



UNITED STATES MARINE CORPS
MARINE CORPS COMBAT BASE
QUANTICO, VIRGINIA 22134-5001

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MARINE CORPS BASE ORDER P8023.1

From: Commanding General
To: Distribution List

Subj: HANDLING, STORAGE, TRANSPORTATION, AND DISPOSITION OF
AMMUNITION AND EXPLOSIVES

Encl: (1) LOCATOR SHEET

1. Purpose. To provide instructions for the safe handling, storage, transportation, and disposition of ammunition and explosives, to include all Class V(W) and Class V(A) items maintained or used at the MCB, Quantico, VA.
2. Cancellation. MCCDCO P8023.1.
3. Summary of Revision. This revision contains a substantial number of changes and should be reviewed in its entirety.
4. Recommendations. Recommendations concerning the contents of this Manual are invited and encouraged. Such recommendations will be forwarded to the CG MCB (C 211) via the appropriate chain of command.
5. Certification. Reviewed and approved this date.

M. C. BUNTON
By direction

DISTRIBUTION: A/C plus 6 (300)

LOCATOR SHEET

Subj: HANDLING, STORAGE, TRANSPORTATION AND DISPOSITION OF
AMMUNITION AND EXPLOSIVES

Location: _____
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this Manual).

HANDLING, STORAGE, TRANSPORTATION AND DISPOSITION
OF AMMUNITION AND EXPLOSIVES

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CHAPTER 1

SAFETY

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CHAPTER 1

SAFETY

1000. GENERAL. The two most important considerations in handling ammunition and explosives are safety and responsibility. Everyone working with or near any form of explosives should realize that explosives are potent and meant to explode. Even the least sensitive explosives may detonate if subjected to imprudent or improper handling, causing considerable damage or loss of life. Analysis of accidents that have occurred while using, handling, shipping, and storing ammunition and explosives show that avoidable circumstances existed in nearly every instance when the cause of the accident could be determined. Complete understanding and strict observance of specified safety regulations are necessary to eliminate the unsafe acts and conditions that cause preventable accidents. Likewise, any repeated work, no matter how dangerous, is likely to become routine and lead to carelessness. Therefore, constant alertness on the part of the explosive worker and intelligent, close supervision by the supervisor must be maintained to prevent accidents in operations that involve ammunition and explosives. Where necessary, activities must develop, implement and rehearse emergency response, evacuation and contingency plans associated with ordnance processing. The Standard Operating Procedure is the required document by which activities integrate these various items for the workers conducting the process. The commanding officer of the activity is responsible for developing, validating, approving, reviewing and using SOP's for processing ordnance at the activity.

1001. SUPERVISION

1. All details or duties which involve the care, handling, or transportation of explosives or ammunition shall be under the supervision of a qualified ammunition technician.
2. Prior to handling ammunition or explosives, the supervisor will ensure that all personnel are properly instructed in the applicable safety precautions.
3. No ammunition or explosives will be fired into or exploded in any inland water within the confines of this Command, except by explosive ordnance disposal (EOD) technicians while performing their assigned mission.
4. No test will be conducted or performed on ammunition, explosives, or weapons except as directed or authorized by the CG MCB.
5. The use of nonstandard or foreign ammunition and explosives for use aboard the base is forbidden unless authorized by the COMMARCORSYSCOM and approved by the CG MCB.

6. Modification of Ammunition and Explosives

a. Ammunition or explosives shall not be disassembled, altered or modified except for those normal operations provided for in TM-9-1300-203 and authorized operations performed by qualified EOD personnel. Ammunition will not be used for any purpose other than for which it was originally designed.

b. The following verbatim instruction shall be communicated to all personnel whenever blank ammunition is issued:

"Under no circumstances shall anyone increase the powder charge or modify blank ammunition in any way."

7. Small arms blank ammunition will not be fired at personnel less than 20 yards away.

8. Ammunition which cannot be identified by lot number will not be fired.

9. Ammunition will be fired in such a manner that its trajectory will not pass over any ammunition storage area.

10. All commanders shall ensure that all inert-loaded or empty ammunition and their components, are inspected and certified to be "inert ordnance" and properly labeled as such.

1002. OPERATING PERSONNEL. Operating personnel are responsible for reading, understanding and strictly observing all safety standards, requirements, and precautions applicable to their work or duty. In addition, each individual shall:

1. Immediately report to the supervisor any unsafe condition, employee actions, or equipment or material considered unsafe.

2. Immediately warn other personnel when they are in danger by known hazards or by their failure to observe safety precautions.

3. Wear or use approved protective clothing or equipment when required.

4. Immediately report to the supervisor any injury or evidence of impaired health to himself/herself or others occurring in the course of work or duty.

5. Be prepared, in the event of an unforeseen hazardous occurrence, to give an audible warning to the other employees and to exercise reasonable caution appropriate to the situation.

6. Immediately report to the supervisor the presence of unauthorized personnel in the area.

1003. AIR SPACE RESTRICTION. Aircraft, other than those in landing or takeoff patterns, are not authorized to fly over an ammunition storage area at an altitude of less than 500 feet.

1004. HANDLING OF CLASS V MATERIEL

1. Handling of Class V materiel will be performed in a manner that will prevent damage by shock or friction.
2. Ammunition containers will be handled with extreme caution.
3. Class V materiel will not be exposed to inclement weather or the direct rays of the sun unnecessarily.
4. Ammunition containers found to be damaged or unserviceable will have the contents inspected by an ammunition technician prior to use. Serviceable ammunition will be transferred to serviceable containers prior to being placed in storage. The new container(s) will be labeled with the information contained on the original packaging.
5. Containers will be handled so as to avoid obliteration or defacement of the identification markings, to include optical scanning bar-coded labels. No person will deliberately change or deface such markings on original containers.
6. Only nonsparking tools will be used to work on ammunition containers filled with explosives, powders, dynamite, or explosive initiators.
7. Except as authorized in paragraph 1003.8, no flame or spark producing device will be used, or be in the possession of a person within 50 feet of Class V materiel. Furthermore, smoking is prohibited within an ammunition storage area or within 50 feet of Class V materiel.
8. The use of matches to light safety time fuse as described in FM 5-25 is permitted. Only those matches required for immediate use will be brought into close proximity with the Class V materiel to be ignited.

