

# APPENDIX I

## **QASAS Assigned as Ammunition LARs Required Courses to Obtain Formal Certification as an Ammunition LAR**

**Phase I Training:** (Within initial 6 months after assignment, prior to assignment, if possible) \*

### **Courses offered at HQ, OSC, Rock Island, IL:**

- **OPLAN Training**, 8 hrs

**SCOPE:** Locally developed training to introduce individuals to the details of how an OPLAN is developed.

- **Military Fundamentals for DA Civilians**, 8 hrs

**SCOPE:** Basic fundamentals course offering a varied presentation to include the Army as a member of the Joint Team, Army structure, assets and missions, Corps through Squad level, branches of the Army, etc.

### **Course offered through OMMCS, Huntsville, AL:**

- Standard Army Ammunition System Modernization (SAAS-MOD) training available through the U.S. Army Ordnance Missile and Munitions Center and School, Huntsville, AL. Courses also available at many on site locations throughout the year, 16 hrs.

**Phase 2 Training** (6-12 months after assignment) \*\*

### **Courses offered at the Defense Ammunition Center, McAlester, OK:**

- **Ammunition Financial Management**, (1 wk, 40 hrs) AMMO-6 (formerly AMMO-L-20)

**SCOPE:** This course is designed to familiarize personnel, assigned to various munitions-related disciplines, with an overall view of the functions of ammunition financial management from initial requirements determination up through Congressional budget submission and follows the flow of funds back down to the user level. Discussions encompass: requirements determination and validation, budget formulation, types of financial authorizations, the Future Year Defense Program (FYOP), the Army Working Capital Fund (A WCF), the Conventional Ammunition Working Capital Fund (CAWCF), the DOD Planning, Programming, and Budgeting System (PPBS), the Army Planning, Programming, Budgeting, and Execution System (PPBES), and a look at financial management reform initiatives.

**Course Content (Hrs):**

- 1 - Financial Management: Army-Wide View (16)
- 2 - Financial Management: Annual Reports of the Secretary of Defense and the U.S. Army Operations Command (8)
- 3 - Financial Management: Single Manager for Conventional Ammunition Responsibilities (16)

- **Ammunition Life Cycle Management**, 1 wk (40 hrs) AMMO-7 (formerly AMMO-L-4)

**SCOPE:** This course provides a basic knowledge of the concepts of life cycle management as applied to ammunition. Course content contains an introduction to the concepts of logistics management with emphasis in the ammunition area. Also provided is an overview of logistics concepts, the ammunition life cycle, and the integrated logistic support of ammunition.

**Course Content (Hrs):**

- 1 - Orientation (1)
- 2 - Logistics Concepts (General) (16)
- 3 - The Ammunition Life Cycle (12)
- 4 - Integrated Logistics Support (ILS) (11)

- **Ammunition Retail Logistics**, 1 wk (40 hrs) AMMO-11

**SCOPE:** This course provides entry-level managers with introductory training for career development and job orientation in the retail ammunition logistics arena. Course will focus on the retail ammunition support structures, physical security requirements at the retail level, storage and safety concerns, Ammunition Stock Control procedures, and general ammunition logistics operations. Evaluation of various retail ammunition missions at the different levels of command will also be discussed.

**Special Information:** This course may also be presented at on-site locations (AMMO-II-OS).

**Course Content (Hrs):**

- 1 - Orientation (1)
- 2 - Ammunition Support Structure (4)
- 3 - Physical Security Requirements (3)
- 4 - Ammunition Storage/Safety (4)
- 5 - Ammunition Stock Control Procedures (12)
- 6 - Ammunition Logistics Operations ( 16)

- **Environmental Considerations for Ammunition Personnel**, (32 hrs)  
AMMO-31 (formerly AMMO-C-32)

**SCOPE:** This course provides the ammunition professional with the principles of environmental compliance that must be taken into account during all phases of ammunition and explosives operations. The course provides current Environmental Protection Agency (EP A), and Department of Defense (DOD) guidance, to include the Munitions Rule (MR)

regarding the generation, storage, transportation, treatment and disposal of ammunition and explosives hazardous wastes. This course does not provide training in hazardous waste emergency response and clean-up.

**Course Content (Hrs):**

- 1 - Introduction (0.5)
- 2 - Environmental Laws and Regulations (7.5)
- 3 - DOD and Service Specific Guidance (3)
- 4 - Identification of Hazardous Constituents (4)
- 5 - Hazardous Waste Minimization (2)
- 6 - Hazardous Waste Management (12)
- 7 - Examination (3)

**Phase 3 Training** (12-18 months after assignment)

**Courses offered through ALMC, Ft. Lee, VA:**

- **Army Logistics Introductory Course, 2 wks**

**SCOPE:** This course is for DOD employees newly assigned in positions requiring basic skills and knowledge in Army logistics, or with limited Army logistics experience or knowledge. The curriculum covers the functional areas of supply, maintenance, transportation and services at each of the tactical, operational, and strategic levels.

- **Joint Course on Logistics, 2 wks**

**SCOPE:** Students should be mid-level managers, active duty and reserve component military (MAJ/LCDR, LTC/CDR) and civilians (GS-12 through GS-14) assigned to, or en route to, a position that requires joint logistics knowledge, such as JCS (JDAL and JDAL-like) logisticians; DOD logistics positions; component headquarters logistics staff positions; theater to corps logisticians (planning and execution); and major logistics command logistics staff and action officers (including program and project managers). Others who may attend are project program management team members, staff officers working logistics doctrine issues/actions, reserve component logisticians working at levels equivalent to any of the above, international logistics exchange officers, senior logistics commanders (05/06), and service headquarters logistics planners and logistics planning action officers (Marine Corps). Additionally, international logistics exchange officers assigned to U.S. joint staff and O3s (Captain or Lieutenant) filling U.S. joint logistics billets, or participating in the JCS, J4 Logistics Intern Program are eligible to attend.

