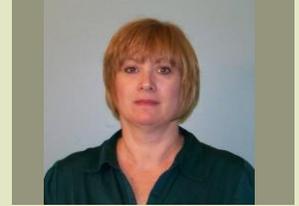




From the Desk of:

Our weekly update focuses on new discussions, content and members. The Ammo CoP offers members a chance to connect and collaborate with, quality content and discussions available, all specifically for all professionals who work with and/or around ammunition (Military, Civilians and Contractors alike)! Pass this newsletter on to your friends and peers that may not have heard about the Ammo CoP and invite them to join us at: <https://acc.dau.mil/ammo>



Ms. Garcia
Ammunition Forum Facilitator
Training & Consulting Inc. (TCI)
Subject Matter Expert
Former QASAS

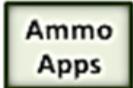
Feature Requests...

In a continued effort to improve on this Newsletter and make it serve the purpose of the CoP, if you have something you would like to see highlighted in this newsletter (people, activities, ammo items, etc...), or if you have any pictures and/or bits of information you would like to include in future newsletters, please send them to me.

Questions and Answers



29 FEBRUARY 2016



Do you have questions for your peers and fellow Ammunition Professionals? If so logon to: <https://acc.dau.mil/ammo> and post your question so that our members can share their experience, knowledge and expertise with you. Before using the "Ask an Expert" feature please table your questions in the forum.

Department of Army Worldwide Ammunition Logistics and Explosives Safety Review and Technical Assistance Program (AR 700-13) Annual Digest FY15

This digest is a summary of significant observations and trends reported during twenty-six ammunition reviews conducted at twenty-six sites from 1 October 2014 through 30 September 2015. (FY15) This digest is prepared and published as an aid in identifying potential problem areas that could affect an installation's capability to accomplish its mission in an accountable, efficient, environmentally responsible, safe and secure manner. Contributed by Mr. Thomas

MIN 16-02

SHELF LIFE ESTABLISHMENT OF THE U.S. ARMY TUBE-LAUNCHED OPTICALLY-TRACKED WIRELESS-GUIDED BUNKER BUSTER RADIO FREQUENCY (TOW BB RF) MISSILES - BGM-71H-1-RF (DODIC: WH51)

MIN 16-03

SHELF LIFE ESTABLISHMENT OF THE U.S. ARMY TUBE-LAUNCHED OPTICALLY-TRACKED WIRE-GUIDED (TOW) MISSILES - BGM-71F-6B (DODIC: WJ40) AND BGM-71F-3B (DODIC: WJ39)

General Safety Precaution

Limit the number of soldiers exposed to ammunition handling to the minimum necessary to get the job done. Cell phones will not be used inside an ammunition/explosives facility or within 10 feet of ammo or explosives stored outdoors.

[TB 43-0250](https://acc.dau.mil/usertraining) Ammunition Handling, Storage and Safety

Remember this forum is for collaboration and knowledge sharing among all of us within the ammunition community. If you have a question that we may be able to help you answer, or if you have developed an SOP, best practice, or TTP that helps you do your job, post it to Ammo CoP. The few minutes you take to upload something could save someone else hours of work. If you're not sure how or need assistance just send me a note or visit the user training site available at: <https://acc.dau.mil/usertraining>

Lessons Learned from [AmmoHelp](#) Explosive Safety – Electrical Fixtures

QUESTION: My question deals with intrinsically safe and/or explosive proof electrical fixtures installed inside ECM's. The interior volumetric sensors installed on our CAT I and II magazines are no longer being produced. Physical Security wants to replace but needs to know if they must be intrinsically safe or even explosive proof. The munition items are stored in original containers with very little or no risk to produce flammable vapors, liquids or gases, or combustible dusts or fibers.

ANSWER: Requirements for lighting in magazines can be found in the [DA PAM 385-64](#) Chapter 17-8. Explosive proof/intrinsically safe lighting in magazines is not required unless it is considered an explosives atmosphere (see 17-2). Ammo in DOT approved containers or original packaging do not off-gas to produce an explosives environment. Older Corps of Engineers drawings show magazines having explosion proof fixtures as a worst case design. Newer drawings will have the expected environment analyzed and the proper level of protection will be applied.

FOLLOW-ON QUESTION: The DA PAM 385-64 specifically talks about lighting but not IDS (volumetric sensors). Am I to assume that IDS components be treated just like lighting fixtures in a magazine that does not exhibit an explosive atmosphere?

ANSWER: IDS volumetric sensors would follow the same requirements as lighting in non-explosives atmospheres. They will require surge protection but do not need to be intrinsically safe. The references from Chapter 17 of the DA PAM 385-64 apply to IDS as well.

[AIN 034-16](#)

EXTENSION TO SHELF LIFE FOR CARTRIDGE ACTUATED CUTTER (DODIC MU02) AND CABLE CUTTER ASSEMBLY FOR REFIRE KIT (DODIC MU34).

Lessons Learned from [AmmoHelp](#) Explosive Safety – Hearing Aids

QUESTION: Can hearing aids be used near ammunition inspections? Is there any HERO information on them? The instructions for the hearing aids themselves say "not for use around mining operations or explosives." Do you know of any specific guidance regarding the use or prohibition of the use, of hearing aids near Class 1 explosives?

ANSWER: There are a variety of hearing aids and without knowing the specifications of the one in question, I can give you only some general guidance.

Although hearing aids do not emit an RF signal, the circuits used to amplify sound contain an inductive coil that does produce a small electromagnetic field. There has been no specific exemption for use of these items around ammunition and explosives and no testing has been conducted as to what effects these items may or may not have on ammunition and explosives. Until the irradiated power of this field has been measured or until an exemption to policy has been signed by the appropriate authority the ten foot minimum should be applied any electrically initiated ordnance, regardless of HERO classification. Reduced separation distance can be applied if the measured or calculated effective isotropic radiated power is weighed against [DA PAM 385-64](#) Table 17-3.

For the comment "not for use around mining operations or explosives." The assumption I would make is that these items are not rated for class 1 and 2 division 1 and 2 locations where ignitable gases, dusts and vapors would be found, i.e., so this one is not intrinsically safe. Secondly, there may be an instance where hearing aids are assumed to be replacements for hearing protection, they are not.

Don't Forget...

This is our community and it'll only be as good as we make it. I'm always interested in hearing any ideas you may have in reference to suggested improvements to this newsletter or the CoP– if you have any suggestions, please send them to me.

Send your Questions, Submissions, Comments and/or Suggestions to:

Newsletter Editor

Email: <https://acc.dau.mil/CommunityBrowser.aspx?id=220200&profileid=236465&view=a>