

Qualifying Personnel as Abrasive Blasters and Coating and Lining Applicators in the Rail Industry

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Foreword

This AMPP standard practice provides guidelines for qualifying personnel as abrasive blasters and coating and lining applicators in the rail industry. The intent of this standard is to foster personal growth of the individuals and technical continuity in the areas of surface preparation and coating and lining of railcar equipment. This standard outlines a formal system of training and qualification that recognizes the knowledge, skill, and technical competency of the individuals engaged in this work.

This standard is intended for use by employers, managers, and others in the rail industry who have a need for such guidelines in their efforts to provide suitable training and qualification of their abrasive blasters and coating and lining applicators to comply with regulations, meet customer requirements, and enhance the effectiveness of their operations.

Scope

This AMPP standard is intended for use by North America-based rail car manufacturers and repairers who are seeking guidance for the development of a written practice and an in-house training and qualification program for this subject matter.

Rationale

This standard was reviewed by SC 17 and deemed to have continuing relevance to the rail industry, hence it is being revised.

In AMPP standards, the terms *shall* and *must* are used to state requirements and are considered mandatory. The term *should* is used to state something that is recommended, but is not considered mandatory. The term *may* is used to state something considered optional.

Section 1: General

- 1.1 The quality of a coating or lining application depends greatly on the capabilities of each individual performing the work. This standard has been prepared to establish guidelines for the qualification of abrasive blasters and coating and lining applicators. These jobs require appropriate knowledge, skills, and experience of specific technical principles.
- 1.2 This standard has been developed to aid in recognizing the essential qualifications of personnel engaged in abrasive blasting and the application of coating and lining systems in railcar equipment.
- 1.3 In developing a written practice in accordance with [Section 5](#), the employer shall review the detailed guidelines presented in this standard and shall modify them as necessary to meet specific needs. Any modification shall not compromise the quality of either workmanship or application and shall be documented for review.

Section 2: Definitions

Abrasive Blast Cleaning: Cleaning and roughening of a surface produced by the high-velocity impact of an abrasive that is propelled by the discharge of pressurized fluid from a blast nozzle or by a mechanical device such as a centrifugal blasting wheel. (Also referred to as **Abrasive Blasting**.)

Coating: A liquid, liquefiable, or mastic composition that, after application to a surface, is converted into a solid protective, decorative, or functional adherent film.

Employer: The corporate or private entity that employs personnel for wages or salary.