

**BY ORDER OF THE COMMANDER**  
**502 ABW (AETC)**



**JOINT BASE SAN ANTONIO**  
**INSTRUCTION**

**91-001**

**5 AUGUST 2025**

**SAFETY**

**EXPLOSIVES SAFETY MANAGEMENT**  
**PROGRAM**

**COMPLIANCE WITH THIS PUBLICATION IS MANDATORY**

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(Mr. Timothy Terry L. Todd)

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This instruction implements Air Force Policy Directive 91-2, *Safety Programs*, and is used in conjunction with AFI 91-202, *USAF Mishap Prevention Program*, and DESR 6055.09\_Air Force Manual (AFMAN) 91-201, *Defense Explosive Safety Regulation\_USAF Explosive Safety Standards*. This program complies with requirements set forth in Department of Defense (DOD) Directive (DoDD) 6055.9E, *Explosives Safety Management*, Department of Defense Instruction (DODI) 6055.16, *Explosives Safety Management Program*, Army Regulation (AR) 385-10, *The Army Safety and Occupational Health Program*, Department of the Army (DA) Pamphlet (Pam) (DA PAM) 385-64, *Ammunition and Explosives Safety Standards*. Weapons Safety and Explosive Safety terminology used throughout this publication are synonymous. This publication applies to all units, including Reserve and National Guard, on Joint Base San Antonio (JBSA) involved in explosives operations. This instruction identifies responsibilities for program management in accordance with AR 385-10 and augments weapons safety responsibilities detailed in AFI 91-202. It incorporates joint base procedures to manage an installation level explosive safety program using wing, brigade, group, and battalion level safety managers. Compliance hierarchy will be in accordance with the Installation Support Memorandum of Agreement (MOA) for Joint Base San Antonio, Memorandum of Understanding (MOU), or active Interservice Support Agreement (ISSA) with the base. The host service component (Air Force) safety requirements will be followed if no MOA/MOU or ISSA explosive specific language is present. In addition, service specific safety regulations will also apply to JBSA organizations with an Ammunition and Explosives (A&E) mission. Ensure all records generated as a result of processes prescribed in this

publication adhere to AFI 33-322, *Records Management and Information Governance Program*, and are disposed in accordance with the Air Force Records Disposition Schedule, which is located in the Air Force Records Information Management System. Refer recommended changes and questions about this publication to the office of primary responsibility (OPR) using the DAF Form 847, *Recommendation for Change of Publication*; route DAF Forms 847 from the field through the appropriate functional chain of command. This publication may not be supplemented or further implemented or extended. The use of the name or mark of any specific manufacturer, commercial product, commodity, or service in this publication does not imply endorsement by the Department of the Air Force.

## 1. Overview.

### 1.1. The provisions of this instruction apply:

1.1.1. Whenever any explosives, propellant, or similar Hazard Class 1 energetic materials or other ammunition items in Classes 2 through 9 are present on JBSA or are in the custody and control of JBSA assigned civilian or military personnel.

1.1.2. To all units, organizations, activities, and tenants that have operations and activities involving the handling, storage, shipping, receiving and/or disposal of A&E on JBSA.

1.1.3. Exceptions include:

1.1.3.1. All A&E activities (Storage/Operations) conducted within the confines of, or under the control of, the Camp Stanley Storage Activity (CSSA).

1.1.3.2. All A&E activities (Storage/Operations) on JBSA Fort Sam Houston, Camp Bullis, and the Chapman Training Annex Munitions Storage Area (MSA), conducted by 407<sup>th</sup> Army Field Support Battalion (AFSB) and/or CSSA assigned personnel.

1.1.3.3. Under the situations listed in 1.1.3.1. and 1.1.3.2. above, those organizations/personnel should follow applicable DoD and US Army regulations/directives.

