



## DEPARTMENT OF DEFENSE

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# DOD AMMUNITION AND EXPLOSIVES SAFETY STANDARDS

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for Acquisition, Technology and Logistics

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30 July 2002

# Dod Ammunition And Explosives Hazard Classification Procedures

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RESEARCH AND DEVELOPMENT  
CENTER DOVER NJ.**

## **Dod Ammunition And Explosives Hazard Classification Procedures:**

*Department of Defense Explosives Hazard Classification Procedures* ,1989      **Department of Defense Ammunition and Explosives Hazard Classification Procedures** ,1998 Summary This publication sets forth detailed procedures for hazard classifying ammunition and explosives in accordance with Department of Transportation regulations North Atlantic Treaty Organization guide lines and United Nations recommendations Applicability This TB applies to the Defense Logistics Agency the Navy the Air Force the Active Army the Army National Guard the U S Army Reserve      Comments and Position Regarding the Joint Technical Bulletin "Department of Defense Ammunition and Explosives Hazard Classification Procedures." ,1998 When the Department of Defense DoD revised its hazard classification guidelines in Technical Bulletin TB 700 2 NAVSEAINST 8020 8B TO 1 1A 1 47 DLAR 8220 1 dated 5 January 1998 1 it significantly changed the procedures used to determine the explosive classification of rocket motors to be shipped or placed in DoD storage facilities The revised test protocols outlined in this document hereafter referred to as TB 700 2 are far more conservative and costly to implement than the previous ones      **Current Efforts to Develop Alternate Test Protocols for the Joint Technical Bulletin**

**"Department of Defense Ammunition and Explosives Hazard Classification Procedures"** ,1998 When the Department of Defense DoD revised their Technical Bulletin TB 700 2 NAVSEAINST 8020 8B TO 11A 1 47 DLAR 8220 12 hazard classification guidelines in January 1998L it significantly changed the procedures used to determine the explosive classification of rocket motors to be shipped or placed in DoD storage facilities The revised test protocols outlined in this document hereafter referred to as TB 700 2 were far more conservative and costly to implement than the previous ones These changes will have a profound impact on the solid rocket community and in particular those involved with the research and development and manufacture of large rocket motors The ramifications are higher development costs and severe limitations on performance improvements This paper outlines the current efforts of the Air Force Research Laboratory Propulsion Directorate Thiokol Atlantic Research Corporation and Naval Air Warfare Center to unite the solid rocket community into developing acceptable alternate test protocols that could fulfill the intent of TB 700 2 and be considered by the Department of Defense Explosive Safety Board DDESB for incorporation into a future revision to TB 700 2

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**Air Force Manual** United States. Department of the Air Force,1973 "*Code of Massachusetts regulations, 2014*" ,2014 Archival snapshot of entire looseleaf Code of Massachusetts Regulations held by the Social Law Library of Massachusetts as of January 2020 "*Classifications of Hazards in Shipping and Storage of Ammunition and Explosives* E. Demberg,ARMY ARMAMENT RESEARCH AND DEVELOPMENT CENTER DOVER NJ.,1984 The presentation deals with the hazard classification of ammunition and explosives and unique military related dangerous materials Although the discussions involve numerous government agencies the emphasis is placed on how the matter is addressed at the US Army Armament Research and Development Center Dover NJ ARDC Hazard classification is presented as a system of policies and procedures that establish the requirements specify the items provide the test procedures and assign responsibilities At ARDC the policies and procedures are applied to items of ammunition and explosives to determine their dangerous characteristics and assign those that pose similar hazards to uniform categories The classifications are used to regulate the handling storage and shipping to acceptable levels of risk "**Code of Massachusetts regulations, 2006**" ,2006 Archival snapshot of entire looseleaf Code of Massachusetts Regulations held by the Social Law Library of Massachusetts as of January 2020 "*Code of Massachusetts regulations, 2009*" ,2009 Archival snapshot of entire looseleaf Code of Massachusetts Regulations held by the Social Law Library of Massachusetts as of January 2020 "**Code of Massachusetts regulations, 2001**" ,2001 Archival snapshot of entire looseleaf Code of Massachusetts Regulations held by the Social Law Library of Massachusetts as of January 2020 "*Code of Massachusetts regulations, 1996*" ,1996 Archival snapshot of entire looseleaf Code of Massachusetts Regulations held by the Social Law Library of Massachusetts as of January 2020 "**Code of Massachusetts regulations, 1997**" ,1997 Archival snapshot of entire looseleaf Code of Massachusetts Regulations held by the Social Law Library of Massachusetts as of January 2020 "**Code of Massachusetts regulations, 2005**" ,2005 Archival snapshot of entire looseleaf Code of Massachusetts Regulations held by the Social Law Library of Massachusetts as of January 2020 "*Code of Massachusetts regulations, 2004*" ,2004 Archival snapshot of entire looseleaf Code of Massachusetts Regulations held by the Social Law Library of Massachusetts as of January 2020 "**Code of Massachusetts regulations, 2010**" ,2010 Archival snapshot of entire looseleaf Code of

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