



B08 Subcommittee Scopes

B08.01 on Ancillary Activities

SCOPE: Provide liaison between ASTM B08 and the U.S. Government, Department of Defense, Metal Finishes and Finishing Procedures and Procedures Area (MFFP). Review U.S. Government Standardization documents for B08 interest. Review documents prepared by other organizations (i.e. AMS, SAE ISO, etc.) for B08 interest.

B08.02 on Pre-Treatment

SCOPE: The development and documentation, in the form of guides and recommended practices, of practical methods for the preparation of substrate materials for electroplating and related finishing. The scope of this subcommittee also includes stress relief baking prior to plating/coating, as well as hydrogen embrittlement relief baking after plating/coating.

B08.03 on Engineering Coatings

SCOPE: The development and documentation, in the form of practices, guides and specifications, of practical methods for the production of engineering or functional metallic coatings by autocatalytic and/or electro-deposition. This subcommittee also includes metallic electro, autocatalytic, immersion, electrophoretic, vacuum, plasma and detonation deposition coatings which incorporate or have been designed to exhibit nanoscale features.

B08.04 on Precious Metal Coatings

Scope: To develop, review, and update specifications, test methods, practices, and guides for precious metal coatings on products, including but not limited to the required properties and performance of coatings such as gold, silver, palladium, etc.

B08.05 on Decorative Coatings

Scope: To develop and periodically evaluate standards specifications—related to the application and testing of decorative coatings on various substrates.

B08.06 on Soft Metals:

Scope: To develop, review, and update specifications, guides or practices related to the application and use of soft metallic and inorganic coatings on products.

B08.07 on Conversion Coatings

SCOPE: Preparation of standards for all types of chemical conversion coatings on metallic substrates excluding anodic coatings on aluminum and magnesium and their alloys.



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B08.10 on Test Methods

SCOPE: Development and documentation, in the form of recommended practices or methods of tests, of specific tests general applicability to various kinds and types of electrodeposited and related coatings.

B08.12 on Materials for Porcelain Enamel and Ceramic-Metal Systems

SCOPE: Formulation of methods of tests and specifications needed for the evaluation and control of raw materials and materials in process. This will be accomplished by the review of existing standards and data from any recognized source and by the initiation of new investigations as required. Close coordination should be maintained with all other standardizing agencies.

B08.90 Executive Committee

SCOPE: To give the Committee executive direction.

B08.92 on Awards Committee

SCOPE: This committee will evaluate the contributions and achievements of B08 members and recommend awards of recognition. The committee will research committee and ASTM available awards of merit and prepare required documentation to support nominations when required.

History:

1. B08.90- Approved the sub-scopes of B08.03, B08.04, B08.05, B08.06- 5/2025.
2. B08.08- [Metallic Coatings]- Disbanded 6/2019.
3. B08.16- [Nanostructure Coatings]- Disbanded 6/2020.
4. B08.90- Approved B08.92 sub-scope on Awards- 11/2025.