1.2. **Throughout this instruction, A&E will mean not only conventional ammunition but also nonstandard A&E, chemical agent A&E, ordnance, and explosives clean-up operations when and where appropriate.**

1.3. **Allow, unless prohibited by law or regulation, the delegation of authority to others to conduct duties as deemed appropriate in accordance with (IAW) Service Component Command Procedures & Standards (SCCP&S).**

**2. Roles and Responsibility.** All units with explosives operations and units responsible for A&E in Air Force-owned facilities on JBSA will follow the provisions found in this publication. Within the context of this instruction some elements are uniquely the responsibility of the mission partner services and some may not apply to all units. The 502d Air Base Wing (ABW) Safety (502 ABW/SE) office is defined as the Installation Safety Office (ISO).

### 2.1. The JBSA and 502 ABW Commander (502 ABW/CC) will:

2.1.1. Develop, publish, and enforce an Explosives Safety Management Program (ESMP).

### 2.2. The 502 ABW Director/Chief of Safety (502 ABW/SE) will:

2.2.1. Monitor, assess, and report installation compliance with DOD and service directives, and explosive safety program plans.

2.2.2. Have direct and unrestricted access to report to, advise and coordinate as needed directly with the 502 ABW Commander on safety issues concerning A&E.

**2.3. The 502 ABW Weapons Safety office (502 ABW/SEW) will:**

2.3.1. Assist the 502 ABW Commander in the development and implementation of the Installation explosive safety management program.

2.3.2. Manage the JBSA Explosive Safety program IAW DoDI 6055.16, AFI 91-202, and DESR 6055.09\_AFMAN 91-201.

**2.4. JBSA Mission Partner and Tenant Units:**

2.4.1. In accordance with (IAW) DA PAM 385-64, Army commands (ACOMs), Army service component commands (ASCCs), direct reporting units (DRUs) on JBSA will develop, implement, and manage a written explosives safety management program (ESMP) as an element of their overall safety and occupational health program.

2.4.1.1. Commanders, at all levels, will establish and implement a written ESMP that, at a minimum, shall address the following:

2.4.1.1.1. Not Used

2.4.1.1.2. Appointment of an occupational safety and health manager per AR 385–10, qualified under the Office of Personnel Management standards, as the point of contact for all aspects of the Army Safety Program, including management of the ESMP.

2.4.1.1.3. Compliance with DODD 6055.9E, DODI 6055.16, DESR 6055.09, AR 385–10, and this instruction.

2.4.1.1.4. Assurance that subordinate organizations maintain an effective ESMP.

2.4.1.1.5. Designation, in writing, of subordinate officials authorized to exercise Certificate of Risk Acceptance (CORA) approval authority per AR 385–10 and DA PAM 385–30, *Risk Management*.

2.4.1.1.6. Review of and concurrence on memorandums of agreement (MOAs) concerning the storage or disposal of non-DOD hazardous materials on Army Real Property, consistent with the requirements of TITLE 10 U.S.C. 2692–*Storage, Treatment, and Disposal of Nondefense Toxic and Hazardous Materials*, and with any delegation of authority necessary under 10 USC 2692.

2.4.1.1.7. Integration of explosives safety into policy, procedures, and activities.

2.4.2. All units, at and above the squadron/battalion level whose mission and functions involve AE, will develop, implement, and manage a written ESMP as an element of their overall safety and occupational health program.

2.4.3. ESMPs will address the safety of A&E during production, transportation, storage, handling, use, inspection, testing, maintenance, munition response actions, demilitarization, and Disposal when applicable.

2.4.4. Mission Partner Unit commanders at flight/company level, or directors of Mission Partner organizations located on JBSA with an A&E mission, will establish and implement written operating instructions (OIs) or other locally written instructions that comply with applicable parent service requirements and this instruction. Air Force units will adhere to publishing guidance and requirements contained in DAFMAN 90-161, *Publishing Processes and Procedures*.

2.4.4.1. Provide current copies of each unit ESMP/OI/Other locally written instructions to the 502 ABW/SEW.

2.4.5. Appoint, in writing, Primary and Alternate individuals to serve as their Additional Duty Weapons Safety Representative (ADWSR).

