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Superseding AMS 2804B

Identification
Castings

1. SCOPE:

This specification covers the requirements for identification of castings.

2. APPLICABLE DOCUMENTS:

The issue of the following documents in effect on the date of the purchase order forms a part of this specification to the extent specified herein. The supplier may work to a subsequent revision of a document unless a specific document issue is specified. When the referenced document has been canceled and no superseding document has been specified, the last published issue of that document 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:

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 when specified by purchaser, required identification shall be accomplished by tagging the castings or by marking the package containing the castings.

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3.2 Location:

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

3.2.1 When a location has not been specified and a permanent marking method is 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 is to be applied, the supplier shall select a prominent location on the surface of the casting.

3.3 Required Information:

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.