

TECHNICAL MANUAL

GENERAL INSTRUCTIONS

FOR

DEMILITARIZATION/ DISPOSAL OF

CONVENTIONAL MUNITIONS

This copy is a reprint which includes current pages from Changes 1 through 3.

HEADQUARTERS, DEPARTMENT OF THE ARMY
MARCH 1982

TECHNICAL MANUAL

No. 9-1300-277

**HEADQUARTERS
DEPARTMENT OF THE ARMY
Washington, DC, 31 MARCH 1982**

**General Instructions
for
Demilitarization/Disposal of Conventional Munitions**

REPORTING ERRORS AND RECOMMENDING IMPROVEMENTS

You can help improve this manual. If you find any mistakes or if you know of a way to improve the procedures, please let us know. Mail your letter or DA Form 2028 (Recommended Changes to Publications and Blank Forms) located in the back of this manual directly to Commander, U.S. Army TACOM, Armament Research, Development and Engineering Center, ATTN: AMSTA-AR-WEL-S, Picatinny Arsenal, NJ 07806-5000. You may also send in your recommended changes via electronic mail or by fax. Our e-mail address is LSB@PICA.ARMY.MIL. Our fax number is DSN 880-4633, Commercial (973) 724-4633. A reply will be furnished to you.

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CHAPTER 1

INTRODUCTION

1-1. PURPOSE AND SCOPE

a. This user manual provides ready references to sources of information, regulations, and technical experts for the purpose of ensuring that demilitarization/disposal activities utilize and implement the latest guidance and technical knowledge. The contents are intended to supplement existing information, regulations, and instructions directed specifically at demilitarization/disposal operations. Requirements and procedures in DMWR's on specific ammunition items will take precedence when in conflict with those stated in this manual.

b. The information, guidance, and references pertain to excess, unserviceable or obsolete conventional munitions and explosives. Chemical Group A Agents and certain Chemical Group B Agents, including blood agents CG and BZ, are excluded from the provisions of this manual.

c. The requirements of this manual apply to Military Installations or Facilities, and Joint Military Civilian Activities which are responsible for the demilitarization/disposal of Conventional Ammunition. They will be followed except where the provisions of the host country are applicable.

d. Warnings, cautions, and notes which appear in this manual are defined as follows:

WARNING

AN OPERATING PROCEDURE, PRACTICE, ETC., WHICH IF NOT CORRECTLY FOLLOWED, COULD RESULT IN INJURY TO PERSONNEL OR LOSS OF LIFE.

CAUTION

AN OPERATING PROCEDURE, PRACTICE, ETC., WHICH IF NOT STRICTLY OBSERVED, COULD RESULT IN DAMAGE TO, OR DESTRUCTION OF, EQUIPMENT.

NOTE

An operating procedure, condition, etc., which is essential to highlight.

1-2. FORMS, RECORDS, AND REPORTS

a. General. Responsibility for execution of forms, records, and reports rests upon the commanders of all installations performing demilitarization/ disposal operations. Records, reports, and authorized forms normally indicate the type, quantity, and condition of materiel received, demilitarized, and disposed of.

b. Authorized Forms. The forms generally applicable to units handling subject materiel are listed in appendix A. Refer to TM 38-750 and TM 38-750-1 for instructions on use and completion of these forms. For a current listing of all forms, refer to DA Pam 310-1

c. Field Report of Accidents. Accidents involving injury to personnel or damage to materiel will be reported on DA Form 285, in accordance with AR 385-40.

d. Report of Damaged or Improper Shipment. All shipments of munitions received in damaged or otherwise unsatisfactory condition, because of deficiencies in preservation, packaging, marking, loading, storage, or handling will be reported on SF 364 in accordance with AR 735-11-2. Reports of damaged or improper shipment due to transportation discrepancies are to be reported on SF 361 in accordance with AR 55-38.

e. Fires. A fire report will be prepared on all fires, or explosions followed by fires, which result in injury, loss of life, or property damage (repair or replacement cost of \$100 or more) at all DA installations. Property includes Army equipment, materials, structures, plants, systems, timber or grassland, or other property. Motor vehicles or aircraft damaged while in use are excepted from this report. For further information, refer to AR 420-90. Reports of fire, or explosion followed by fire, involving ammunition or explosives are made in addition to the reports specified in AR 38540.