2.4.5.1. Provide a copy of the ADWSR appointment letter to the 502 ABW/SEW.

2.4.5.2. These ADWSRs will be trained by the 502 ABW/SEW within 30 days of appointment IAW AFI 91-201.

2.4.6. Have a documented agreement (MOA/MOU or ISSA) with the Installation Commander related to explosive safety management and mishap prevention.

2.4.6.1. Any unique or unusual explosive operation not covered by DoDI 6055.16, AFMAN 91-201 or DA Pam 385-64 will be documented in the agreement and brought to the attention of the 502 ABW/SEW.

2.4.7. Ammunition Warrant Officers, Ammunition Officers, Installation Ammunition Managers, and Quality Assurance Specialist Ammunition Surveillance (QASAS) will have an integral component of the ESMP and will provide support to the organization safety offices as well as leadership to tactical units.

2.4.8. Additional Duty Weapons Safety Representatives (ADWSRS) shall:

2.4.8.1. Advise the commander on safety matters, including latent conditions, which are deficiencies within the organization or supervision negatively affecting job performance, hazards, or mishap outcome.

2.4.8.2. Conduct and document, at a minimum, monthly spot inspections in conjunction with facility managers when possible.

2.4.8.3. Assist unit personnel with mishap reporting requirements.

2.4.8.4. Assist unit commander and supervisors in mishap investigation when required to include Occupational Safety and Health Act's (OSHA) Rapid Response Report.

2.4.8.5. Assist supervisors who develop Job Safety Training Outlines and Job Hazard Analysis.

2.4.8.6. Conduct and document safety briefings and provide unit personnel with educational safety materials.

2.4.8.7. Assist the unit commander and supervisors with hazard abatement processes.

2.4.8.8. Facilitate the inspection and assessment process for their unit and accompany safety office personnel on the formal inspection and assessment.

**3. Weapons Safety Program Requirements.** Units at and above squadron/battalion level with an explosives, missile or nuclear mission must have a weapons safety program IAW AFI 91-202/DA PAM 385-64.

**3.1. The unit weapons safety program must include a hard copy or centrally accessible electronic continuity binder.**

3.1.1. The binder will follow service directed guidance and contain at least the following: ADWSR or Explosive Safety Officers appointment letter, Explosive Safety Training Certificates, copies of Department of Defense Explosives Safety Board (DDESB) approved A&E site plans and 502 ABW/SEW issued A&E Explosive Facility Licenses.

3.1.1.1. Air Education Training Command (AETC) units will follow the tabbing instructions and formatting as outlined within AFI 91-202, AETC Sup.

3.1.1.2. JBSA Mission Partner units may utilize a parent service standardized continuity binder as a central point of record for subordinate unit weapon safety programs. The approval to cross-reference program binder contents and records to the higher unit must be endorsed by Weapons Safety Manager (WSM), ADWSR, or Explosive Safety Officer responsible for maintaining the master binder.

3.1.2. The continuity binder will be maintained by the unit weapons safety manager, ADWSRs, or Explosives Safety Officers and maintained in inspection order; be available for review at any time. Additionally, binders at all levels will be reviewed at least annually by the 502 ABW/SEW during the scheduled program assessment.

**3.2. Each unit with an A&E mission, will develop a tailored explosive safety training course for their explosive environment.** The explosive safety training course must address explosive hazards associated with the explosives specific to the unit's mission and must be coordinated through the 502 ABW/SEW.

**3.3. The A&E Amnesty Program is a US Army program intended to ensure maximum recovery of military A&E items outside the supply system.** It is not intended to circumvent normal turn-in procedures. Commanders of Army units that use/expend ammunition or explosives will develop an amnesty program that supports the MACOM A&E Amnesty Program.

3.3.1. Units requiring Fire Department or Explosive Ordnance Disposal (EOD) support for this program are advised to contact the 502d Civil Engineer Squadron (502 CES) to ensure they have a clear understanding of emergency response procedures.

**4. General Weapons Safety Requirements.** Mission Partners on JBSA will take every step possible to ensure mishaps are reported, compensatory measures are established and followed, mishap prevention measures are taken, and that facilities which store A&E are maintained IAW this instruction and all applicable referenced regulations.

