

GP 19-03-01	Gunite for Linings and Fireproof Coatings	July 2001
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Gunite for Linings and Fireproof Coatings

GP 19-03-01

Scope

[I] This Global Practice (GP) covers the material composition and application of gunite (shotcrete) for internal linings of equipment and for fireproofing vessels and structural members.

[I] An asterisk (*) indicates that a decision by the Purchaser is required, or that additional information is furnished by the Purchaser.

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1. Required References

[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.

1.1. Global Practices–ExxonMobil Engineering Practices

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2. Additional Requirements

[I] The following additional requirements shall be used with this GP as specified by the Owner's Engineer.

2.1. ACI–American Concrete Institute

ACI 506.2	Specification for Shotcrete
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2.2. ASTM–American Society for Testing and Materials

ASTM A 184/A 184M	Standard Specification for Welded Deformed Steel Bar Mats for Concrete Reinforcement
ASTM A 185	Standard Specification for Steel Welded Wire Reinforcement, Plain, for Concrete
ASTM C 33	Standard Specification for Concrete Aggregates
ASTM C 150	Standard Specification for Portland Cement

2.3. NACE–Nace International

NACE NO. 3	Commercial Blast Cleaning SSPC-SP 6-2000
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2.4. Temperature Limitations

[R] The requirements of this GP apply to internal linings of equipment where the operating temperature is less than 500°F (260°C) and fire protective coatings.

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