



Designation: B 275 – 02^{€1}4

An American National Standard

Standard Practice for Codification of Certain Nonferrous Metals and Alloys, Cast and Wrought¹

This standard is issued under the fixed designation B 275; 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 (€) indicates an editorial change since the last revision or reapproval.

This standard has been approved for use by agencies of the Department of Defense.

^{€1} ~~NOTE—Summary of Changes was added editorially in November 2003.~~

1. Scope*

1.1 This practice covers a system originally adopted for designating light metals and alloys, cast and wrought, and later extended to certain heavier, base-metal die-casting alloys. Those designations, which are currently being used in specifications under the jurisdiction of Committees B02 on Nonferrous Metals and Alloys and B07 on Light Metals and Alloys, are listed in Table X2.1.

1.1.1 The alloy designations now being used in Committee B07 specifications for aluminum and aluminum-alloy wrought and cast products conform to ANSI H35.1. Alloys formerly codified by this practice and the corresponding ANSI designations are shown in Tables X3.1 and X3.2.

1.2 This practice also provides a system for designating magnesium alloys that ~~has~~ have been used commercially since 1952, and thus is intended to be the registration source for new magnesium alloys. A record of designations along with the established compositions is given in Table X4.1.

1.3 The equivalent Unified Numbering System (UNS) alloy designations shown in the appendixes are in accordance with Practice E 527.

2. Referenced Documents

2.1 The following documents ~~of the issue in effect on date of material purchase~~ form a part of this practice to the extent referenced herein:

¹ This practice is under the jurisdiction of ASTM Committee B07 on Light Metals and Alloys and is the direct responsibility of Subcommittee B07.03 on Aluminum Alloy Wrought Products.

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*A Summary of Changes section appears at the end of this standard.