**4.1. All A&E mishaps and misfires will be analyzed, investigated, and reported in accordance with service specific mishap investigation regulations.**

**4.2. Compensatory measures are used in the risk assessment process by commanders to minimize risks associated with A&E operations while ensuring completion of the mission.** This commander directed control is often needed to meet required safety standards in efforts to eliminate violations, exceptions, or deviations. Unit commanders will implement

compensatory measures into a local instruction to ensure compliance IAW DoDI 6055.16, DESR 6055.09\_AFMAN 91-201, DA PAM 385-64.

**4.3. All organizations with an A&E mission will be aware of, and take precautions with, any Hazards of Electromagnetic Radiation to Ordnance (HERO) munitions.** Units with an A&E mission will use the 502 CES Tab E-12, *Explosives Safety Quantity Distance Map*, to maintain safe distances from existing HERO susceptible and HERO unsafe electromagnetic radiation zones.

**4.4. JBSA Location specific Civil Engineer Squadron (CES) Electrical shops shall ensure Lightning Protection System (LPS) electrical tests, bonding, grounding point readings and visual inspections are conducted in accordance with AFI 32-1065, *Grounding & Electrical Systems*.** Test and inspection records for the past six inspections cycles will be maintained by the testing agency and organization having an A&E mission (organization using the facility). Organizations having an A&E mission are responsible for providing a copy of the electrical testing documentation to the Installation Safety Office for review or audit, when requested.

**4.5. Units that manage A&E storage facilities will perform a function test and fusible link inspection of the magazine ventilation system at a minimum semi-annually IAW DESR 6055.09\_AFMAN 91-201.**

**4.6. Units requiring “Statement of Construction” reports (DA requirement every 5 years/AF one-time requirement) for their A&E storage facility shall contact the 502d Civil Engineer Group (502 CEG) and submit a work-order requesting an updated report.**

**4.7. Processes for Life Cycle Management and Surveillance of A&E differ between the different service components on JBSA.**

4.7.1. US Army units on JBSA will contact their applicable Quality Assurance Specialist Ammunition Surveillance (QASAS) personnel for A&E specific support.

4.7.2. US Air Force units on JBSA will contact their applicable Munitions Accountable Systems Officer (MASO) for A&E specific support.

4.7.3. US Navy units on JBSA will contact the 502d Logistics Readiness Squadron Munitions Management Flight on JBSA Chapman Training Annex for A&E specific support.

4.7.4. US Marine Corps units will contact the Fort Sam Houston Ammunition Supply Point (ASP) office for Life Cycle Management and Surveillance support conducted by QASAS personnel assigned.

**5. Training and Certification.** Commanders or directors will ensure all personnel who are involved in A&E operations, receive explosives safety training prior to conducting an A&E involved tasks.

**5.1. All personnel, who conduct A&E-related activities, must have completed initial explosive safety training appropriate for their activities and periodic refresher training as mandated in accordance with service policy.** Task qualification training will be completed as required by service policy and training standards.

**5.2. Active Duty, National Guard, and Reserve service members working within the scope of their Air Force Specialty Code (AFSC)/Military Occupational Specialty (MOS) Code require specific task training when performing A&E duties IAW Army Technical Publication (ATP) 4-35. 1, *Ammunition and Explosives Handler Safety Techniques*.** AFSC/MOS managers and career leaders determine which of those explosives related tasks require task certification by a certifying official. Department of Army Civilians operating within the Ammunition Career Path (CP-33) are considered as task trained/certified.

**6. Explosive Site Plan (ESP) and Ammunition & Explosive Storage Licensing.** The 502 ABW/SEW, in coordination with CES, fire, health, security, and environmental agencies, is responsible for performing explosives site planning.