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CHAPTER 2

CONTROL, STORAGE, AND SALVAGE

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CHAPTER 2

CONTROL, STORAGE, AND SALVAGE

2000. CONTROL. Control of ammunition and explosive items by activity heads is synonymous with proper and exacting supervision at all levels. Control is enhanced by teaching ammunition supply discipline and fire control to all individuals and combat crews. Ammunition supply discipline can seldom be taught during combat and, like other types of discipline, it must become an individual habit formed during training. Factors bearing on this type of discipline are as follows:

1. The requisitioning of Class V materiel must be timely and complete. Detailed requisition procedures can be found in MCCDCO 8011.1.
2. Activity heads should be aware of the supply source of Class V materiel.
3. Constant review of Class V materiel training requirements is mandatory to ensure that valuable and diminishing stocks are utilized to their full potential in training.
4. Do not hoard or abandon ammunition or explosive items.
5. Report loss of munitions per MCO 4340.1.
6. Do not open two or more containers to effect distribution that can be made from one container.
7. Do not open or break seals on containers until needed for actual use.
8. Do not damage containers during or after the removal of contents.
9. Ammunition or explosives will not be appropriated for personal use.
10. Government-owned ammunition/explosives will not be removed from the confines of this Base nor utilized by an individual, except as authorized by the CG MCB.
11. Government-owned ammunition or explosives will not be given away, sold, offered for sale or exchanged for privately owned or Government-owned property.
12. Excess ammunition or explosives from any type or training will never be destroyed, dumped, buried, or fired indiscriminately in order to avoid returning the excess ammunition to the ammunition supply point (ASP).

13. Ammunition and explosives will be issued to personnel just prior to use and the remainder will be retrieved immediately after the exercise is completed.

14. An officer or noncommissioned officer will be placed in charge of, and will accompany, the vehicle or convoy when drawing or returning ammunition to the ASP. A qualified ammunition technician (MOS 2311) may be assigned the duties listed in this subparagraph. The responsibility for general supervision will remain with the officer or noncommissioned officer in charge (NCOIC).

15. A record will be kept of expended ammunition or explosives, so that upon completion of the exercise, the nonexpended items when tallied against the number or items expended or fired, will equal the total amount issued.

2001. SUSPECT CARGO SITE

1. A suspect cargo site is a location where ammunition or explosive laden vehicles can be inspected when the contents are suspected of being in a hazardous condition. The suspect cargo site for ammunition and explosives is located at the C-Demo range.

2. The ammunition and/or explosive cargo of a vehicle is considered "suspect" when any of the following conditions apply:

a. When the seals are broken or missing on an inbound commercial vehicle loaded with ammunition or explosives.

b. When there is reason to believe the cargo may have shifted or sustained damage in transit.

c. When there is evidence or the possibility of theft, tampering, or sabotage of the cargo.

3. The following procedures will be followed concerning the use of the suspect cargo site:

a. A vehicle is identified as "suspect."

b. Contact Explosive Ordnance Disposal (EOD) and the ASP at 784-5314 and 784-5296, respectively.

c. Contact the Provost Marshal Office (PMO) (784-2251) and request an escort for the vehicle to the suspect cargo site. PMO will secure the road network from the ASP to C-Demo range until the vehicle arrives at the suspect cargo site.

d. EOD will stage the vehicle, seal off the range, and inspect the cargo.

e. EOD will inspect/destroy/dispose all hazardous materiel using established EOD procedures.

f. If the cargo is safe for storage, it will be returned to the ASP.

4. The disposal of munitions-related hazardous waste aboard the Base is strictly prohibited. Any type of emergency destruction operations must be in compliance with Natural Resources and Environmental Affairs and the Virginia Department of Environmental Quality regulators to secure required emergency permits.

2002. STORAGE AND SALVAGE

1. The ammunition or explosives on hand at the termination of the exercise will be returned to the ASP in the original package and in a safe condition by the officer or NCOIC. The ammunition technician may be assigned only those duties involving the transportation and handling of the ammunition.

2. At the completion of each day's firing, organizational commanders will salvage and package ammunition and explosive components as follows:

a. Fired cartridge cases will be turned into the Defense Reutilization Marketing Office (DRMO) prior to 1600. Cartridge cases which cannot be turned in prior to this time will be retained until the following work day and delivered to DRMO. Extreme care should be taken to preserve all metal which has been designated as critical.

b. Organizational commanders are requested to furnish the necessary personnel to load and unload salvage items.

c. A Certificate of Inspection (NAVMC Form 818-SD), signed by the OIC/NCOIC will be delivered to DRMO with each delivery of cartridge cases returned. A signed copy of this inspection form will be forwarded to certify that no live or dangerous items are contained therein.

d. Organizational commanders will ensure that containers and packing material will not be burned or destroyed.

e. If not required for repacking of unused Class V materiel, the organizational commander will:

(1) Deposit all paper, cardboard inserts, wooden containers, and cloth bandoleers in the trash dump.

(2) Turn in all metal to DRMO.

(3) Ensure that no ammunition, explosives or chemical items are mixed with the containers or packing materials marked for disposal.

f. Explosive components shall be handled in the following manner:

(1) Fuzes which have been removed from artillery or mortar type ammunition shall have all safety pins replaced, be verified safe, be securely packaged, be properly marked for identification, and be returned to the ASP.

(2) Excess propellant increments or powder charges shall be disposed of by burning per pertinent field manuals. The ignition train will be prepared per instructions provided in NAVSEA OP 5, Vol I.

(3) Supplementary charges shall be returned in the same manner as the fuzes in paragraph 2002.2f(1).

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REGULATIONS FOR THE AMMUNITION SUPPLY POINT

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CHAPTER 3

REGULATIONS FOR THE AMMUNITION SUPPLY POINT

3000. RECEIPT, STORAGE, AND ISSUES

1. The Director, Logistics Division, will be responsible for the receipt, storage, and issue of all Class V(W) materiel.
2. Class V(W) materiel is shipped into the ammunition supply point (ASP) based upon the approved annual training allocations for all using units, tenant activities, and other supported units.
3. Procedures for requisitioning ammunition or explosives from the ASP is contained in MCCDCO 8011.1.
4. Storage of authorized ammunition or explosives in any facility or building other than the ASP is prohibited, except as follows:
 - a. Small arms ammunition intended for interior guards may be stored locally. In addition to recording the lot numbers of ammunition used for interior guards, organizational commanders are requested not to exceed quantities required for immediate needs.
 - b. Any other necessary ammunition for immediate internal security needs must be approved by the CG MCB and requested via CG MCCDC (Code C465) as a special allowance or recommended change to MCO P8011.4.
 - c. Ammunition authorized for interior guards will be secured with positive locked storage and adequate protection against fire and theft.
5. The ASP is fenced in by heavy duty fence and comprises an area of approximately 79 acres. It is located 1.6 miles West of Interstate 95 on MCB 1.
6. The keys to the magazines and other buildings in this area will be maintained under the cognizance of the Director, Logistics Division.
7. All ammunition will be stored per MCO 8020.1, and NAVSEA OP 5, Vol 1.
8. The officer in charge (OIC) will ensure that detailed inspections are conducted at the ASP. General magazine area inspections will be conducted monthly and specific magazine inspections will be conducted quarterly. Any discrepancy in safety regulations will be reported to the Director, Logistics Division and corrected immediately.
9. All magazines will be marked and numbered per NAVSEA OP 5, Vol I.

