

Ammunition Management & Physical Stockpile Security Management Course Factsheet



Who is this course for?

This course is for those who are qualified to IMAS EOD Level 2 or higher and wish to further their knowledge in ammunition management. The training will enable individuals to conduct safe operational activities in accordance with the United Nations (UN) International Ammunition Technical Guidelines (IATGs) and International Mine Action Standards (IMAS) and the stipulations laid down by the individual National Mine Action Authority (NMAA). The level of competency training meets IATGs, NATO's ASSTP-1 guidelines, and the UK's DSA-03 OME standards (formerly JSP482), and covers aspects of the PSSM of SALW (Small Arms and Light Weapons) in accordance with the relevant ISACS (International Small Arms Control Standards) publications.



Is this course recognized globally?

Our courses are delivered to the exacting International Mine Action Standards (IMAS). To ensure quality of training and IMAS compliance our courses are externally validated by the UK-based "Open College Network" (OCN) - Credit4Learning NGO. This gives our training and your certification the credibility and recognition it deserves.



Leading the way in HMA and EOD Training



Where is MAT Kosovo located?

MAT Kosovo is situated in Peja in the west of Kosovo at the base of the Rugova Valley surrounded by picturesque mountainous views. Peja is the third largest city of Kosovo with a populace of some 100,000. Only a few minutes' walk sees you in the city Centre, with modern shops, super markets, chemists and many restaurants; it is the perfect place to spend your down time and relax. The locals are friendly and hospitable with Peja boasting a rich cultural and historical heritage, in addition to the breathtaking surroundings.



Ammunition and PSSM Course Outcomes:

On successful completion of the course, you will have acquired the requisite knowledge, skills and attitude necessary to calculate IQDs and OQDs essential for safe storage of large stocks of ammunition, thus reducing the risk to civilian personnel living within the proximity to ammunition storage areas and reducing the chances of explosive propagation between explosive magazines. You will conduct Inspections of ammunition storage areas and advise on measures necessary to bring the storage area up to risk reduction levels 1, 2 and 3 as stipulated in UNIATGs 01.20 on HIRA (Hazard Identification Risk Assessment) and risk reduction, advise on planning an inspection and surveillance program of ammunition stocks, and plan an ammunition storage area for field storage, (up to one year duration) , temporary storage (up to five years duration) or permanent storage, for several thousands of tons of ammunition in accordance with the requirements of UNIATGs. You will also have the requisite knowledge to advise on the secure storage of SALW (Small Arms and Light Weapons) as per the relevant UN ISACS (International Small Arms Control Standards).

The World's Premier IMAS EOD School



Included in Core Syllabus:



- 1. Introduction:** The level of competency covers the knowledge base required to be able to recognise the threat posed to the protection, security and stockpile management, in any given circumstances and be able to carry out corrective measures by applying and adhering to safe, effective and efficient processes and procedures.
- 2. Unplanned Explosions at Munitions Sites (UEMS):** Learning the lessons of prior unplanned explosions at munitions sites globally, learning the fundamental lessons of why they took place and how to mitigate future incidents through safe and regulated procedures.
- 3. Intro to Conventional Land Service Ammunition (CLSA):** Refresher into conventional land service ammunition natures commonly stored in ammunition storage areas and classification of ammunition natures in relation to ammunition storage and accounting.
- 4. Hazard Divisions:** Develop knowledge in the United Nations (UN) Hazard Classification Codes and how they apply to the safe storage and stockpile management of ammunition.
- 5. Compatibility Groups:** Learning and understanding the different groups which are and are not compatible with storage in the same facility. Develop knowledge of Hazard Division/Compatibility labels on Ammunition Packages/Containers and how to interpret their meanings.
- 6. Inside Quantity Distance (IQD)/Outside Quantity Distance (OQD):** Learning and calculating the regulatory safety distances both inside (i.e. between neighbouring explosive storehouses/magazines) and outside (i.e. between explosive storehouses/magazines and structures or road/rail transportation outside of the explosive storage facility perimeter).
- 7. General Rules and Regulations:** General International rules and regulations of ammunition storage and handling including regulations appertaining to specific ammunition types, the storage of which pose additional risks (e.g. white phosphorus).
- 8. Magazine Types and Construction:** Develop knowledge and understanding of the explosive effects on structures used in the storage of ammunition. Understand the protection afforded by structures in regards to hazard division. Develop a knowledge of the various types of buildings and design considerations of ammunition storage facilities.
- 9. Calculating Storage Capacity:** Learning the calculations for both safe storage and the volume required for storage of bulk stocks of ammunition within an explosive storehouse (ESH).
- 10. Field & Temporary Storage:** To teach and practice students in quantity distances for field storage, and to inform students of quantity distance requirements for temporary storage.
- 11. Fire Prevention and Fire Fighting:** Understanding the implementation of fire safety regulations in ammunition storage facilities.
- 12. Lotting and Batching of Ammunition:** Understanding the significance of both Lot and Batch numbers and how they relate to stock turnover of ammunition stocks and isolating defective ammunition from the main stockpile
- 13. Ammunition Storage Facility Site Visit:** A visit to a regional permanent ammunition storage facility to observe the way in which ammunition is stored.