This course focuses on theater-level joint logistics operations by preparing military officers and civilians to function in assignments that involve joint logistics planning, interservice and multinational logistics support, and joint logistics in a theater of operations. To accomplish this, the JCL integrates component functional skills and knowledge through the study of strategy, doctrine, theory, programs, and processes. The JCL provides the opportunity for students to develop the attributes, perspectives, and insights necessary to manage logistics at the operational level of war. The course material is unclassified.

**Recommended course offered through ALMC, Ft. Lee, VA:**

- **Logistics Management Development Course**, 4 wks, Correspondence: 143 hrs

**SCOPE:** Nominees should have actual or anticipated assignments to management positions in the logistics area and have a high school education. Military nominees should be officers who have completed or are enrolled in a branch career course. Senior NCOs are eligible. Civilians should be GS-9 or above with functional experience in the logistics management, data processing, or financial management field and have completed one functional course in that field. Completion of or attendance in an intern program can be substituted for the experience requirement.

This course provides an overview of the Army logistics system. The life-cycle management model is the common thread of the course and is used to highlight the more significant considerations of RDTE, acquisition, inventory management, maintenance, and disposal of Army materiel. Instruction in management skills includes basic statistical and probability techniques. This instruction is oriented toward improving the decision-making abilities of the students by providing knowledge of the techniques and considerations involved in logistics management.

**Phase 4 Training** (18- 24 months after assignment) \*\*\*

**Recertification Courses offered at the Defense Ammunition Center, McAlester, OK:**

- **Technical Transportation of Hazardous Materials**, 2 wks, AMMO-62

**SCOPE:** This course provides personnel from all services detailed technical information pertaining to all phases of transportation of hazardous materials, and satisfies the mandatory training for persons who certify hazardous materials and conduct function specific training for subordinate personnel as specified in the Defense. Transportation Regulation (DOD 4500.9-R).

Course content includes emphasis on United States and international laws and regulations covering transportation of hazardous materials by all modes. International regulations covered include the International Maritime Dangerous Goods Code and the International Commercial Air Transport Associations Dangerous Goods Regulations. United States regulations covered include the Department of Transportation (DOT) 49 Code of Federal Regulations (CFR) and U.S. military regulations. Course material includes emphasis on hazard communications (i.e., shipping papers, marking, labeling, and placarding); packaging, compatibility on transport vehicles, security requirements, and emergency response information. Students successfully completing the course will understand the requirements for shipping hazardous materials by all modes of transportation, to include highway, rail, commercial air, military air, and vessel.

**Course Content (Hrs):**

1 - Orientation (1 )

- 2 - Basic Hazardous Materials Information and Shipping Papers (17)
- 3 - Marking, Labeling, Placarding, Packaging, Security, and Segregation (22)
- 4 - Shipment of Hazardous Materials by Vessel (9.5)
- 5 - Shipment of Hazardous Materials by Commercial Air (9.5)
- 6 - Shipment of Hazardous Materials by Military Air (21)

- **Intermodal Dry Cargo Container/Convention for Safe Container (CSC) Reinspection, 3 Days, AMMO-43 (formerly AMMO-L-10)**

**SCOPE:** This course provides students with information required to reinspect intermodal dry cargo containers IAW the CSC standards. Course content includes survey of CSC test requirements; detailed analysis of reinspection criteria required by CSC, U.S. Public Law, and Joint Service Regulations; and orientation of container structural and non-structural components. Reporting requirements and reinspection decal placement are also discussed.

**Course Content (Hrs):**

- 1 - Orientation (0.5)
- 2 - Overview of Containerization (4.5)
- 3 - Structure of Containers (2)
- 4 - Inspection Criteria (17)

**Recommended courses offered on CBT from DAC:**

- Class V Turn In and Residue Processing Procedures
- Hazmat Familiarization
- Military Munitions Rule

**Recommended course offered through ALMC, Ft. Lee, VA:**

- Associate Logistics Executive Development Course, 5 phases, 2 wks each phase, Correspondence: 499 hrs (or combination of the two modes)

**SCOPE:** ALEDC serves as the Army's senior logistics course for Reserve and Active Component Officers and civilian managers, preparing them for executive and policy-making mobilization assignments. The course provides insights into the multifunctional areas of logistics and their integration within DOD. Students gain a fuller understanding of the interface between the Army in the field, DOD's logistic structure, and industry. The course expands and enhances fundamental management skills.

**Phase I (Theater Logistics, Part I):** This phase is designed to provide senior captains and field grade officers in multifunctional CSS positions the background knowledge to arm, fuel, fix, move, protect, and sustain soldiers and their systems in combat. This is done through practical exercise based, small group instruction. Phase I is a prerequisite to Phase V.

**Resident, 2 weeks Correspondence: 86 hours**

**Phase V (Theater Logistics, Part V):** This phase builds upon the knowledge gained in

Phase I. It takes the student through mobilization, deployment, and redeployment associated with Corps/Theater contingency operations. Like Phase I, this phase is practical exercise based, small group instruction. Completion of Phase I is required for enrollment in Phase V.

**Resident**, 2 weeks Correspondence: 80 hrs

**NOTES:**

- \* **Interim certification will be granted with the successful completion of required courses.**
- \*\* **At least 2 required courses are to be completed within the first year after assignment. No more than 2 courses should be scheduled within a 6 month period. The remaining courses to be completed by the end of the second year. Initial certification granted after first year with successful completion of training.**
- \*\*\* **Recertification and correspondence courses are encouraged. Full certification granted after second year with successful completion of training.**