**6.1. All ESP requests require a valid 502d Civil Engineer Squadron project number and the signature of the commander of the submitting organization and forwarded through the applicable unit safety representatives to the 502 ABW/SEW for further review, development, and processing.**

**6.2. To support site plan preparation and facilitate efficient review at all levels, the ESP will be prepared in accordance with DoD guidance listed in Department of Defense Explosives Safety Board (DDESB) Technical Paper 26 and explosives site planning procedures detailed in DESR 6055.09\_AFMAN 91-201.**

**6.3. All Explosive Facility License (EFL) requests must be submitted to the 502 ABW/SEW. 6.3.1. 502 ABW/SEW shall ensure coordination through:**

**6.3.1. Not Used**

6.3.1.1. Munitions Accountable Systems Officer (MASO) or the JBSA Fort Sam Houston/Army Support Activity (ASA) Ammunition Manager.

6.3.1.2. Security Forces Resource Protection/Physical Security office.

6.3.1.3. Applicable CES Fire Prevention office.

6.3.1.4. QASAS personnel as applicable.

6.3.1.5. Coordination must be accomplished prior to the 502 ABW/SEW issuing the EFL.

6.3.2. An A&E Explosive Facility License will be issued by the Installation Safety Office using Air Force A&E licensing procedures detailed in DESR 6055.09\_AFMAN 91-201 and applicable criteria found in DA PAM 385-64.

6.3.3. The 502 ABW/SEW will issue all EFLs on AF Form 2047, *Explosive Facility License*.

6.3.4. Where additional tasks required by the unit's parent component regulation must be accomplished for an EFL to be issued, the requesting unit must comply with that service component's specific requirements in addition to all JBSA requirements.

6.3.5. The organization having the A&E mission is responsible to retain official documentation of the approved site plan and/or license. The Installation Safety Office will maintain a copy of the approved site plan and all licenses for master planning purposes.

6.3.6. Issued EFLs shall be posted within the Arms Room/Armory/Etc. and be visible for all who enter that space.

6.3.7. Facilities that do not meet A&E safety standards will not be licensed unless a waiver, exemption, or Certificate of Compelling Reason (CCR) is on file with both the organization having the A&E mission and the 502 ABW/SEW Office.

**6.4. A&E will not be stored at any location, which does not have a valid approved explosives license or DDESB approved explosive site plan.** This requirement does not apply to USAF A&E locations exempted from licensing or situations not requiring explosives site plans as described in DESR 6055.09\_AFMAN 91-201.

**7. Weapons Safety Inspection Program.** Safety representatives at all levels are the Commander's advisor on safety matters and have the authority to coordinate across functional and organizational boundaries to identify and resolve issues. The Installation safety staff has the authority to inspect any facility at any time on JBSA.

**7.1. Safety program evaluations, assessments and inspections help identify hazards and measure compliance with applicable safety guidance and standards.**

**7.2. The 502 ABW/SEW will conduct annual weapons safety assessments/inspections on all units with a current Explosives Facility License and/or DDESB approved ESP.**

7.2.1. A 30-day notification shall be provided to all units being assessed.

7.2.2. Unit commanders may request an inbrief, however this is not a requirement.

7.2.3. Reports of these assessments/inspections shall be provided to the unit commander NLT 15 days after the mandatory outbrief.

7.2.4. Corrective actions will be recommended for each finding.

**7.3. Mission Partner units with an A&E mission will conduct and document an annual internal review of their ESMP.** The review will be conducted by competent personnel who understand the risks, standards, procedures, and precautions that apply to their tasks. Reviews include ensuring explosive safety training and certification is completed to levels required by service standards for assigned duty positions.

**7.4. The results of external inspections, evaluations, audits, and surveillance efforts (Headquarters (HQ), Inspector General (IG), technical assistance, DDESB survey or program evaluation) will be incorporated into action plans, lessons learned and will be tracked to remediate inspection deficiencies.**

7.4.1. Inspection records will be provided to the 502 ABW/SEW Office within 30 days of the conclusion of the inspection and again once the corrective actions have been closed (completed). 7.4.2. These closed reports will be maintained by the 502 ABW/SEW Office.

**7.5. Spot inspections are conducted by unit safety personnel or the ADWSR on a "no-notice basis".** Spot inspections are an in-house tool for the ADWSR/Explosive Safety Officer to instill day-to-day safety awareness.

