

MIL-S-46172A(MR)
AMENDMENT 2
17 July 1987

SUPERSEDING
AMENDMENT 1
2 July 1986

STEEL FORGINGS

This amendment forms a part of military Specification MIL-S-46172A(MR), dated 9 November 1984, and is approved for use by all Departments and Agencies of the Department of Defense.

Page 3

Paragraph 2.1.1, line 13, delete: "FED-STD-151 - Metals; Method"

Page 4

Paragraph 2.2, after line 7 add: "ASTM A751 - Standard Methods, Practices, and Definitions for Chemical Analysis of Steel Products"

Page 19

Paragraph 4.6.3.2, delete contents of paragraph in its entirety and substitute: "Unless otherwise specified in the contract or order, the sample size for acceptance inspection shall be in accordance with MIL-STD-105, inspection level 2, with an AQL of 2.5."

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Paragraph 4.6.4.2, line 20, add after word forging: "for instance, one on the top surface and one on the bottom surface, if possible,"

Page 22

Paragraph 4.6.4.4, line 17, add after word forging: "for instance, one on the top surface and one on the bottom surface, if possible,"

Page 23

Paragraph 4.6.5.2.1, line 5, add after word "A275: "to determine compliance with 3.8"

Page 24

Paragraph 4.6.7.1, delete contents of paragraph in its entirety and substitute: "Chemical analysis shall be conducted in accordance with the applicable methods specified in ASTM A751."

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/AREA FORG/

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Paragraph 4.7.13., delete paragraph in its entirety and substitute:
"Retest. When a test specimen fails to comply with the applicable requirements of this specification for reasons other than that specified in 4.7.1, retesting and resubmission of each rejected lot shall be allowed as follows: when no sampling plan is provided by the procuring agency (see 6.2) and where there is evidence that indicates that the specimen was not representative of the lot material, and when the detail specification does not otherwise specify, at least two specimens shall be selected to replace each test specimen which failed. All specimens so selected for retest shall meet the requirements of the specification or the lot shall be subject to rejection."

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Paragraph 6.2, delete section (n) in its entirety and substitute: "n. Magnetic particle inspection, if not required (see 3.8)."

Paragraph 6.2, add: "p. When retest procedures other than as specified in 4.7.1.3 are required."

Custodian:
Army - MR

Preparing activity
Army - MR

Review activity:
Army - AR

(Project FORG-A150)

User activity:
Army - ME, AT

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