

JAN-M-454

AMENDMENT-1

15 FEBRUARY 1952

MILITARY SPECIFICATION

MAGNESIUM-ALUMINUM ALLOY, POWDERED

This amendment forms a part of Military Specification JAN-M-454, 21 February 1947, and was approved by the Departments of the Army, the Navy, and the Air Force for use of the procurement services of the respective Departments.

Page 1, section A: Delete and substitute:

"A. APPLICABLE SPECIFICATIONS, STANDARDS, DRAWINGS, AND PUBLICATIONS

"A-1. The following specifications and standards, of the issue in effect on date of invitation for bids, form a part of this specification:

SPECIFICATIONS

FEDERAL

RR-S-366—Sieves: Standard, Testing.

MILITARY

MIL-G-2550—General Specification for Ammunition Except Small Arms Ammunition.¹

NAVY DEPARTMENT

General Specifications for Inspection of Material.²

STANDARDS

MILITARY

MIL-STD-129—Marking of Shipments.

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

"A-2 *Other publications.*—The following publication, of the issue in effect on date of invitation for bids, form a part of this specification:

INTERSTATE COMMERCE COMMISSION REGULATIONS

Regulations for the Transportation of Explosives and Other Dangerous Articles, etc.

(Application for copies should be addressed to the Interstate Commerce Commission, Washington 25, D. C.)"

Page 1, section c: Add:

"C-2 Type A powder shall be granular and shall contain no slivers, chips, or machine turnings."

Page 2, section E: Add:

"E-3. *Apparent density (type A powder only).*—The apparent density of type A powder shall be not less than 0.80 grams per cubic centimeter, when determined as specified in F-4m."

Page 3, paragraph F-3a, lines 1 and 2: Delete "U.S. Army Specification 50-0-1" and substitute "Specification MIL-G-2550."

Page 7, section F:

"F-4m *Apparent density*.—Assemble a Scott Volumeter as shown in figure 1. Place a number 80 U. S. Standard sieve, conforming Specification RR-S-366, in the hopper. Place a tared receiving cube, having an inner volume of 1 cubic inch, directly under the funnel of the apparatus. Pour slowly 15 to 20 grams of the powder (type A) into the hopper and brush, if necessary, until the cube is filled to overflowing. Strike off the excess powder from the cube with a spatula, taking care not to jar the cube during this operation. Weigh the cube and its contents. Calculate the apparent density of the powder by dividing the weight (in grams) of the powder by the volume (in cubic centimeters) on the cube. Make 3 separate determinations on each sample, and calculate the mean apparent density value of the powder.

Page 8, paragraph G-2: Delete and substitute.

"G-2. *Marking*.—In addition to any special marking required by the procuring agency, shipping containers shall be marked in accordance with Standard MIL-STD-129."

Page 8, paragraphs H-4, H-5, H-6, and H-7: Delete.

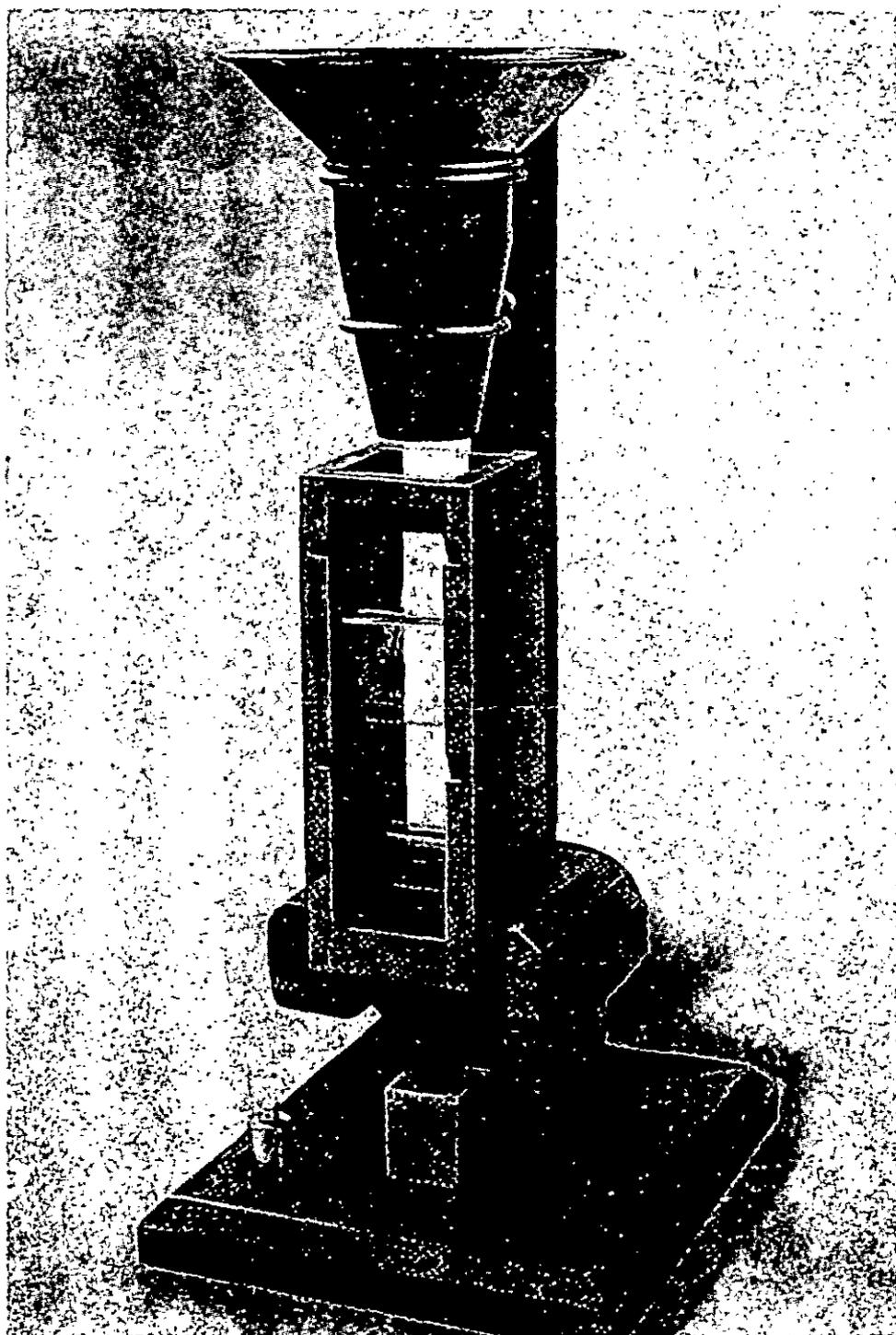
Page 8: Add attached figure 1.

Custodian:

Army—Ordnance Corps

Other interest:

Navy—Or.



—FIGURE 1.—Apparatus used for the determination of the apparent density of the powdered alloy.

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