10. A continuity test will be made every 24 months on all magazines per NAVSEA OP 5, Vol I.

11. All magazines containing explosives in any form or quantity shall be kept closed and locked at all times, except as follows:

a. When authorized personnel are engaged in removing explosives, ammunition, or other materiel; or when stowing or restowing such materiel.

b. When making daily or other required inspections of magazines or their contents or when taking inventory or checking stock.

c. When undergoing cleaning or repairs.

d. When requiring ventilation.

12. Only those magazines to which the foregoing operations apply shall be opened, and during such operations, a responsible person shall be in charge of the magazine. When the operation in question is completed or work is suspended due to the end of the working day, or for other reasons, these magazines shall be carefully inspected and all windows, shutters, ventilators and doors secured as required and the magazine locked. Any abnormal or dangerous condition will be immediately reported to the OIC, ASP. Doors, windows, shutters, and ventilators must be kept in good working order and fitted without large cracks or openings to preclude the entrance of sparks, dirt, rain, snow, or other debris.

3001. SAFETY. The following safety regulations will be followed in the operation of the ASP:

1. This area is for the storage of ammunition and explosives only.

2. No unauthorized persons are allowed in this area.

3. Troops will not drill, maneuver, or train within 400 yards of this area.

4. No smoking, open flame lights or spark producing devices are permitted in this area except as authorized in NAVSEA OP 5, Vol I, and approved by the CG MCB.

5. No hunting is permitted within 200 meters of this area.

6. Motor vehicles will not park along the road adjacent to this area.

7. A 50 foot firebreak will be maintained around the magazine area.

8. The personnel assigned to the ASP will be carefully instructed on the storage, handling and all other safety precautions necessary for working in or near magazine areas. Particular attention will be paid to the handling of sensitive explosives.
9. The auxiliary equipment necessary for chemical magazines will be available at all times.
10. Containers will not be opened inside magazines, except as permitted in paragraph 11-3.1.1. of NAVSEA OP 5, Vol I.
11. No work requiring the use of a blowtorch, welding torch, soldering, or the melting of asphalt will be permitted in or near a magazine containing ammunition or explosives until the magazine has been emptied, and the ammunition is at least 100 feet away.
12. Smoking is prohibited in any magazine area, or around vehicles, motor trucks or trailers, in which there are explosives or ammunition. Locations for smoking may be prescribed by the OIC.
13. Safety tools will be used when opening containers of ammunition or explosives.
14. The OIC of the ASP is charged with the responsibility of good housekeeping in all magazines and buildings.
15. The entire magazine area will be kept in a good state of police. The grass will be maintained per paragraph 4-1.2.3. of NAVSEA OP 5, Vol I.

3002. UNSERVICEABLE AND SUSPENDED AMMUNITION

1. Ammunition is designed and produced with as high a degree of safety and reliability as attainable within the state of the art. However, during quality evaluation or surveillance testing, it is sometimes determined that an item will no longer function per design specifications and its use must be limited, suspended, or permanently curtailed. Malfunctions and discrepancies reported by using units also prompt inputs to the reclassification program.
2. All accidents, incidents and unsatisfactory performance of ammunition and explosives shall be reported per procedures outlined in MCO 8025.1.
3. Unserviceable ammunition will be destroyed only by approved disposal methods per the instructions prescribed in NAVSEA OP 5, Vol I.
4. No ammunition will be disposed of by burning, burying, or detonation except where specifically authorized.

5. If ammunition or explosives are reclassified to another condition code, or if technical or precautionary data is in need of promulgation to all users, a Notice of Ammunition Reclassification will be issued by NOC, Mechanicsburg via message.

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CHAPTER 4

SECURITY

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CHAPTER 4

SECURITY

4000. GENERAL SECURITY REGULATIONS

1. Responsibility for the security of the Ammunition Supply Point (ASP) is assigned to the Commanding Officer, Security Battalion. The ASP will have a 24-hour duty ammunition technician on call for the purpose of receiving and issuing ammunition. He will be reachable via phone through the ASP guard.

2. Individuals issued or in the possession of ammunition and explosives, are responsible for its security. In addition to the armed security requirements for transportation and field storage of ammunition and explosives, Security Risk Category 1 (SRC-1) items require the signature custody of an officer, noncommissioned officer (SSgt or above), or civilian personnel of the grade GS-6 or above. (This custodian may also serve as the armed security.) This custodian will sign for the item(s) at the ASP at the time of issue and retain custody and control of the item until it is expended, returned to the ASP, or custody is transferred by signature (DD Form 1907) to another authorized individual. Further definitions of security risk categories and custodial requirements may be found in OPNAVINST 5530.13.

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FIRE PROTECTION

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CHAPTER 5

FIRE PROTECTION

5000. GENERAL RESPONSIBILITY. Fire is a great danger to life and property, especially when ammunition and explosives are involved. Many of these materials are extremely sensitive to heat and react at temperatures substantially lower than those required to ignite ordinary wood, paper, or fabrics. Even indirect heat generated by a fire could initiate a reaction resulting in an explosion.

1. The first and most important rule in operations involving ammunition and explosives is to keep them away from excessive heat.
2. All personnel, supervisory or otherwise, shall be indoctrinated and made thoroughly familiar with the fire hazards, firefighting equipment, and safety practices of the operations for which they are responsible.
3. The Director, Logistics Division, will ensure that the fire protection and fire fighting regulations at the Ammunition Supply Point (ASP) are in compliance with NAVSEA OP 5, Vol I.

5001. NOTIFICATION. The person discovering fire will sound the alarm, then telephone the fire department (call 911).

1. During working hours, the person discovering the fire will notify the officer in charge (OIC), ASP (telephone 784-5266/96).
2. After working hours, Sundays, and holidays the person discovering the fire will call the fire department, the Command Duty Officer at 784-2707, and then the OIC, ASP.

