

# Technical Specification for Application and Inspection of Electrostatically-Sprayed Fluoropolymer Powder Coatings

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## Document History:

2023-03-29: Approved by AMPP Standards Committee (SC) 04, Linings & Internal Coatings

AMPP values your input. To provide feedback on this standard, please contact: [standards@ampp.org](mailto:standards@ampp.org)

AMPP SP21492-2023

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## Foreword

This standard practice contains requirements for application of fluoropolymer powder coatings to steel substrates located in process vessels and equipment used in the chemical, electronic, pharmacy, and food industries.

## Scope

This standard applies to electrostatic spraying of fluoropolymer powder coatings on steel equipment and vessels. It specifies surface preparation, coating application and inspection requirements for the quality of the coatings.

## Rationale

This standard practice was developed to inform the user on methods for application and inspection of fluoropolymer powder coatings used on steel equipment and vessels.

## Referenced Standards and Other Consensus Documents

The latest edition, revision, or amendment of the referenced documents in effect shall govern unless otherwise dated.

### **AMPP/NACE/SSPC, [www.amp.org](http://www.amp.org):**

NACE SP0188	Discontinuity (Holiday) Testing of Protective Coatings
NACE TM0174	Laboratory Methods for the Evaluation of Protective Coatings and Lining Materials on Metallic Substrates in Immersion Service
NACE TM0185	Evaluation of Internal Plastic Coatings for Corrosion Control of Tubular Goods by Autoclave Testing
NACE SP0287	Field Measurement of Surface Profile of Abrasive Blast-Cleaned Steel Surfaces Using a Replica Tape
SSPC-AB 1	Mineral and Slag Abrasives
SSPC-AB 2	Cleanliness of Recycled Ferrous Metallic Abrasives
SSPC-AB 3	Newly Manufactured or Re-Manufactured Steel Abrasives
SSPC-PA 2	Procedure for Determining Conformance to Dry Coating Thickness Requirements
SSPC-SP 5/NACE No. 1	White Metal Blast Cleaning

### **ASTM International (ASTM), [www.astm.org](http://www.astm.org):**

ASTM E 117	Standard Test Methods for Field Measurement of Surface Profile of Blast Cleaned Steel
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