

NOTICE OF
CHANGEINCH-POUND

MIL-STD-1946A(MR)
NOTICE 2
2 September 1994

MILITARY STANDARD

WELDING OF ALUMINUM ALLOY ARMOR

TO ALL HOLDERS OF MIL-STD-1946A(MR):

1. THE FOLLOWING PAGES OF MIL-STD-1946A(MR) HAVE BEEN REVISED AND SUPERSEDE THE PAGES LISTED:

NEW PAGE	DATE	SUPERSEDED PAGE	DATE
2	2 September 1994	2	7 June 1989
3	7 June 1989	3	REPRINTED WITHOUT CHANGE

2. RETAIN THIS NOTICE AND INSERT BEFORE TABLE OF CONTENTS.

3. Holders of MIL-STD-1946A(MR) will verify the page changes and additions indicated above have been entered. This notice page will be retained as a check sheet. This issuance together with appended pages, is a separate publication. Each notice is to be retained by stocking points until the military standard is completely revised or canceled.

Custodian:
Army - MR

Preparing activity:
Army - MR
(Project THJM-A341)

Review activities:
Army - AR, AT, MI, ME

AMSC NO. A3775

AREA THJM

DISTRIBUTION STATEMENT A. Approved for public release; distribution unlimited.

2. REFERENCED DOCUMENTS

2.1 Government documents.

2.1.1 Specifications, standards, and handbooks. Unless otherwise specified, the following specifications, standards, and handbooks of the issue listed in that issue of the Department of Defense Index of Specifications and Standards (DoDISS) specified in the solicitation form a part of this specification to the extent specified herein.

SPECIFICATIONS

MILITARY

MIL-A-45225 - Aluminum Alloy Armor, Forged
 MIL-A-46027 - Aluminum Alloy Armor Plate, Weldable 5083 and 5456
 MIL-A-46063 - Armor Plate, Aluminum Alloy, 7039
 MIL-A-46083 - Aluminum Alloy Armor, Extruded Weldable
 MIL-A-46118 - Aluminum Alloy Armor, 2219, Rolled Plate and Die Forged Shapes.

STANDARDS

MILITARY

DOD-STD-100 - Engineering Drawing Practices
 MIL-STD-367 - Armor Test Data Reporting
 MIL-STD-370 - Visual Acceptance Criteria for Inspection of Aluminum Alloy Welds
 MIL-STD-372(MR) - Welding, Gas Metal-Arc and Gas Tungsten-Arc Aluminum Alloys, Readily Weldable for Structures and Attachments to Armor
 MIL-STD-453 - Inspection, Radiographic
 MIL-STD-1895(AT) - Reference Standards and Radiographic Procedures for Partial-Penetration Aluminum Welds
 MIL-STD-6866 - Inspection, Liquid Penetrant

(Copies of specifications, standards, drawings, and publications required by contractors in connection with specific procurement functions should be obtained from the procuring activity or as directed by the contracting officer.)

2.2 Non-Government publications. The following documents form a part of this specification to the extent specified herein. Unless otherwise specified, the issues of the documents which are DoD adopted are those listed in the issue of the DODISS cited in the solicitation. Unless otherwise specified, the issues of documents not listed in the DODISS are the issues of the documents cited in the solicitation (see 6.2).

ASTM (AMERICAN SOCIETY FOR TESTING AND MATERIALS)

ASTM E340 - Macroetching Metals and Alloys

(Application for copies should be addressed to ASTM, 1916 Race Street, Philadelphia, Pennsylvania 18103.)

AMERICAN WELDING SOCIETY (AWS)

- AWS A2.4 - Welding and Nondestructive Testing, Symbols for
- AWS A3.0 - Welding Terms and Definitions
- AWS D1.2 - Structural Welding Code of Aluminum
- ANSI/AWS A5.10 - Aluminum and Aluminum Alloy Bare Welding Rods and Electrodes

(Application for copies should be addressed to the American Welding Society, 550 Northwest LeJeune Road, P.O. Box 351040, Miami, Florida 33126.)

(Industry association specifications and standards are generally available for reference from libraries. They are also distributed among technical groups and using Federal agencies.

2.3 Order of precedence. In the event of a conflict between the text of this document and the references cited herein, the text of this document takes precedence. Nothing in this document, however, supersedes applicable laws and regulations unless a specific exemption has been obtained.