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CHAPTER 6

MALFUNCTIONS AND ACCIDENTS INVOLVING AMMUNITION

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CHAPTER 6

MALFUNCTIONS AND ACCIDENTS INVOLVING AMMUNITION

6000. GENERAL

1. Definitions

a. Malfunctions. Failure of an ammunition item to function per the design, intent, and expected performance when fired, launched, or otherwise employed as designed.

b. Misfire. An ammunition item which has been subjected to its normal firing or intended use and fails to launch, detonate, or function as designed.

c. Dud. An ammunition item which when fired, launched, ignited, thrown, or initiated fails to ignite or detonate.

d. Defect. An imperfection, which as a result of improper design, manufacture, handling or storage, provides the opportunity of a malfunction when the item is handled or employed.

2. All malfunctions or accidents involving Class V materiel will be reported per MCO 8025.1 and OPNAVINST 4790.2. Submission of the malfunction report is the using units' responsibility, and shall not be delayed due to nonavailability of all pertinent data.

3. The initial report must contain information on those elements as prescribed by MCO 8025.1. In cases when there is a nonavailability of pertinent information, a supplemental report will be submitted within 15 working days.

4. Cognizance must be taken by supervisory or responsible personnel of the fact that many apparent malfunctions and accidents are not caused by faulty ammunition. Hasty conclusions often result in the suspension of serviceable ammunition for lengthy periods due to erroneous appraisal of the cause. In many instances, malfunctions and accidents can be traced to human error. For example:

a. Failure to completely close breech mechanisms or failure to properly assemble firing mechanisms will result in misfires.

b. Broken or worn firing pins, failure to install firing pins or weak springs in the firing mechanisms will result in misfires.

c. Failure to remove safety wire, pins, etc., from fuzes prior to firing will result in duds.

d. Improper fuze settings will cause premature burst.

e. Setting a fuze to "Delay" when firing into a rocky or extremely hard surfaced impact area will cause the fuze to shear off on impact resulting in a dud.

f. Use of improper fuzes will result in a dud, i.e., a fuze designed for a rifled (spin) bore will usually not function on a projectile fired from a smooth (non-spin) bore and vice versa.

g. Improper rounds or components will prevent the complete closure of breech of firing mechanisms, which could result in premature firing of a round.

h. Improper head spacing in machine guns may cause ruptured cartridge cases or premature firing.

i. Failure to remove muzzle cover or other muzzle obstructions may cause premature functioning of a projectile.

j. Permitting live rounds to "sit" in hot weapon chambers may result in detonations commonly known as "cookoffs."

k. Abuse or mishandling of a round at the gun position, such as striking the fuzed end of a projectile against some part of the weapon prior to or during loading, or striking the primer in a cartridge case against a protruding sharp object, will result in a premature detonation.

l. Disassembly or tampering with live rounds and/or their components can result in death, serious injury, and extensive damage to property.

5. Although investigations and reports are required when the above incidents cause death, injury, or damage, the cognizant/responsible person must be careful in evaluating the cause to ensure that ammunition is not unnecessarily suspended when a human error or weapon's mechanical failure is at fault.

6001. ACTION IN CASE OF AMMUNITION MALFUNCTION OR ACCIDENT

1. Upon occurrence of an ammunition malfunction or accident, the following action will be taken:

- a. Immediately declare a "Cease Fire."
- b. Obtain medical aid and/or arrange for evacuation of all injured personnel.
- c. Report the accident or malfunction immediately to the commanding officer.

- d. Restrict all personnel from the immediate scene of the accident except those required for treatment or evacuation of casualties.
 - e. Prevent movement of weapon(s) or ammunition involved, or any parts or fragments thereof.
 - f. Do not allow the destruction or removal of any evidence.
 - g. During working hours, retain all witnesses, except those injured, at the scene of the accident, when feasible. After working hours, obtain a list of all witnesses by name, grade, social security number and parent unit, and deliver the list to the investigating officer.
 - h. Do not police the area until authorized by the officer in charge (OIC) of the technical evaluation team.
 - i. Obtain information for the initial report as required by MCO 8025.1, and MCO P5102.1 as required.
2. The commanding officer or designated representative will;
- a. Report the accident or malfunction to the Director, Operations Division, and OIC, Ammunition Supply Point (ASP) during working hours. During nonworking hours, report the accident or malfunction to the Command Duty Officer (telephone 784-2707), and contact the OIC, ASP during the next work day.
 - b. Take action to have the effected ammunition lot withdrawn from issue and use within the unit.
 - c. Appoint an investigating officer.
 - d. Prepare and submit the initial report within 24 hours of the accident/malfunction using the format contained in MCO 8025.1, with the CG MCB (C 211) as an info addressee.
 - e. Prepare and submit the supplementary written report using the format contained in MCO 8025.1, with CG MCB (C 211) as an info addressee.
3. The Base Ordnance Officer or designated representative will:
- a. Provide a technical evaluation team to go to the scene of the accident, to conduct a technical evaluation of the ammunition/weapons involved.

b. Based on the initial report of the malfunction/accident report from the commanding officer concerned, immediately ensure that the ammunition lot involved in the malfunction/accident is suspended from further issue and use, pending instructions from higher headquarters.

c. If injury or damage to equipment is involved, immediately notify the Director, Operations Division, and the Director, Facilities Division.

d. Ensure that the initial and supplementary report of the malfunction/accident is submitted as required per MCO 8025.1.

e. Ensure that all unused suspended ammunition is inspected, tagged and returned to the OIC, ASP for proper storage, pending disposition instructions.

4. The OIC, ASP will immediately suspend the distribution of the suspect ammunition and notify all organizational commanders/activity heads who have drawn the affected munitions for return to the ASP and exchange for serviceable assets on a one-for-one basis.

6002. TECHNICAL EVALUATION TEAMS

1. A technical evaluation team will consist of the following members:

- a. Explosive Ordnance Disposal (EOD) technician.
- b. Ammunition technician.
- c. Artillery or infantry weapons repairman.
- d. Base Ordnance Officer/EOD Officer (OIC).

2. Upon notification by the Base Ordnance Officer, the technical evaluation team will proceed immediately to the scene of the accident/malfunction and present themselves to the unit's investigating officer. If the unit's investigating officer has not been appointed, the technical evaluation team will consult with the OIC.

3. The team will assist the unit's investigating officer only by performing a technical evaluation of the accident/malfunction and will also:

- a. Inform the unit's investigating officer to tag, collect, and retain nonhazardous materiel.
- b. Arrange for the disposal of hazardous material after obtaining the necessary technical information.

4. Upon completion of the technical evaluation, a report will be submitted per MCO 8025.1. The Base Ordnance Officer will review and consolidate information received and prepare reports for submission to the addressees, as directed in MCO 8025.1.