7.5.1. These inspections are conducted using parent service requirements.

7.5.2. ADWSRs, Explosive Safety Officers, and Unit Safety Representatives should observe personnel handling, transporting, maintaining, operating, or storing explosive and missiles.

**8. Explosives Safety Issuances.** Periodically, clarifications and amendments to policy are disseminated by various A&E proponent agencies. These can take the form of interim guidance in memo format from the proponent, rapid action revisions that do not change the promulgation date, and other sources such as the USATCES Explosives Safety Bulletin, Air Force Safety Center (AFSEC) Weapon Safety Division (SEW) (AFSEC/SEW) messages, or Air Force Safety Automated System (AFSAS) notifications.

**8.1. When a conflict exists between any explosive's safety issuance associated with the applicable AFMANs, AFIs, ARs or DA PAMs, the safety issuance will be followed.**

**8.2. All Installation A&E policies will comply with DoD and applicable service requirements and will be reviewed by 502 ABW/SEW personnel prior to approval.**

**9. Risk Management.** The principles of risk management will be applied to all A&E operations.

**9.1. Unit risk-based approval levels will follow service specific guidance.**

**9.2. Risk management training in accordance with service standards is a mandatory requirement for those responsible for the development or review of deviations, exceptions and risk assessments.**

**9.3. In the event service specific explosives safety standards cannot be met for A&E operations, a written risk assessment will be completed, and an exception executed compliant with specific service directives or DoDI 6055.16, coordinated through the 502 ABW/SEW prior to being signed by the proper risk acceptance authority based on the acceptance level required for the event.**

**10. Records Management.** All A&E compliance related records (OIs, DDESB issued site plans, locally issued explosive licenses) must be retained by the organization having an A&E mission and reviewed as required by ISO and per service records management procedures.

**10.1. Records will be made available for review during 502 ABW/SEW and higher headquarters program evaluations.**

**11. Civilians.** Service department civilians working with A&E on JBSA will comply with this instruction, host and owning service safety manuals, explosive safety issuances, Mishap Prevention Programs, the Occupational Safety and Health Act (OSHA), Occupational Health Programs, work practices, Operating Instructions (OI), and other locally written instructions at all levels.

**12. Contractors.** The contracting officer provides appropriate portions of DoD 4145.26-M, DoD Contractors Safety Manual for Ammunition and Explosives, to the contractor.

**12.1. In addition to Defense Federal Acquisition Regulation Supplement (DFARS) requirements, all A&E contracts will stipulate compliance with A&E safety requirements, accident-reporting provisions and develop an ESMP as required by DoDI 6055.16, DA PAM 385-10, DA Pam 385-64.**

**13. Ranges.** Range Management Authority, Army Support Activity (ASA), is designated as the Senior Commander's representative for Command and Control (C2) for range and test areas on

JBSA Fort Sam Houston and Camp Bullis. Any military forces to include Army National Guard and Army Reserves desiring training on Army ranges should coordinate and schedule through the ASA Range Control.

**14. Demilitarization and Destruction.** Organizations, with the exception of the 902 CES Explosive Ordnance Disposal (902 CES/EOD), **WILL NOT** perform any missions involving demilitarization or destruction of ammunition, explosives, propellants, reclamation, Open Burning/Open Detonation (OB/OD), or by any other incineration methods.

14.1. **All locally written instructions or OIs involving A&E, to include demilitarization operations that deviate from published technical standards, will be initially reviewed by the 502 ABW/SEW and annually thereafter during the unit safety inspection.** These OIs will adhere to publishing guidance and requirements contained in DAFMAN 90-161, *Publishing Processes and Procedures*.

**15. Emergency Response/Mishap Investigation.** In order to respond effectively to an emergency at an A&E storage/operating facility, fire department or emergency responders must know the highest explosive and chemical hazard in each facility, therefore the following actions are required IAW DOD 6055.09-M, DESR 6055.09\_AFMAN 91-201, & DA PAM 385-64:

15.1. **All organizations located on JBSA with an A&E mission will notify the fire department when there is a change of fire or chemical hazard symbols and appropriately post the proper fire and chemical hazard symbols on the exterior of the explosives-facility, unless exempted.**

15.1.1. Units seeking exemption must coordinate through the 502 ABW/SEW.

15.2. **Army Accident Investigation teams will be coordinated through regional Safety Office.** All Army accidents meeting Class A or Class B criteria, as designated by AR 385-10, will be led by a board from the United States Army Technical Center for Explosive Safety (USATCES) or the United States Army Combat Readiness Center (USACRC), unless delegated.

