



**Designation: B914-00 Designation: B 914 – 03 (Reapproved 2008)**

## Standard Practice for Color Codes on Zinc and Zinc Alloy Ingot for Use in Hot-Dip Galvanizing of Steel<sup>1</sup>

This standard is issued under the fixed designation B 914; 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 ( $\epsilon$ ) indicates an editorial change since the last revision or reapproval.

### 1. Scope

1.1 This ~~S~~ standard is published with the following objectives:

1.1.1 To establish standard color codes for zinc, zinc alloy and zinc master alloy ingot used by the Hot-Dip Galvanizing industry, and

1.1.2 To standardize the use and application of these color codes.

~~1.3~~ 1.2 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 (MSDS) 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 The following documents of the issue in effect on date of order acceptance form a part of this specification to the extent referenced herein:

2.2 *ASTM Standards:*<sup>2</sup>

~~B 6 Standard Specification for Zinc~~ Specification for Zinc

B 275 Practice for Codification of Certain Nonferrous Metals and Alloys, Cast and Wrought

~~B 750 Standard Specification for Zinc-5% Aluminum-Mischmetal Alloy in Ingot Form for Hot-Dip Coatings~~

Specification for GALFAN (Zinc-5 % Aluminum-Mischmetal) Alloy in Ingot Form for Hot-Dip Coatings

~~B 852 Standard Specification for Zinc Alloys (CGG) for Continuous Hot-Dip Galvanizing of Sheet Steel<sup>3</sup>~~

Specification for Continuous Galvanizing Grade (CGG) Zinc Alloys for Hot-Dip Galvanizing of Sheet Steel

~~B 860 Standard Specification~~ Specification for Zinc Master Alloys for Use in ~~Hot-Dip~~ Hot Dip Galvanizing

B 899 Terminology Relating to Non-ferrous Metals and Alloys

~~E 527 Practice for Numbering Metals and Alloys (UNS)~~ Practice for Numbering Metals and Alloys in the Unified Numbering System (UNS)

2.3 *ISO Standard:*

~~ISO 752, Zinc~~ 752 Zinc and Zinc Alloys—Primary Zinc<sup>3</sup>

2.4 *CEN Standard:*

EN ~~H79;1179~~ Zinc and Zinc Alloys—Primary Zinc<sup>4</sup>

### 3. Terminology

3.1 Terms shall be defined in accordance with Terminology B 899.

### 4. Significance and Use

4.1 The purpose of these color codes is to allow for quick identification of ingot bundles or jumbo ingots of alloys used for

<sup>1</sup> This specification is under the jurisdiction of ASTM Committee B02 on Nonferrous Metals and Alloys and is the direct responsibility of Subcommittee B02.04 on Zinc and Cadmium.

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<sup>2</sup> Precision and Bias This practice is under the jurisdiction of ASTM Committee B02 on Nonferrous Metals and Alloys and is the direct responsibility of Subcommittee B02.04 on Zinc and Cadmium.

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<sup>3</sup> For referenced ASTM standards, visit the ASTM website, [www.astm.org](http://www.astm.org), or contact ASTM Customer Service at [service@astm.org](mailto:service@astm.org). For *Annual Book of ASTM Standards*, Vol 02.02, volume information, refer to the standard's Document Summary page on the ASTM website.

<sup>4</sup> Annual Book of ASTM Standards, Vol 02.04.

<sup>5</sup> Available from American National Standards Institute (ANSI), 25 W. 43rd St., 4th Floor, New York, NY 10036, <http://www.ansi.org>.

<sup>6</sup> Annual Book of ASTM Standards, Vol 01.01.

<sup>7</sup> Available from Global Engineering Documents, 15 Inverness Way, East Englewood, CO 80112-5704, <http://www.global.ihs.com>.