6003. DISPOSITION OF AMMUNITION INVOLVED IN ACCIDENTS OR MALFUNCTIONS

1. The Class V items (evidence) involved in accidents or malfunctions such as fragments of projectiles, cartridge cases, or components thereof, or certain broken or damaged parts of weapons, in the opinion of competent authority, retention or shipment of such material may endanger life or property.

2. Class II ordnance items which have been rendered unserviceable as a result of malfunctions of ammunition will not be repaired or disposed of for 120 days.

3. Ammunition determined by qualified personnel to be unsafe due to defects revealed prior to firing will be reported as a defect per MCO 8025.1.

6004. LESS DETAILED REPORTS

1. Enclosure (2) of MCO 8025.1C describes normal percentages of malfunctions which can be expected during training evolutions.

2. If there is no damage to personnel or equipment, an abbreviated report may be submitted.

6005. GROUND MISHAP REVIEW BOARD (GMRB). A mishap arising from a Marine Corp operation which involves explosives and results in a lost time injury or reportable property damage requires a GMRB per MCO P5102.1.

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CHAPTER 7

AMMUNITION SUSPENSION NOTICES

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CHAPTER 7

AMMUNITION SUSPENSION NOTICES

7000. ACTION UPON RECEIPT OF AMMUNITION SUSPENSION NOTICES

1. Ammunition is suspended from use by promulgation of a notice of ammunition reclassification (NAR). NARs are issued in message form by the Ships Parts Control Center, Mechanicsburg, Pennsylvania.
2. NAR's are normally issued as "priority" messages and expeditious handling is necessary. Upon receipt of a NAR during normal working hours, the Director, Communication Electronics Division will immediately distribute the message. Upon receipt, the Officer in Charge (OIC), Ammunition Supply Point (ASP) will immediately review the stock records to determine if any using units have been issued the suspended ammunition. Notification will be given immediately to the using units having custody of the subject ammunition. Return of the affected stocks to the OIC, ASP will be directed.
3. The communications center will expeditiously forward copies of any NAR received to the following:
 - a. Chief of Staff, MCB.
 - b. Director, Logistics Division, (Head, Materiel Branch/OIC, ASP).
 - c. President, Marine Corps University.
 - d. Organizational commanders.
4. Upon receipt of NAR information, activity heads will ascertain if any of the suspended ammunition is on hand and will immediately suspend its use. Activity heads will ensure that procedures are established to disseminate NAR information to subordinate commanding officers conducting exercises in the field; that lot identity of guard/security ammunition will be physically marked to prevent its use and will be returned to the OIC, ASP per Chapters 2 and 3 of this Manual.

7001. VERIFICATION OF AMMUNITION SERVICEABILITY. Ammunition shall be properly accounted for utilizing NAVMC Form 10774 (Ammunition NSN/Lot Number Record) by the activity head, as prescribed by UM 4400.15. The ASP utilizes the Ammunition Logistics Automated Computer System. All authorized activities must maintain strict accountability of all ammunition on hand and constantly verify its serviceability against the NAR messages. Unserviceable assets shall be returned to the OIC, ASP immediately, and exchanged for serviceable assets.

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7002. NAR FILE. Organizational commanders/activity heads listed in paragraph 7000.3 above will establish a NAR file, and will be responsible for disseminating ammunition suspension information to their commanding officers and activity heads.

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CHAPTER 8

DISPOSITION OF AMMUNITION AND EXPLOSIVES

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CHAPTER 8

DISPOSITION OF AMMUNITION AND EXPLOSIVES

8000. GENERAL INSTRUCTIONS

1. Disposal of duds is defined as the detection and rendering harmless, by disarming or demolition of ammunition or explosives which have failed to detonate or function as designed. The procedures employed in the disposition of duds will be per applicable explosive ordnance disposal (EOD) publications. Only personnel assigned to duty billets as EOD technicians, MOS 2305/2336, will perform these functions. All EOD operations will fall under the cognizance of the EOD Officer, Operations Division.
2. Upon completion of a firing problem or test in which artillery projectiles, mortar shells, bombs, grenades, rockets, or other types of explosive projectiles or munitions are used, safety officers will make a report of duds and probable locations to the Range Control Officer. The Range Control Officer is located at The Basic School, building 24151 (ext. 784-5321/5322).
3. Ammunition or explosives which have misfired as defined in Army Regulation 385-63, and in this Manual will be handled by individual gun crews or instructors, as appropriate.
 - a. Artillery or mortar projectiles which misfire will be removed from the weapon by the gun crew of the using unit by following the procedures in the applicable field manual.
 - b. Ammunition items which are self-contained in the launcher assembly (such as Dragons and AT4's), that experience a misfire, shall be cleared and returned to a safe condition following procedures contained in applicable field manuals.
 - c. Explosive or demolition charges which misfire will be handled by the procedures established in FM 5-25.
4. Cartridge misfires removed from weapons will be returned to the Officer in Charge, Ammunition Supply Point (ASP). If doubt exists as to whether or not the misfired item can be safely handled or transported, the EOD Officer or representative shall be notified. Bulk explosives and demolitions will be re-primed and fired in place as required in FM 5-25.
5. Findings of unexploded ammunition or explosives will be reported as indicated below:
 - a. Any suspect item discovered at a location other than a designated firing range will be left in place. The area adjacent to

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such findings by individuals on hikes, wanderings, picnics, hunting trips, etc., will be marked and the following action taken:

(1) During working hours contact the EOD Officer (ext. 784-5314/5420).

(2) During nonworking hours notify the Command Duty Officer (ext. 784-2707) and the Military Police Desk Sergeant (ext. 784-2251/2252).

(3) In all instances of finding unexploded ordnance items **(except small arms ammunition .50 Cal. and below)**, the only individual authorized to handle the item is an EOD technician.

(4) Small arms ammunition will be returned to the ASP for disposition.

b. Discovered live ammunition that apparently has been abandoned or lost will be treated the same as unexploded ordnance or duds.

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CHAPTER 9

TRANSPORTATION OF AMMUNITION AND EXPLOSIVES

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CHAPTER 9

TRANSPORTATION OF AMMUNITION AND EXPLOSIVES

9000. REGULATIONS. The following regulations are applicable to the loading, unloading, and transportation of ammunition and explosives.

