

GP 19-04-01	Glass Reinforced Plastic Tank Bottom Linings	February 2002
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Glass Reinforced Plastic Tank Bottom Linings

GP 19-04-01

Scope

- 1) [I] This Global Practice (GP) covers the selection, design, application, and inspection of glass reinforced plastic (GRP) linings to the bottoms of storage tanks.
 - 2) [I] An asterisk (*) indicates that a decision by Purchaser is required or that additional information is furnished by Purchaser.
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1. Required References

- 1) [I] This Section lists Practices and Standards that are generically referenced and assumed to be a part of this document. Unless otherwise specified herein, use the latest edition.
- 2) * [I] In addition to the requirements of this Practice, Lining Vendor's application specifications shall be followed. All conflicts with this Practice shall be submitted to Purchaser for Owner's Engineer approval.

1.1. ASTM–American Society of Testing and Materials

ASTM C 581	Standard Practice for Determining Chemical Resistance of Thermosetting Resins Used in Glass-Fiber-Reinforced Structures Intended for Liquid Service
ASTM D 2563	Standard Practice for Classifying Visual Defects in Glass-Reinforced Plastic Laminate Parts
ASTM D 2583	Standard Test Method for Indentation Hardness of Rigid Plastics by Means of a Barcol Impressor

1.2. NACE–National Association of Corrosion Engineers

NACE RP0188	Discontinuity (Holiday) Testing of New Protective Coatings on Conductive Substrates
NACE RP0287	Field Measurement of Surface Profile of Abrasive Blast Cleaned Steel Surfaces Using a Replica Tape

1.3. SSPC–Society for Protective Coatings

SSPC PA 1	Shop, Field, and Maintenance Painting (Steel Structures Painting Manual, Ch 5 - Paint Application Specs.)
SSPC PA 2	Measurement of Dry Coating Thickness with Magnetic Gages (Steel Structures Painting Manual, Ch 5 - Paint Application Specs.)
SSPC SP 10	Near-White Metal Blast Cleaning NACE No.2-2000 (Steel Structures Painting Manual, Ch 2 - Surface Preparation Specs.)
SSPC VIS 1	Visual Standard for Abrasive Blast Cleaned Steel (Standard Reference Photographs) Editorial Changes September 1,2000 (Steel Structures Painting Manual, Ch 2 - Surface Preparation Specs.)