

Recyclable Encapsulated Abrasive Media (in a Compressible Cellular Matrix)

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AMPP values your input. To provide feedback on this standard, please contact: standards@ampp.org

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Section 1: Scope

- 1.1 This standard provides requirements for selecting and evaluating abrasive media encapsulated in a compressible non-uniform cellular matrix used to blast clean steel and other surfaces prior to the application of protective coatings. The standard also includes requirements for quality control of new and recycled media.

Section 2: Description

- 2.1 **Encapsulated Abrasive Media:** Encapsulated abrasive media consist of natural or manufactured abrasive grains surrounded by a dry, compressible, open-cell material. These abrasives are used to reduce dust generation and ricochet damage to adjacent surfaces when blast cleaning, and to “feather” the edges of intact coating during spot repair procedures of coatings on steel and other substrates. During the recycling process, the media is cleaned to remove abrasive fines and debris, including paint, rust, mill scale, and other contaminants.
- 2.2 **Recycled Abrasive Working Mix:** The working mix develops during blast cleaning and recycling and is composed of new and recycled encapsulated abrasive media.
- 2.3 **Definitions**

Qualification tests are tests that are run to qualify that a material meets the requirements of the standard.

Conformance tests are tests that are performed to verify that the material being submitted has the same properties as the material that initially qualified.

Quality control tests are field tests that are performed to verify that the material complies with specified requirements immediately prior to use.

Section 3: Referenced Standards

- 3.1 The latest issue, revision, or amendment of the referenced documents in effect on the date of invitation to bid shall govern unless otherwise specified. Those documents marked with an asterisk (*) are referenced only in the Appendix A Notes (nonmandatory) and do not affect requirements of this standard.
- 3.2 If there is a conflict between the requirements of any of the cited referenced standards and this standard, the requirements of this standard shall prevail.

AMPP/NACE/SSPC, www.ampp.org:

SSPC-AB 1	Mineral and Slag Abrasives
SSPC-AB 3	Ferrous Metallic Abrasives

ASTM International, www.astm.org:

ASTM D4510	Standard Test Method for Conductimetric Analysis of Water Soluble Ionic Contamination of Blast Cleaning Abrasives
* ASTM A4417	Standard Test Method for Field Measurement of Surface Profile of Blast Cleaned Steel
ASTM D1393	Standard Practice for Indicating Oil in Abrasives
ASTM E11	Standard Specification for Woven Wire Test Sieve Cloth and Test Sieves