1. Ammunition and explosives shall not be transported over public highways by motor vehicle except as outlined in NAVSEA OP 4461, NAVSEA OP 2239, and NAVSEA SWO20-AC-SAF-010.
2. Before any ammunition is loaded or unloaded from a motor vehicle, the engine must be turned off, the brakes set, and chock blocks placed behind the rear wheels.
3. No damaged or leaking Class V containers will be accepted for transport.
4. Vehicles loaded with ammunition or explosives will not be allowed to stand overnight, except in authorized holding areas.
5. When 2 or more vehicles are traveling together a minimum interval of 300 feet will be maintained between each vehicle.
6. Motor vehicles transporting ammunition/explosives on public highways and military reservations will not be driven at a speed in excess of 45 miles per hour, except when it would unnecessarily impede or block the normal and reasonable movement of traffic or would violate the minimum state speed requirements. Each shipment will have a minimum of one armed guard, who will remain with ordnance materiel until properly disposed or employed. Commanding officers are responsible for adequate safeguarding of ordnance materiel issued to them. Security requirements are as follows:
 - a. Basic standards for intra-station ammunition shipments within CONUS are set forth in OPNAVINST 5530.13 with additional details in NAVSEA OP 2165, Navy Transportation Safety Handbook for Hazardous Materiel, Volume I.
 - b. On-station movements of Security Risk Category I missiles shall be in vehicle(s) accompanied by a driver and an armed guard. As a minimum, one of these shall be either a commissioned officer, warrant officer, E-6, or GS-6 and above, who will have custody of the materiel. A guard is considered "armed" when he has a firearm and ammunition readily available for immediate use.
 - c. Category II (SRC) and III (SRC) ammunition items shall be transported via military vehicle accompanied by a driver and an armed guard. TOW missiles complete with launchers and explosive rounds are accompanied by an armed guard and driver with one being a commissioned officer, staff noncommissioned officer or civilian employee of equivalent grade.

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7. Vehicles containing ammunition/explosives will not be parked in a garage, in a public parking lot or under high tension electric power lines.

8. Ammunition cargos will not be transported during the hours of darkness except during an emergency or when training evolutions starting and finishing times preclude transportation during daylight.

9. Complete fueling and servicing of a vehicle will be performed prior to loading.

10. Only those explosive items which are compatible, as specified in NAVSEA OP 2165, Vol I, Figure D-1, will be carried in the same vehicle.

11. Blasting caps will not be transported in cabs of vehicles transporting other explosive items.

9001. CATEGORIES OF TRANSPORTATION AND RESPONSIBILITIES

1. Incoming or outgoing commercial vehicles, to include rail transportation of military explosives, will be coordinated by and are the responsibility of the Traffic Management Office, Logistics Division.

2. Transportation of ammunition or explosives (aboard the Base and to include up to 75 miles beyond the geographical boundaries of the Command) by military vehicles will be the responsibility of the using unit/organization.

3. Transportation of ammunition or explosives beyond the area prescribed in paragraph 9001.2 must be coordinated with the Traffic Management Officer, Logistics Division.

4. Using units are responsible for requesting and providing transportation for movement of ammunition to and from the magazine area and training sites. The user is also responsible for returning misfired ammunition, and disposition of residue (e.g., boxes, packing material, brass, links, etc.) per local regulations.

5. Drivers departing the Base must possess a DD Form 836 (Special Instructions) issued by the Base Ammunition Supply Point (ASP).

6. Under no circumstances will ammunition be transported in privately owned vehicles.

9002. EXPLOSIVE DRIVERS' QUALIFICATION

1. All drivers transporting ammunition and explosives, including MHE operators, must be certified. The training, qualifying, examining, and licensing of explosive drivers, will be per NAVSEA OP 5, Vol I, NAVSEA OP 2239, NAVSEA OP 4098, and MCCDCO 11240.2 and is the responsibility of the Head, Drivers Training Branch, Public Safety Division.

2. Requests for vehicles to transport explosives must stipulate the requirements to ensure that an appropriate vehicle with a driver, qualified to transport explosives, is dispatched.

9003. ACCEPTABLE VEHICULAR REQUIREMENTS FOR TRANSPORTATION OF EXPLOSIVES

1. A DD Form 626, Inspection Report, provides for a mechanical inspection of the truck in addition to an inspection of the cargo. An original and one copy of the DD Form 626 will be originated by the respective motor pool vehicle inspector. The cargo inspection will be performed by the ASP, who will retain a copy of the DD Form 626. The form is prepared each time a vehicle is used for transporting ammunition or explosives. It is normally issued with the trip ticket and is good for 24 hours. A new DD Form 626 is needed for each trip made to the ASP within the same day.

2. All military tactical cargo vehicles must meet vehicular specifications for transporting explosives.

3. The following additional requirements are mandatory, except as noted on specific requirements:

a. The following vehicles are authorized to transport ammunition and explosives on and off base:

- Tractor/Trailer combination
- Truck with trailer
- Truck (flatbed, stakebed, or open top)
- Pick-up trucks with hard covers (on/off base)
- Pick-up trucks with no cover (on base only)

b. Stake or open-top trucks shall have side and end members of such strength and design as to contain securely all units or parts of this cargo. The cargo shall be protected by, well secured, fire and water resistant tarpaulins. It is to be noted that ammunition cargo required to be transported under seal because of its security classification will not be carried in an open body cargo truck.

c. All electrical wiring and battery cables will be in good condition and so shielded or located as to prevent contact with the load.

d. Tires must be of the pneumatic type, in good condition and properly inflated. A spare tire must be carried outside the cargo compartment.

e. Each vehicle must have a fire extinguisher properly sealed, securely bracketed and mounted, readily accessible and easily removable for use. The fire extinguisher shall be either of a 15 pound carbon dioxide, 10 pound dry chemical (purple K) type or Coast Guard approved 9 pound Halon 1211 type.

f. Red lights will not be used on the front or top of any explosive carrying vehicle.

g. Running lights or reflectors, headlights, tailbrake and signal lights will be clean, adjusted, and in operating condition.

h. Sufficient dunnage will be used to protect the load from exposed metal surfaces and protruding metal parts. Loads will be stayed and braced to prevent movement.

i. A minimum of three red portable night warning lights or reflectors and/or red flares will be available to the driver in each vehicle.

j. Each vehicle will have a flame arrestor to protect the load from the exhaust. In the absence of an approved flame arrestor, a standard muffler in good operating condition will suffice.

9004. EXTERIOR MARKINGS ON VEHICLES. A motor vehicle transporting and/or containing explosive or dangerous articles shall display, at all times, markings or placards as follows:

1. Appropriate signs will be displayed on the front, rear, and each side of every vehicle and trailer.
2. Placards will conform to the prescribed international standards.
3. When explosives Class "A" and explosives Class "B" are loaded on the same vehicle, only class "A" signs are required.
4. Procurement of explosive signs will be the responsibility of the user.

