum qualification standards of Tables 4.1., 4.2., or 4.3.:

- **Must not have** direct contact with **DoD military munitions that may be MEC**; and
- **Should not have direct contact with MPPEH that may be** encountered during MEC-related activities until the material has been evaluated and determined not to pose an explosive hazard.



DDESB Technical Paper 18 (Continued)

Proposed Changes



Chapter 4 (Paragraph 4.5. and 4.6.) -

- The contractor is responsible for ensuring that personnel employed as UXOT and UXOQP, including dive personnel, are qualified to perform the duties assigned. A contractor's evaluation of individual's military work history (i.e., DD214, military training records) or civilian work history (i.e., employment records, individual logbook; professional certifications, training certificates) will be used as the basis for determining each individual's cumulative MEC-related work experience (see paragraphs 1.1.b. and 4.4.). The documentation the contractor used for this determination must be available if the government requests.
- UXOTs and UXOQP should maintain a logbook of their MEC-related work hours, which may include work that required knowledge of military munitions and the application of explosives safety criteria. If maintained, this logbook will, at a minimum, include the below. (Note: The tracking of hours worked performing MEC-related work is optional; however, for advancement based on years of experience, documentation of 1,880 hours per year counted is required.)



U.S. ARMY

DDESB Technical Paper 18 (Continued) Proposed Changes (Pre-decisional)



Chapter 4 (Paragraph 4.5. and 4.6.)

- Number of hours worked in a UXOQP or UXOT position;
- Type of activity (e.g., UXO Escort, UXO TI, UXOQP) performed; and
- Certification of the number of work hours used for advancement (not required for work hours recorded prior to 1 September 2016):
 - As required by employing contractors; or
 - By on-site supervisor (include supervisor's name and contact information).



DDESB Technical Paper 18 (Continued) Proposed Changes (Pre-decisional)



**Table 4.4. UXO Technician (UXOT) and UXO-Qualified Personnel (UXOQP) Logbook
(Recommended Format)**

Technician name:
Location (e.g., Munitions Response Site, Operational Range):
Contractor:
Technicians job position:
Technician's start- and finish-date:
Technician's Supervisor, Position and telephone number and/or email address:
Instructions - UXOT and UXOQP are responsible for maintaining a logbook of their hours. These personnel should be able to provide reasonable documentation that supports the hours logged. <ul style="list-style-type: none">• MEC-related work hours, as defined by TP-18, includes the time involved in the intentional physical contact with MEC or the conduct of ground-disturbing or other intrusive activities in areas known or suspected to contain military munitions that may be MEC, but includes activities in support of a MEC-related contract such as report generation, on-the-job training, equipment maintenance, and other activities required to support a contract's requirements.• UXOT's or UXOQP's start- and finish-dates are the dates physically worked at the job site.• File in a loose-leaf binder. (Note: a scanned backup is prudent.)
Number of hours:
Type of activity (e.g., escort, demo, intrusive, analog operations, DGM):
Employee signature:
Supervisor signature:
Supervisor Contact Information (phone and email):



DoDM 4140.in, Management of Material Potentially Presenting an Explosive Hazard (MPPEH) Procedures



- Management and Disposition of Material Potentially Presenting an Explosive Hazard (MPPEH) - Procedures Manual (**3 March 2008**)
- DoD Manual 4140.in, Management of Material Potentially Presenting an Explosive Hazard (MPPEH) Procedures (**3 December 2018**)
 - Formal coordination completed - **31 October 2018**
 - Comment resolution completed - **6 to 8 November 2018**
 - Submit final draft that incorporates language that adjudicated comments for Washington Headquarters Services for "Pre-Signature" review - Estimated completion **13 December 2018**
 - Issue date: **TBD**



Words Still Have Meaning

3Rs Program Update

www.3Rs.mil



- Education is an integral part of risk management
- Active installations must have a program
- Focus on preventing behaviors (touching, moving or disturbing) that may lead to injury
- Guiding principles:

- Consistency of message
 - ✓ Munitions are dangerous
 - ✓ Easy to remember by all ages
- Easily and rapidly disseminated to affected communities
- Standardize materials





3Rs Program Update

3Rs.mil



New 3Rs Explosives Safety Material

- **3Rs Explosives Safety Guide – Hunters**
- **3Rs Explosives Safety Guide - Off-road Vehicle (ORV) Recreation**
- **3Rs Explosives Safety Program (3Rs Program) Website Training**



3Rs Program

www.3Rs.mil



Recommendation - The Army's "3Rs" Explosives Safety Education Program ("3Rs" Program) and its "3Rs" message (Recognize, Retreat, Report) should be the basis for education programs to inform the public, as well as our Military Members and their families, of the hazards associated with munitions that they may encounter.

Proposed language for DESR V7.E3.4, Special Considerations - 3Rs (Recognize, Retreat, Report) Explosives Safety Education Program. DoD Components should establish explosives safety education programs to advise military personnel, DoD civilians, those living on or visiting DoD installations and the public about the dangers associated with military munitions and the actions to take should they know or suspect they have encountered a munitions. (See www.3Rs.mil.)





Questions