

SAE-AMS2804

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SAE-AMS2804, "Castings, Identification," was adopted on October 3, 1994, for use by the Department of Defense (DoD). Proposed changes by DoD activities must be submitted to the DoD Adopting Activity: SA-ALC/TILDD, 485 Quentin Roosevelt Road, Kelly AFB, TX 78241-6425. DoD activities may obtain copies of this standard from the Standardization Document Order Desk, 700 Robbins Avenue, Building 4D, Philadelphia, PA 19111-5094. The private sector and other Government agencies may purchase copies from the Society of Automotive Engineers, 400 Commonwealth Drive, Warrendale, PA 15096.

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AEROSPACE MATERIAL SPECIFICATION

SAE

AMS 2804B

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Submitted for recognition as an American National Standard

IDENTIFICATION Castings

1. SCOPE:

This specification covers the requirements for identification of castings.

2. APPLICABLE DOCUMENTS:

The following publications form a part of this specification to the extent specified herein. The latest issue of SAE publications shall apply.

2.1 SAE Publications:

Available from SAE, 400 Commonwealth Drive, Warrendale, PA 15096-0001.

AS478 Identification Marking Methods

3. TECHNICAL REQUIREMENTS:

3.1 Marking Method:

(R)

Shall be in accordance with any method permitted by AS478, unless a specific method is listed on the casting drawing or purchase order. Marking materials and procedures shall have no deleterious effect on the castings or their performance.

- 3.1.1 When the casting configuration does not permit identification marking or
(R) when specified by purchaser, required identification shall be accomplished by tagging the castings or by marking the package containing the castings.

3.2 Location:

(R)

Shall be as specified on the casting drawing or purchase order.

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AMS 2804B

SAE

AMS 2804B

3.2.1 When a location has not been specified and a permanent marking method is (R) to be applied, the supplier shall select a location that does not encroach on any edge, corner, fillet, or designated high stress area.

3.2.2 When a location has not been specified and a non-permanent marking method (R) is to be applied, the supplier shall select a prominent location on the surface of the casting.

3.3 Required Information:

(R)

Shall be as specified on the casting drawing or purchase order. When required information is not specified, castings shall be identified with the following information.

Casting/Part Number

Manufacturer's Identification

Number(s) and/or letter(s) traceable to the chemical composition test data, as required by the casting material specification.

Number(s) and/or letter(s) traceable to the mechanical property test data, as required by the casting material specification.

Nondestructive testing acceptance marking, as required by the casting drawing and nondestructive testing specification.

3.3.1 Test Specimens: When test specimens are not attached to the castings, they shall be identified in accordance with the requirements of this specification to provide traceability to the castings they represent.

4. QUALITY ASSURANCE PROVISIONS:

4.1 Responsibility for Inspection:

The vendor of castings shall be responsible for inspection to ensure that the identification markings are legible and have been accomplished in accordance with the specified requirements.

5. PREPARATION FOR DELIVERY:

Not applicable.

6. ACKNOWLEDGMENT:

Not applicable.

7. REJECTIONS:

Castings not conforming to this specification, or to modifications authorized by purchaser, will be subject to rejection.