in order of size. All discontinuity indications 1/64 inch and larger shall be as specified in Paragraph 3.6.2.2.

NOTE: As an alternate method the test specimen may conform to the requirements of specification AMS-2300. Inspection procedures, sampling and limitations on indications shall be in accordance with the minimum requirements of this specification.

4.2.6.3 Magnetic Inspection Retests: If the discontinuity indications on any test bar are in excess of the allowable limits specified in Paragraph 3.6.2.2 sufficient ingot cutback shall be made and a new sample shall be tested in the manner described herein.

4.2.7 Rejection and Retest on Production Material:

4.2.7.1 General: Materials failing to meet all the requirements of this specification (except as stated in Paragraph 4.2.7.2) shall be rejected. Where the failure of any lot of material to meet the requirements of this specification may be attributed to inadequate heat treatment, the material may be reheat treated and resubmitted for test. Only one such reheat treatment shall be permitted.

4.2.7.2 Tensile Retests: Where a tensile specimen's failure to meet the requirements is obviously due to improper testing procedure or malfunctioning of the testing equipment, the test shall be disregarded and another specimen tested.

4.2.8 Micro Inclusion Tests: Determination of micro inclusins shall be conducted in accordance with the requirements of Paragraph 3.6.2 and the results recorded.

4.2.9 Ultrasonic Testing: All material procured to this specification shall be ultrasonic inspected in accordance with Paragraph 3.11. Material not meeting the requirements specified shall be rejected.

5. IDENTIFICATION MARKING

5.1 The following information shall be legibly marked on billets, extrusions, rolled rings, bars, rods, plates, sheets and forging stock at intervals not more than three feet along the length of the piece:

FMS-1011
Physical Condition, Finish and Thickness
Heat Number
Manufacturer's Name or Trademark

5.2 Marking shall be accomplished with a suitable marking fluid that will not rub off or be smeared by contact incident to normal handling.

5.3 When it is not practicable to mark as specified above because of the size or shape of the material, embossed plastic, or cloth or metal tags marked by ink or metal impression stamp, respectively, shall be used. The marking tags shall be securely fastened to each item and shall contain the identification marking required in Paragraph 5.1.