15.3. **Accidents involving Air Force owned A&E will be investigated using criteria identified in DAFI 91-204, *Safety Investigations and Reports* and DAFMAN 91-221, *Weapons Safety Investigations and Reports*.**

15.4. **All JBSA units who experience a mishap/accident involving A&E, regardless of service component, shall contact the 502 ABW/SEW office and provide a summary of the mishap/accident so that the JBSA Commander can be kept informed.**

**16. Management of Material Potentially Presenting an Explosive Hazard (MPPEH).** MPPEH comes in many forms and includes but is not limited to: Munitions Debris (MD), Discard Military Munitions (DMM), medium-to-large caliber projectiles, rockets and missiles, bombs, mines, satchel charges, grenades, flares, practice grenade fuses, igniters, cartridge actuated devices and expended cartridge cases that are typically composed of brass, steel or aluminum and generated during live fire of small arms ammunition (SAA).

16.1. **Sub-categories of MPPEH are:**

16.1.1. Material Documented As Safe (MDAS) - MPPEH that has been assessed and documented as not presenting an explosive hazard and for which the chain of custody has been established and maintained. This material is no longer considered to be MPPEH.

16.1.2. Material Presenting Explosive Hazard (MPEH) - MPPEH that cannot be documented as MDAS, that has been assessed and documented as to the maximum explosive hazards the material is known or suspected to present, and for which the chain of custody has been established and maintained. This material is no longer considered to be MPPEH.

**16.2. MPPEH will not be transported over public traffic routes until certified personnel determine its explosives safety status (e.g., it is documented as MDEH).**

**16.3. Personnel who are assigned as MPPEH Certifiers will be appointed in writing by their unit Commander IAW DoDM 4140.72, *Management of Materials Potentially Presenting an Explosive Hazard*.**

**16.4. Certifiers of MPPEH, MDAS, and MDEH shall adhere to the requirements of DoDM 4140.72, DoDI 4140.62 and DESR 6055.9\_AFMAN 91-201.**

**16.5. Physical separation of MPPEH, MDAS, and MDEH shall be maintained to ensure comingling does not occur.**

**16.6. To the best ability of unit personnel, stockpiling of MPPEH shall not occur.**

**17. Information Collections.** No information collections are required by this publication.

RANDY P. OAKLAND, Brigadier General, USAF  
Commander

**Attachment 1****GLOSSARY OF REFERENCES AND SUPPORTING INFORMATION*****References***

- TITLE 10 U.S.C. 2692**—*Storage, Treatment, and Disposal of Nondefense Toxic and Hazardous Materials*, 3 January 2007
- ATP 4-35.1**, *Ammunition and Explosives Handler Safety Techniques*, 8 November 2021
- DDESB Technical Paper 26** *Guidance for Explosives Safety Site Plans*, 30 January 2014
- DDESB Technical Paper 27** *Explosive Safety Training*, 26 September 2017
- DoDI 4140.62**, *Material Potentially Presenting an Explosive Hazard (MPPEH)*, 20 August 2015
- DoDI 6055.16**, *Explosives Safety Management Program*, 29 July 2008
- DoDD 6055.9E**, *Explosives Safety Management*, 18 November 2016
- DoD 4145.26-M**, *DoD Contractors Safety Manual for Ammunition and Explosives*, 13 March 2008
- DoDM 4140.72**, *Management of Material Potentially Presenting an Explosive Hazard*, 7 May 2021
- DESR 6055.9\_AFMAN 91-201**, *Defense Explosives Safety Regulation\_Explosive Safety Standards*, 6 February 2025
- DAFPD 91-2**, *Safety Programs*, 25 June 2024
- AFMAN 32-1065**, *Grounding & Electrical Systems*, 17 July 2020
- DAFMAN 90-161**, *Publishing Processes and Procedures*, 18 October 2023
- DAFI 91-202**, *USAF Mishap Prevention Program*, 20 March 2020
- DAFI 91-202 AETC Sup**, *USAF Mishap Prevention Program*, 11 August 2022
- DAFI 91-204**, *Safety Investigations and Reports*, 10 March 2021
- DAFMAN 91-221**, *Weapons Safety Investigations and Reports*, 12 September 2024
- AR 385-10**, *Army Safety and Occupational Health Program Procedures*, 24 July 2023
- DA PAM 385-30**, *Risk Management*, 2 December 2014
- DA PAM 385-64**, *Ammunition and Explosives Safety Standards*, 24 July 2023