14. **Ammunition and Package Markings:** Learning the typical markings used for both ammunition packaging and loose unpackaged ammunition including lotting and batching markings to assist in the identification, accounting, security and safe storage of ammunition.
15. **Movement of Ammunition:** The rules and regulations for the safe transportation of ammunition. Demonstrate knowledge and understanding of the various methods of transporting ammunition safely and securely to accepted international standards.
16. **Security in Ammunition Storage:** The rules and regulations for the security of ammunition storage facilities. Demonstrate knowledge and understanding of the physical security and protection of the ammunition stockpile contained within an explosive storage facility.
17. **Ammunition Accounting:** The accounting of ammunition within storage facilities. Demonstrate a knowledge and understanding of the various control measures to be used in the management and control of explosive facilities providing safety and security of ammunition stockpiles stored within.
18. **Ammunition Storage Calculation:** How to calculate safe storage of ammunition within storage facilities. Develop knowledge and understand for an effective system of ammunition inventory and accounting procedures to be used in the management of ammunition stockpiles.
19. **Electrical Installations in Ammunition Storage Facilities:** Develop knowledge of specifications for electrical fitments and lightning protection to be used in ammunition storage facilities.
20. **Ammunition Inspection and Surveillance:** Understanding the requirement for an ongoing inspection and surveillance program of the ammunition stockpile and developing an ammunition inspection program to cover ammunition being accepted into storage from outside sources and routine sample inspections from depot stocks.
21. **Clearance of Exploded Ammunition store:** Understanding the general principles and methodology of EOD clearance of ammunition storage facilities where a UEMS (Unplanned Explosion in Munition Storage) has occurred (NOTE the clearance of these sites is an IMAS Level 3+ task, but a basic understanding of the procedures themselves is an ammunition management requirement).
22. **Ammunition accidents, performance failures and constraints:** Understanding the procedures for ammunition accident investigation and reporting, and reporting of ammunition performance failures which may effect ammunition safety, reliability and effectiveness.
23. **Ammunition Demilitarization and destruction:** An introduction to the basic procedures and techniques for safe demilitarization or disposal of surplus, obsolete or unserviceable ammunition stocks.
24. **Weapons Security and control:** An introduction to ISACS (International Small Arms Control Systems) An introduction to the general layout of ISACS and an understanding of those ISACS specifically dealing with the physical security of weapons stockpiles and small armouries, and approved techniques for surplus weapons disposal.



To be eligible for a course certificate you must pass **Confirmatory Exercises and Formal Formative and Summative Assessment** in:

- Calculating IQDs and OQDs for ammunition storage areas and individual PESs (Potential Explosion Sites).
- Plan Field, temporary and permanent storage on ammunition stocks of several thousand tons.
- Find the answers to several theoretical problems of ammunition storage, using IATGs.
- On the physical inspection of a storage area to be visited during the course, prepare an Ammunition Storage Area Inspection Report detailing faults found and recommending the appropriate remedial action (with reference to the appropriate IATGs).

Courses offered at MAT Kosovo include:

- Field Operator IMAS EOD Levels 1 and 2 Course. No pre-requisites for attendance.
- IMAS EOD Level 3 Course. Must hold an IMAS EOD Level 2 certificate to attend.
- IMAS EOD Level 3+ Course. Must have been employed at IMAS EOD Level 3 prior to application and each application is individually assessed prior to acceptance on the course.
- IMAS EOD Level 3+ Maritime Course. Must hold an IMAS EOD Level 3 certificate to attend.
- Explosive Remnants of War (ERW) Risk Management course. Includes Introductory, Intermediate and Advanced -no pre-requisites for attendance.
- Combined IMAS IEDD Level 1 (Search) and Level 2 (Assistant Operator) Course. Must be IMAS EOD Level 3 qualified or hold equivalent, recognised military or law enforcement qualifications.
- IMAS IEDD Level 3 (Operator) Course. Must be IMAS IEDD Level 2 and IMAS EOD Level 3 qualified or hold equivalent, recognised military or law enforcement qualifications.
- Ammunition & PSSM Course (Introductory). Must be IMAS EOD Level 2.
- IMAS Conversion Course (IMAS-CC) – Humanitarian Mine Action (HMA). (1) Must have been employed within Mine Action and EOD and be able to demonstrate prior experience sufficient to be admitted on the course. (2) Must be former Military EOD and be able to demonstrate and produce prior certification.
- Mine Risk Education/Community Liaison/Train The Trainer Course. No pre-requisites for attendance.
- Quality Management Course. Must hold an IMAS Level 3 certificate to attend.
- HMA Team Medics Course. No pre-requisites for attendance.
- Unmanned Aerial Systems/Vehicle (UAS/V) Course (CAA Licensed). No pre-requisites for attendance.
- Media, NGO & Hostile Environment Operators IED, ERW, and Landmine Awareness Course – Online, real-time. No pre-requisites for attendance.
- Bespoke courses for clients with specific training needs.



For further information on our school and courses, visit our website at www.pcm-erw.com



For enquiries about any of the courses we offer please email us at info@pcm-erw.com



Check out our page on **Facebook**



Watch our training videos on **YouTube**

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The IMAS Training Specialists

Reputable establishment, well known throughout the industry and used by the professionals.

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Experienced instructors both in the field and as mentors.

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Current knowledge and trends based training with team members currently instructing in conflict areas.

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Theoretical and practical learning with live demolitions on a variety of live munitions.

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First class facilities and training aids.

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A chance to see new and emerging technologies in HMA.

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Our training course fees are fully inclusive, including all airport transfers, food and accommodation.

[Learn More](#)

To learn more about our Ammunition Management & Physical Stockpile Security Management Course Factsheet or to book your place on the course, go to our website.