

MIL-S-5059D
AMENDMENT 2
29 November 1985
SUPERSEDING
AMENDMENT 1
26 DECEMBER 1984

MILITARY SPECIFICATION
STEEL, CORROSION-RESISTANT (18-8),
PLATE, SHEET AND STRIP

This amendment forms a part of MIL-S-5059D, dated 30 May 1983, and is approved for use by all Departments and Agencies of the Department of Defense.

PAGE 3

3.3, Delete in its entirety and substitute:

"3.3 Quality. The steel shall be aircraft quality. Sufficient discard shall be taken to ensure freedom from injurious piping and undue segregation."

PAGE 4

3.6, Delete in its entirety and substitute:

"3.6 Sensitization. Types 304 and 316 shall be examined for sensitization in accordance with ASTM A262, practice E (see 6.1.2 and 6.1.3). No evidence of intergranular attack shall be accepted."

PAGE 6

4.9, delete entirely.
4.9.1, delete entirely.
4.9.2, delete entirely.
4.9.3, delete entirely.

PAGE 7

Add "6.1.2 When type 316 is intended for use in nitric acid environments, corrosion testing per ASTM A262, practice C is recommended."
Add "6.1.3 Types 301 and 302 are susceptible to intergranular attack when used in a corrosive environment, and therefore should not be considered for use in those environments."

PAGE 9

Table I: Delete and substitute attached TABLE I. TABLE I forms page 3 of this amendment.

Table II: Delete and substitute attached TABLE II. TABLE II forms page 3 of this amendment.

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Table III a: Delete and substitute attached Table IIIa. Table IIIa forms page 4 of this amendment.

Table III b: Delete and substitute attached Table IIIb. Table IIIb forms page 5 of this amendment.

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Table III c: Delete and substitute attached Table IIIc. Table IIIc forms page 6 of this amendment.

The margins of this amendment are marked with an asterisk or vertical lines to indicate where changes (additions, modifications, corrections, deletions) from the previous amendment were 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 the relationship to the last previous amendment.

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Army - AR
Navy - AS
Air Force - 20

Review Activities:

Army - EA, MI
Navy - OS
Air Force - 99
DLA - IS

Preparing Activity

Navy - AS
(Project 9515-0604)

User Activities:

Army - ME