



Designation: B 880 – 9803

Standard Specification for General Requirements for Chemical Check Analysis Limits for Nickel, Nickel Alloys and Cobalt Alloys¹

This standard is issued under the fixed designation B 880; the number immediately following the designation indicates the year of original adoption or, in the case of revision, the year of last revision. A number in parentheses indicates the year of last reapproval. A superscript epsilon (ε) indicates an editorial change since the last revision or reapproval.

1. Scope

1.1 This specification covers limits of variation for determining acceptability of the chemical composition of cast or wrought nickel, nickel alloy, and cobalt alloy parts and/or material supplied by a producer. Check analysis limits for elements or for ranges of elements not currently listed herein shall be as specified in the applicable material specification or as agreed upon by purchaser and supplier.

1.2 In case of any conflicting requirements, the requirements of the purchase order, the individual material specification, and this general specification shall prevail in the sequence named.

1.3 When specifically referenced in the material specification, the buyer may elect to apply check analysis limit to determine acceptability at his final acceptance or verification procedures. Check analysis limits are not permitted or are to be used by the producer for their own ladle or ingot analysis acceptance testing.

1.4 *This standard does not purport to address all of the safety concerns if any, associated with its use. It is the responsibility of the user of this standard to become familiar with all hazards including those identified in the appropriate Material Safety Data Sheet for this product/material as provided by the manufacturer, to establish appropriate safety and health practices, and determine the applicability of regulatory limitations prior to use.*

2. Referenced Documents

2.1 ASTM Standards:

¹ This test method specification is under the jurisdiction of Committee B-02 on Nonferrous Metals and Alloys², and is the direct responsibility of Subcommittee B02.07 on Refined Nickel and Cobalt and Their Alloys.

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