1-3. WAIVER ACTIONS

a. General. The mandatory requirements and advisory provisions set forth in this manual apply to each command, unit, activity, and facility where commanders are charged with the responsibility for safety and are implemented by DARCOM-R 385-100 and TM 9-1300-206.

b. Mandatory Requirements. Mandatory requirements are those in which the terms "shall", "will", or "must" are used. The advisory provisions include the terms "should" or "may".

c. Waivers. Waiver actions regarding deviation from mandatory standards of this manual other than ammunition and explosive quantity-distance standards shall be submitted through channels to the appropriate major CONUS or overseas commander for review and approval. All approved waivers shall be granted for definite periods not exceeding one year and shall be reviewed annually by the submitting installation or activity to determine whether current conditions warrant continuation or modification of the waiver. Waiver renewal requests must be submitted when extensions are necessary. The only exception to the above is for ammunition and explosives quantity-distance conditions. Waivers for Q-D shall be treated as follows:

(1) The Chief of Staff, U.S. Army (CSA) is the controlling authority for granting waivers of Q-D safety standards for ammunition and explosives. This authority is redelegated by this regulation to:

(a) Commanders of major Army commands-(MACOMS) in CONUS.

(b) Overseas theater commanders.

(c) The Chief, National Guard Bureau (CNGB).

(2) This authority will not be redelegated further.

(3) Commanders to whom waiver authority is delegated (per (a) above) will:

(a) Ensure the existence of necessary and-compelling reasons before granting waivers to Q-D standards.

(b) Grant waivers to Q-D standards for installations and activities within their areas of authority.

d. Requests for Waivers.

(1) General. Commanders of installations, activities, and other ammunition locations will submit requests for waivers through command channels. This will be done when Q-D standards cannot be achieved. When such waivers impact on other commands, initiating activities will coordinate requests with these local commands. Requests for waivers will include copies for intermediate commands. CONUS commanders will coordinate with other affected MACOM commanders before granting waivers.

(2) Requirements. Requests for waivers will contain the following minimum information:

(a) Description of conditions. This will include maps showing distances to internal and external exposures, location of personnel, facilities exposed, and quantity and type or class of ammunition or explosives.

(b) Safety regulations that will be violated, and reasons.

(c) Specific time period for the waiver.

(d) Safety precautions during the period of waiver.

(e) Development of a waiver plan. This will include milestones, resources, and actions planned to eliminate the need for the waiver.

(3) Submission. Requests for waivers will be forwarded as shown below.

(a) Within CONUS, through command channels to the CONUS MACOM commanders.

(b) Within overseas commands, through command channels to MACOM and theater headquarters.

(c) Within ARNG to CNGB.

e. Time Limitations.

(1) Waivers normally will be limited to 1 year or less; no waivers will be in effect for more than 5 years. A waiver will be considered as rescinded on its expiration date. Installation or activity commanders will forward waiver renewal requests in time to permit investigation, evaluation, and reply. Waivers will not be renewed unless all practicable means for corrections have been exhausted.

(2) Waivers granted for more than 1 year will be reviewed each year by the installation or activity commander. This will ensure that circumstances requiring the waiver have not changed. Results of this review (and a progress report regarding milestones that have been completed) will be forwarded through command channels to the MACOM commander granting the waiver.

(3) Request for amendments will be initiated when:

(a) Factors or circumstances provide a basis for a change to the initial requests for waiver.

(b) New conditions arise to affect an existing waiver.

(4) When factors of circumstances prevent a waiver condition from being corrected within 5 years of an original request (submitted after the effective date of this regulation), the waiver becomes a candidate for exemption. The installation commander will review exemptions each year and assure that a record of this review be maintained locally.

f. Exemptions.

(1) Exemptions are relatively long-term exceptions to otherwise mandatory standards. They will be granted only under the following conditions:

(a) When immediate corrective measures are impractical.

(b) Where impairment of the overall defense posture would result.

(c) When positive programs for eventual limitation of the exemption's need are being pursued.

(2) Exemptions can be authorized only by the Secretary or Under Secretary of the Army, or higher authority.

(3) Requests for exemptions will be sent to HQDA(DAPE-HRS), WASH DC 20310.

(4) Exemption requests must include detailed information on the hazards involved in the operation. A hazard analysis must describe expected casualties and property losses on a worst-case basis.

g. DOD Explosives Safety Board. Recommendations of the 'DOD' Explosives Safety Board (DODESB) will be considered by HQDA(DAPE-HRS). This will help resolve requests for waivers or exemptions, or controversial decisions. (See AR 38560.)

h. Disagreements. Requests for waivers or exemptions within CONUS that cannot be resolved between MACOM commanders will be referred to HQDA(DAPE-HRS), WASH DC 20310, for resolution.

i. Records. Copies of waivers and exemptions will be maintained in the safety offices of installations and MACOMs .

j. Clarification. Requests for clarification of provisions of this regulation will be submitted to HQDA (DAPE-HRS), WASH DC 20310.

1-4. HAZARD CLASSIFICATION

The U.S. Army DARCOM is responsible for assigning proper hazard classification (TB 700-2) DOD storage compatibility groups, Department of Transportation (DOT) class, and DOT markings for ammunition and explosives adopted for use by the Army. Information desired for existing munitions and required data regarding newly developed systems shall be addressed to Director, DARCOM Field Safety Activity, ATTN: DRXOS-ES, Charleston, IN 47111.