

AMS 2268A**SAE****AMS 2268A****1. SCOPE:**

This specification covers chemical check (product or verification) analysis limits as established by AMS usage. The chemical check analysis limits shown herein shall apply when this specification is referenced in material specifications for cast nickel and nickel alloys. Check analysis limits for elements or for ranges of elements not listed herein shall be as specified in the applicable material specification or as agreed upon by purchaser.

2. APPLICABLE DOCUMENTS:

The following publications form a part of this specification to the extent specified herein. The latest issue of Aerospace Material Specifications shall apply. The applicable issue of other documents shall be as specified in AMS 2350.

2.1 SAE Publications:

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

2.1.1 Aerospace Material Specifications:

AMS 2350 Standards and Test Methods

2.2 ASTM Publications:

Available from American Society for Testing and Materials, 1916 Race Street, Philadelphia, PA 19103.

ASTM E88 Sampling Nonferrous Metals and Alloys in Cast Form for Determination of Chemical Composition

3. TECHNICAL REQUIREMENTS:**3.1 Analytical Procedures:**

Referee methods of analysis shall be by any method acceptable to purchaser and vendor.

3.2 Definitions:

3.2.1 Check (Product or Verification) Analysis: Analysis made by the purchaser after the nickel or alloy has been cast into semi-finished or finished shapes or fabricated into parts, and is either for the purpose of verifying the composition of a heat or lot or to determine variations in the composition within a heat. Acceptance or rejection of a heat or lot of castings or batch of parts may be made by the purchaser on the basis of this check analysis. In the analysis of finished parts, these values do not apply to elements whose percentage can be varied by fabricating techniques employed unless the sample is taken in such a manner as to exclude such changes.