

**BY ORDER OF THE COMMANDER
301ST FIGHTER WING**

**301ST FIGHTER WING INSTRUCTION
21-141**



15 AUGUST 2011

Maintenance

**INSPECTION AND CERTIFICATION OF
EXPLOSIVE RESIDUE AND
CERTIFICATION OF REUSABLE
CONTAINERS**

COMPLIANCE WITH THIS PUBLICATION IS MANDATORY

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Certified by: 301 MXG/CC
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This instruction extends the guidance of Air Force Manual (AFMAN) 91-201, *Explosive Safety Standards*; Air Force Technical Order (T.O.) 11A-1-60, *General Instruction – Inspection of Reusable Munitions Containers and Scrap Material Generated From Items Exposed to, or Containing Explosives* and applicable inspection item T.O.s. This instruction tailors safe and uniform procedures governing the inspection of explosive residue generated from explosive items and certification of empty containers prior to turn-in for shipment. It applies to all units, users, and individuals that are customers of the 301st Maintenance Squadron, Munitions Flight (301 MXS/MXM). The Munitions Flight Chief (301 MXS/MXMW), Munitions Material Superintendent (301 MXS/MXMWM), Munitions Inspection Element (301 MXS/MXMWMB) and Munitions Control (301MXS/MXWMSA) will ensure compliance with this instruction and referenced publications. Refer recommended changes and questions about this publication to the Office of Primary Responsibility (OPR) using the Air Force Form 847, *Recommendation for Change of Publication*; route *AF Forms 847* from the field through the appropriate functional's chain of command. Ensure that all records created as a result of processes prescribed in this publication are maintained in accordance with AFMAN 33-363, *Management of Records*, and disposed of in accordance with the Air Force Records Disposition Schedule (RDS) located at <https://afirms.amc.af.mil/>.

1. Safety Requirements for Munitions Personnel:

1.1. Safety crew briefing will be given at beginning of operation.

1.2. Emergency Instructions: If explosives are detected, verify them safe. If the item is not safe, evacuate all personnel from building 3368 (both bays) to specified distances that are outlined in the Safety Crew briefing. In case of fire, follow instructions provided in the Safety Crew briefing.

2. Customers and Users Responsibilities:

2.1. Customers/Users will:

2.1.1. Contact Munitions Control (301MXS/MXWMSA) to schedule an appointment with 301 MXS/MXMWMB for munitions residue return.

2.1.2. Segregate residue in separate containers, i.e., 5.56 ball ammunition in one container, 5.56 blank ammunition in another container.

2.1.3. Ensure that no live munitions are mixed with munitions residue.

2.1.4. Ensure that returned containers are free of live munitions.

2.2. Dud items will not be turned-in to 301 MXS/MXMWMB. Appropriate Explosive Ordnance Disposal (EOD) procedures will be used.

2.3. Customers/Users will not transfer spent munitions or containers to unauthorized personnel.

3. Munitions Flight Responsibilities:

3.1. 301 MXS/MXMWM will furnish the Defense Reutilization Marketing Office (DRMO) facility with a list of qualified inspectors, in writing, which will include the name, rank, and specimen signature.

3.2. 301 MXS/MXMW will ensure only qualified personnel are authorized to certify and process any munitions residue, to include small arms brass or empty munitions containers.

3.3. Munitions Supervision will periodically review the inspection element to ensure safety and security of munitions residue is maintained at all times.

4. 301 MXS/MXMWMB Responsibilities:

4.1. Munitions Inspectors will accept the munitions residue from the user and segregate from other residue. This residue will be treated as a minimal hazard class/division 1.4S until certified empty.

4.1.1. Munitions Residue Certifying Procedure.

4.1.1.1. Ensure that a 100 percent inspection of all munitions residue for explosives is performed prior to certification.

4.1.1.2. Perform all applicable requirements as outlined in A.F.T.O. 11A-1-60.

5. Procedures for Discovery of Live Munitions during the Certification Process.

5.1. The Munitions Inspector will:

5.1.1. Stop certification process in the inspection bay immediately; determine the extent of the hazard.

5.1.2. Notify munitions control, if warranted by type of munitions found.

5.2. Munitions Control will notify 301 MXS/MXMWM, 301 MXS/MXMW and the Munitions Accountable Systems Officer (MASO).

6. Container Certification:

6.1.1. Only qualified munitions personnel will certify containers.

6.1.2. Containers will be certified as follows:

6.1.2.1. All containers will be opened and thoroughly inspected for explosives.

6.1.2.2. Certification/verification statement in accordance with A.F.T.O. 11A-1-60 will be placed in the container.

6.1.2.3. Containers will be sealed to prevent unauthorized entry.

6.1.2.4. Containers will be marked as required.

7. Wing Focal Point for the Munitions Residue and Reusable Container Program:

7.1. 301st Fighter Wing office of primary responsibility is 301 MXS/MXM, located in building 3355. Emergency situations dial 911.

7.2. Reusable containers will be retained if required for future use, or returned to DRMO as determined by MASO.

8. 301 MXS/MXM is the Technical Advisor for the Munitions Residue and Reusable Container Program. Technical Advisors will assist all munitions customers with the necessary corrective actions/information to safely execute this instruction. Technical Advisors are located in building 3368, with work hours of 0630-1500 Monday-Friday.

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Commander