9005. DRIVERS' RESPONSIBILITIES

1. It shall be the duty of each driver assigned to transport ammunition and explosives, to follow all instructions as stated in

this Manual and NAVSEA OP 2239. In addition, drivers are required to have NAVSEA OP 2239 in their possession while transporting ammunition or explosives.

2. The driver shall be responsible for the safe and efficient transportation of the shipment of ammunition, explosives or other dangerous articles, except in operations where relieved of the responsibility by the officer or noncommissioned officer in charge of the operation.

3. The driver shall inspect the vehicle at least once each day and always just prior to the loading of cargo. The results of this inspection shall be reported on NAVMC Form 10627, Vehicle and Equipment Operational Record (Administrative and Tactical Motor Vehicles). The driver shall have the right to refuse the truck when, in the driver's opinion, the vehicle and/or load is in an unsafe condition.

4. When vehicles transporting ammunition or explosives reach their destination after travel over public highways, the destination side of the DD Form 626 must be completed. Only items 1, 8, 10, 11, 12, 17, 19, and 22 shall be checked at the receiving point. The provisions of this paragraph may be waived when all travel performed has been within the confines of this Base.

9006. PARKING OF EXPLOSIVE-LADEN MOTOR VEHICLES

1. Commanders of Naval installations are authorized by NAVSEA OP 2165 to grant "refuge" or "safe haven" to military and military sponsored shipments of explosives, hazardous materiel and sensitive materiel at the request of the carrier or agent, when such materiel is endangered by civil disturbance or natural disaster. Safe haven may also be granted to nonmilitary shipments of such materiel when it is requested by local civil police authority. NAVSEA OP 2165, Vol I includes the requirements for enacting procedures for receipt and handling of explosive-laden commercial vehicles on a 24-hour basis. Security and refuge will be provided per the provisions of NAVSEA Op 5, Vol I, which governs the storage of munitions at Naval establishments.

2. MCO P4600.14 promulgates information to authorized shippers and carriers pertaining to Base facilities which include the following:

- a. The location of ammunition storage areas.

- b. Normal receiving hours.
 - c. Availability of overnight parking.
 - d. Listing of appropriate telephone numbers for inquiries at various military bases capable of receiving and storing explosive, hazardous, or other sensitive materials.
3. When explosive-laden vehicles arrive at this Command with terminal loads or seeking refuge, the Commanding Officer, Security Battalion will:
- a. Direct or escort vehicle to the ASP.
 - b. Notify the OIC, ASP, of the pending arrival of the vehicle.
 - c. Not allow vehicles carrying Class "A" or "B" explosives entry to mainside, with the exception of small loads of ammunition from the ASP in support of the Marine Corps Air Facility and Officer Candidates School. These shipments will proceed directly to their destination by the safest route possible.
 - d. Ensure that carriers of subject shipments originated at this Base are advised of the explosives parking area available to them to preclude parking the explosive-laden vehicle in an unauthorized area prior to departure.
 - e. Ensure that drivers of explosive-laden vehicles granted "safe haven" parking are advised that the refuge is of a temporary nature and that their vehicles should be removed as soon as practical and safe.

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CHAPTER 10

PRECAUTIONS AND GUIDANCE IN THE FIRING OF
BLANK AMMUNITION IN INFANTRY WEAPONS

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CHAPTER 10

PRECAUTIONS AND GUIDANCE IN THE FIRING OF
BLANK AMMUNITION IN INFANTRY WEAPONS

10000. PRECAUTIONS IN FIRING

1. TM-9-1005-223-20, TM-9-1005-249-12, TI-05538A-15/7, and TI-1005-15/2A, provide descriptions of all blank firing attachments and instructions relating to certain parts, installation, removal, care, cleaning, and inspection procedures.

a. Live ammunition must not be used in weapons while a blank firing attachment is in place.

b. The cartridges and links should be free of sand, mud, moisture, frost, snow, ice, rust, grease, or any other foreign matter before being fed into the weapon.

c. Ammunition which is corroded should not be fired.

d. Brass cartridge cases are easily dented and should be protected from hard knocks or blows. Dented cartridge cases may cause incomplete obturation, jamming in the chamber, and difficulty in extraction.

e. Cartridges which have been damaged should not be used.

f. Before firing, blank cartridges should be visually inspected for evidence of any foreign matter within the cartridge case mouth. Any foreign matter therein would be expelled as a projectile in firing.

g. Blank cartridges should not be fired at a representative enemy at a distance less than 20 meters as the disk may fail to break up. The intact disk and/or unburned propellant grains may cause injury within this distance.

h. Ammunition should not be fired unless it has been identified by ammunition lot number and condition code.

i. If an interruption occurs during firing, and a cartridge is in the chamber of a hot weapon, the cartridges should be removed promptly to prevent the possibility of a cookoff.

j. Unauthorized modification of the propellant charge or disk of a blank cartridge will result in severe damage to the weapon and severe injury to the individual firing the weapon.

k. Misfires, hangfires, and cookoffs are fully described in Army Regulations 385-63, which also lists instructions for their safe handling.

2. Serviceability Standards. There is no requirement for infantry weapons of this Base to be specifically designated for blank firing only. Weapons used on blank firing missions (except for M60 barrels) will meet the serviceability standards established by TM-9-1005-224-12, for small arms materiel in the hands of troops.

3. Commanding officers will:

a. Identify all blank firing barrels (unserviceable) for the M60 machinegun by uniformly marking them with a two inch wide, white paint stripe, around the barrel at a point directly behind the front sight base per Army Regulation 385-63.

b. Report with the instructions contained herein and in MCO 8025.1.

c. Comply with the instructions contained herein and in MCO 8025.1, TM-9-1005-223-20, TM-9-1005-249-12, TI-05538A-15/7, TI-1005-15/2A, and TM-9-1005-224-12, as appropriate, in conducting blank firing exercises.

4. Regulations applicable to safety procedures for the firing of ammunition and explosives are contained in MCCDCO P1500.1. In situations not covered by these regulations, or when there is doubt pertaining to proper procedures, activities will be halted and the technical assistance of the Base Ordnance Officer will be requested.

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CHAPTER 11

ORDNANCE SAFETY INSPECTIONS

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CHAPTER 11

ORDNANCE SAFETY INSPECTIONS

11000. GENERAL. The success of any safety program is the responsibility of all personnel. To assist the commanding officer, a unit safety officer should be designated by name to coordinate and manage the unit safety program.

1. Safety Inspections. The Base Ordnance Officer will conduct a periodic unannounced ordnance safety inspection of all training areas and facilities. Technical assistance or advice will be given when a violation of the order is discovered. The Base Ordnance Officer will submit a letter of findings to the CG MCB.

