

MIL-P-46296C (PA)  
AMENDMENT 3  
9 August 1976  
SUPERSEDING  
AMENDMENT 2  
9 July 1976

## MILITARY SPECIFICATION

### PRIMER, PERCUSSION, M82 LOADING, ASSEMBLING AND PACKING

This Amendment forms a part of Military Specification MIL-P-46296C(MU) dated 21 December 1966.

#3.5.1, line 1: Delete "Without black powder" and substitute "Static Test".

#3.5.2, delete entire paragraph and substitute "Ballistic Test.-The primers, with the black powder charge, shall fire with no blowbacks, perceptible hangfires, metal parts separation, or evidence of rupture or erosion and the primer must obturate and extract easily, when tested as specified in 4.3.3.2 (see 6.7)".

4.2.2, add "The contractor may elect to perform 100% inspection with automated equipment in lieu of sampling inspection for defects listed in this specification. In such cases, calibration plans shall be submitted to the Technical Agency (see 6.8) for approval for each automatic inspection station. The plans shall identify; (1) the frequency (production interval) for validating equipment functioning (2) the methods and procedures for validation including designs of defect standards and (3) a description of material control procedures to be imposed on product passing through each automated station during the production interval between validations. Under these provisions final acceptance will be withheld from material produced during a production interval until satisfactory validation of each of the automated stations so controlled. In the event of a validation failure of any station, the material processed through such station since the last acceptable validation shall be placed in a rejected status pending corrective action.

FSC: 1390

MIL-P-46296C (PA)  
Amendment 3

Under certain circumstances, and for sufficient cause, the contractor may request the government's permission to use process controls or process inspections in lieu of the product inspections contained herein. In such instances, process control plans containing the aforementioned elements shall be submitted to the technical agency for approval."

\*4.2.2.5, add Major Defect: "103. Depth of Plunger, Max.....  
.....Gage".

Delete Minor Defect: "201. Ignition element not fully seated..  
.....Torque".

\*4.2.2.6, change major defect 103 to read "Container Charge  
Assembly below flush max.....Gage".

\*4.3.3.1, line 1: Delete "Without black powder" and substitute  
"Static Test".

\*4.3.3.2, delete entire paragraph and substitute "Ballistic  
Test.-The primers shall be assembled with a projectile and  
propelling charge system at a Government proving ground, and  
fired from a gun for which the primer is standard.

Section 6, add "6.8 Submission of Calibration and Process  
Control Plans.-Prior to implementation of calibration or  
process control plans in accordance with 4.2.2, plans shall be  
approved by Picatinny Arsenal, ATTN: SARPA-QA-A-A, Dover,  
New Jersey 07801."

The margins of this amendment are marked with an asterisk to indicate where changes, additions, modifications, corrections, deletions from the previous amendments are made. This was done as a convenience only and the Government assumes no liability whatsoever for any inaccuracies in these notations. Bidders and contractors are cautioned to evaluate the requirements of this document based on the entire content irrespective of the marginal notations and relationship to the last previous amendment.

Custodian:  
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Preparing Activity:  
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