

**American Railway Engineering and Maintenance-of-Way Association  
Letter Ballot 15-22-09**

**Assignment:** At the February 2022 meeting, a ballot was proposed and accepted by the subcommittee and general committee members present to revise the commentary article on Galvanizing. This ballot presents the edits of the material for Article 9.3.4.1.4b.

**Rationale:** In discussing comments to Letter Ballot 15-21-22, there was interest in providing reasoning for why solders containing tin should not be used, so the subcommittee voted to bring this material for a letter ballot.

Submitted by: John Sanders, Chair SC8 (Coatings & Special Construction)

Due Date: April 29, 2022

Insert new Article 9.3.4.1.4b as shown below (additions shown as **underlined bold red**, deletions shown as **~~bold red strikethrough~~**, comments in brackets [ ] not part of published material).

9.3.4.1 COATING OF NEW STRUCTURAL STEEL (~~2022~~**2023**)

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9.3.4.1.4 Galvanizing

- a. ASTM A123 is the ... [remainder unchanged]
- b. Tin is avoided because it can cause liquid metal embrittlement.**
- c. When considering galvanizing of ... [remainder unchanged]