2. Accident Reporting/Investigations. Each accident indicates failure of an individual, a machine or an environmental condition. In order to accumulate accurate information, it is essential that the accident investigation go beyond the superficial causes. The investigator should try and determine why and how the accident occurred.

3. Responsibility

a. Commanding officers are responsible for prompt initiation of accident investigation and reporting. The immediate officer in charge or noncommissioned officer in charge should make the initial investigation and gather all pertinent facts. Figures 11-1 and 11-2 are provided to assist in preparation for inspections and to maintain a safe and effective environment for ammunition and explosives.

b. Major accidents involving Marine Corps personnel resulting in serious injury or death, or costly damage to equipment or facilities require formal immediate investigation and reporting.

4. Guidelines for Accident Reporting and Investigating

- a. Get to the accident scene promptly.
- b. Interview the injured, if possible.
- c. Interview all witnesses.
- d. Obtain physical evidence.
- e. List other evidence.
- f. Record all data correctly.

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	<u>Yes</u>	<u>No</u>
1. Is ammunition being stored in unauthorized storage areas on the firing ranges?	_____	_____
2. Are the primary instructors inspecting the condition of the ammunition prior to being unloaded from the ammunition vehicles?	_____	_____
3. Are the primary instructors supervising the proper handling and issue of ammunition?	_____	_____
4. Are the primary instructors checking the unused ammunition to ensure proper loading and repacking, and signing a chit of serviceability prior to returning to the Officer in Charge, Ammunition Supply Point?	_____	_____
5. Are training areas properly policed of duds by ordnance disposal personnel?	_____	_____
6. Is fire fighting equipment available?	_____	_____
7. Is first aid equipment on hand in case of an emergency?	_____	_____
8. Has a proper limited technical inspection and test firing been conducted on all weapons utilized for a particular problem?	_____	_____
9. Is there a range safety officer available?	_____	_____
10. Are range flags available to designate firing in progress?	_____	_____
11. Are ammunition explosive signs properly displayed on all trucks transporting ammunition.	_____	_____
12. Whenever firing is in progress, is smoking prohibited?	_____	_____
13. Is the ammunition driver carrying a valid ammunition driver's license?	_____	_____
14. Is the ammunition vehicle equipped with the minimum fire extinguisher capability?	_____	_____
15. Are HERO ECON procedures being enforced?	_____	_____
16. Are HERO separation distances enforced?	_____	_____

Figure 11-1.--Ordnance Safety Inspection Checklist
(Training Areas).

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17. Are RADHAZ advisory signs posted at temporary ordnance storage sites on ranges? _____
18. Is all communication equipment properly labeled with RADHAZ cautionary labels? _____

Figure 11-1.--Ordnance Safety Inspection Checklist
(Training Areas)--Continued.

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Yes No

1. General

a. Publications

(1) Are publications required for proper storage, issue, and suspension of Class V(W) materiel on hand?

- | | | |
|-------------------------------------|-----|-----|
| (a) NAVSEA OP 5, Vol I. | ___ | ___ |
| (b) TWO10-AA-ORD-030. | ___ | ___ |
| (c) TWO24-AA-ORD-010 and all NAR's. | ___ | ___ |
| (d) NAVSEA OP 2239. | ___ | ___ |
| (e) SI-1300-15/2B. | ___ | ___ |
| (f) MCO P8011.4H. | ___ | ___ |
| (g) MCO 8020.1F. | ___ | ___ |
| (h) MCO 8025.1C. | ___ | ___ |
| (i) MCCDCO 8011.1B. | ___ | ___ |
| (j) Local SOP. | ___ | ___ |

(2) List pertinent publications not on hand or immediately available.

(3) Are changes to publications properly made? ___ ___

(4) Are suspended or obsolete publications on hand? ___ ___

b. Personnel

(1) Are there sufficient number of ammunition personnel assigned to properly perform the mission? ___ ___

Figure 11-2.--Ammunition Supply Point Inspection Checklist.

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(2) List below all shortages of personnel:

	<u>Yes</u>	<u>No</u>
c. <u>Roads and Grounds</u>		
(1) Are all roads in the Ammunition Supply Point paved and in good condition?	___	___
(2) Are all drainage ditches and culverts clean and free of dirt, leaves, and other debris?	___	___
(3) Are all fire breaks clear of all grass and brush, and of a 50-foot width?	___	___
(4) Are all fire fighting equipment sheds and first aid stations properly marked and equipped?	___	___
(5) Are gates and fences inspected regularly for breaks and holes?	___	___
(6) Are outside boundaries clearly posted?	___	___
2. <u>Technical</u>		
a. Are the provisions of NAVSEA OP 5, VOL I, being complied with?	___	___
b. Is there any ammunition being stored which does not comply with the SWO20-AC-SAF-10,20,30?	___	___
c. Do all magazines meet the requirements of the quantity distance tables as published in NAVSEA OP 5, VOL I?	___	___
d. Have all storage facilities been approved by the Commander, Naval Sea Systems Command and the Commandant of the Marine Corps?	___	___
e. Are all waivers and exemptions required for storage on file and up to date?	___	___

Figure 11-2.--Ammunition Supply Point Inspection
Checklist--Continued.

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	<u>Yes</u>	<u>No</u>
f. Are all magazines properly marked and identified?	___	___
g. Is smoking forbidden in the Ammunition Supply Point and is such information posted?	___	___
h. Are ammunition items stacked and stored in a manner that assures stability within magazines?	___	___
i. Are all ammunition items properly identified by lot number, nomenclature, and Department of Defense identification codes?	___	___
j. Are all items properly packaged within the magazine area?	___	___
k. Are all temporary stow or unit stocks properly marked with unit identification, quantity, and lot numbers?	___	___
l. Is a system being used that issues older stocks before newer ones?	___	___
m. Is a log of suspended or restricted lot numbers being maintained?	___	___
n. Is suspended ammunition properly marked to ensure against being erroneously issued?	___	___
o. Has all excess dunnage, strapping, trash, and debris been removed from magazines and the storage area?	___	___
p. Are all doors and ventilators grounded to the secondary lightning protection systems?	___	___
q. Is there a current file of test results of the primary and secondary lightning protection systems?	___	___
r. Are all magazines posted with the explosive limits, safety regulations, and fire fighting regulations?	___	___
s. Are all Notices of Ammunition Reclassification kept on file and used with the TWO24-AA-ORD-010?	___	___

Figure 11-2.--Ammunition Supply Point Inspection
Checklist--Continued.