***Prescribed Forms***

None

***Adopted Forms***

- AF Form 847, *Recommendation for Change of Publication*
- AF Form 2047, *Explosive Facility License*

*Abbreviations and Acronyms*

**ACOMS**—Army Commands

**ADWSR**—Additional Duty Weapons Safety Representative

**AETC**—Air Education and Training Command

**AFMAN**—Air Force Manual

**AFSAS**—Air Force Safety Automated System

**AFSB**—Army Field Support Battalion

**AFSC**—Air Force Specialty Code

**AFSEC**—Air Force Safety Center

**AR**—Army Regulation

**ASA**—Army Support Activity

**ASCC**—Army Service Component Command

**ASP**—Ammunition Supply Point

**A&E**—Ammunition and Explosives

**C2**—Command and Control

**CCR**—Certificate of Compelling Reason

**CEG**—Civil Engineer Group

**CES**—Civil Engineer Squadron

**CORA**—Certificate of Risk Acceptance

**CP-33**—Ammunition Career Path

**CSSA**—Camp Stanley Storage Activity

**DA**—Department of Army

**DDESB**—Department of Defense Explosives Safety Board

**DFARS**—Defense Federal Acquisition Regulation Supplement

**DMM**—Discard Military Munitions

**DoD**—Department of Defense

**DRU**—Direct Reporting Unit

**EFL**—Explosives Facility License

**EOD**—Explosive Ordnance Disposal

**ESMP**—Explosive Safety Management Program

**ESP**—Explosive Site Plan

**HERO**—Hazards of Electromagnetic Radiation to Ordnance

**HQ**—Headquarters

**IG**—Inspector General

**ISO**—Installation Safety Office

**ISSA**—Interservice Support Agreement

**JBSA**—Joint Base San Antonio

**LPS**—Lightning Protection System

**MASO**—Munitions Accountable Systems Officer

**MD**—Munitions Debris

**MDAS**—Material Documented As Safe

**MDEH**—Material Documented as an Explosive Hazard

**MOA**—Memorandum of Agreement

**MOS**—Military Occupational Specialty Code

**MPEH**—Material Presenting Explosive Hazard

**MPPEH**—Material Potentially Presenting an Explosive Hazard

**MSA**—Munitions Storage Area

**OB/OD**—Open Burning/Open Detonation

**OI**—Operating Instructions

**OPR**—Office of Primary Responsibility

**OSHA**—Occupational Safety and Health

**QASAS**—Quality Assurance Specialist Ammunition Surveillance

**SAA**—Small Arms Ammunition

**SCCP&S**—Service Component Command Procedures & Standards

**USACRC**—United States Army Combat Readiness Center

**USATCES**—United States Army Technical Center for Explosive Safety

**WSM**—Weapons Safety Manager

*Office Symbols*

**AFSEC/SEW**—Air Force Safety Center Weapon Safety Division

**502 ABW/CC**—502d Air Base Wing Commander and Joint Base San Antonio Commander

**502 ABW/SE**—502d Air Base Wing, Chief Director of Safety

**502 ABW/SEW**—502d Air Base Wing, Weapons Safety Office

**902. CES/EOD**—902 Civil Engineer Squadron Explosive Ordnance Disposal