



DEPARTMENT OF DEFENSE EXPLOSIVES SAFETY BOARD

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ALEXANDRIA VIRGINIA, 22350

DDESB-PD

SEP 25 2017

MEMORANDUM FOR COMMANDING OFFICER, NAVAL ORDNANCE SAFETY AND SECURITY ACTIVITY

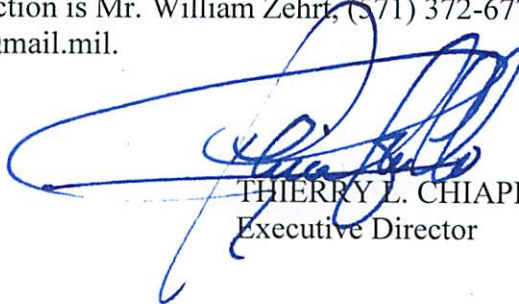
SUBJECT: Approval of 7-Bar Structural Strength Designation for Navy Standard Type C Earth-Covered Box Magazines constructed to Naval Facilities Engineering Command Drawing Numbers 14005091 through 14005122 (with loading platform) and to Naval Facilities Engineering Command Drawing Numbers 14004689 through 14004720 (without loading platform)

- References:**
- (a) Memorandum from Commanding Officer, Naval Ordnance Safety and Security Activity, Subject: REQUEST FOR EXPEDITED REVIEW AND APPROVAL OF REVISED STANDARD TYPE C EARTH-COVERED MAGAZINE AS A 7-BAR EARTH-COVERED MAGAZINE [CRITERIA/WEBSAR 4236/WI-134], dated 26 Jul 17
 - (b) DoD 6055.09-M, "DoD Ammunition and Explosives Safety Standards," date varies by volume
 - (c) DDESB-PD MEMORANDUM FOR COMMANDING OFFICER, NAVAL ORDNANCE SAFETY AND SECURITY ACTIVITY, ATTENTION: N511, SUBJECT: DDESB Approval of NAVY Box Type C Missile Magazine Standard Drawings 14004689-14004720 (Without Loading Platform) and 14005091-14005122 (With Loading Platform), dated 04 Jan 2011.
 - (d) DDESB Technical Paper 15, "Approved Protective Construction," Revision 3, May 2010

We have reviewed the drawings of reference (a) for compliance with Department of Defense explosives safety criteria, as provided in reference (b). Based on our evaluation, the reference (a) designs are approved as 7-bar earth-covered magazines and, in accordance with reference (b), may be sited as exposed sites from potential explosion sites storing up to 500,000-lbs Hazard Division 1.1 explosives.

Reference (a) designs supersede the designs of reference (c) and will be added to Table AP 1-1 of reference (d) as approved for new construction. Since the revision numbers of the reference (a) drawings vary, the drawings will be identified by their NAVFAC drawing numbers and their NAVFAC approval date of May 10, 2017.

The point of contact for this action is Mr. William Zehrt, (571) 372-6778, DSN 372-6778,
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Executive Director

cc:

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