

Appendix A References

A-1. Required Publications

Section I

Code of Federal Regulations (CFR)

Title 29 "Labor" contains Office of Safety and Health Administration (OSHA) standards. Copies of CFRs may be obtained from the Superintendent of Documents, U.S. Government Printing Office, Washington, DC 20402.

CFR 29 Part 1910, OSHA

Occupational Safety and Health Standards

CFR 48 1-10.002

Federal Acquisition Regulation - Small Purchase and Other Purchase Procedures

Section II

Federal Agencies

MIL-STD-1687A(SH)

Thermal Spray Processes for Naval Ship Machinery Applications

CID A-A-2962

Enamel, Alkyd

CID A-A-3127

Coating System: Aluminum Epoxy Mastic , For Minimally Prepared Atmospheric Steel

CID A-A-3132

Coating System: Epoxy Primer/Polyurethane Topcoat, For Minimally Prepared Atmospheric Steel

CID A-A-3054

Paint: Heat Resisting (204 deg. C)

TT-P-28

Paint, Aluminum, Heat Resistant (1200 °F)

TT-P-38

Paint, Aluminum (Ready-Mixed)

TM 5-811-7

Electrical Design, Cathodic Protection

ER 1110-2-1200

Plans and Specifications for Civil Works Projects

EM 1110-2-3401
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EM 385-1-1
Safety and Health Requirements

EM 1110-2-2704
Cathodic Protection Systems for Civil Works Projects

EM 1110-2-3400
Painting: New Construction and Maintenance

ETL 1110-3-474
Cathodic Protection

CEGS-09971
Metallizing: Hydraulic Structures

CEGS 09965
Painting: Hydraulic Structures and Appurtenant Works

Section III
Other Sources

ACGIH-02
American Conference of Governmental Industrial Hygienists. 1996. "Chemical Substances and Physical Agents and Biological Exposure Indices," Cincinnati, OH.

ANSI/AWS A5.01-93
American National Standards Institute/American Welding Society 1993. "Filler Metal Procurement Guidelines," New York.

ANSI/AWS C2.18-93
American National Standards Institute/American Welding Society. 1993. "Protection of Steel with Thermal Sprayed Coatings of Aluminum and Zinc and Their Alloys and Composites," New York.

ANSI Z49.1
American National Standards Institute. 1994. "Safety in Welding, Cutting and Allied Processes," New York.

ANSI Z87.1
American National Standards Institute. 1989. "Practice for Occupational and Educational Eye and Face Protection," New York.

ANSI Z89.1
American National Standards Institute. 1986. "Protective Headwear for Industrial Workers," New York.

ASTM C633-79
American Society for Testing and Materials. 1993. "Standard Test Method for Adhesion or Cohesive Strength of Flame-Sprayed Coatings," Philadelphia, PA.

ASTM D235-95

American Society for Testing and Materials. "Standard Specification for Mineral Spirits (Petroleum Spirits)(Hydrocarbon Dry Cleaning Solvent)," Philadelphia, PA.

ASTM D1200-94

American Society for Testing and Materials. "Standard Test Method for Viscosity by Ford Viscosity Cup," Philadelphia, PA.

ASTM D3734-96

American Society for Testing and Materials. "Standard Specification for High-Flash Aromatic Naphthas," Philadelphia, PA.

ASTM D4138-94

American Society for Testing and Materials. "Standard Test Methods for Measurement of Dry Film Thickness of Protective Coating Systems by Destructive Means," Philadelphia, PA.

ASTM D4285-83

American Society for Testing and Materials. 1993. "Standard Test Method for Indicating Oil or Water in Compressed Air," Philadelphia, PA.

ASTM D4417-93

American Society for Testing and Materials. "Standard Test Methods for Field Measurement of Surface Profile of Blast Cleaned Steel," Philadelphia, PA.

ASTM D4541-95e1

American Society for Testing and Materials. "Standard Test Method for Pull-Off Strength of Coatings Using Portable Adhesion Testers," Philadelphia, PA.

ASTM D4940-89

American Society for Testing and Materials. "Standard Test Method for Conductimetric Analysis of Water Soluble Ionic Contamination of Blasting Abrasives," Philadelphia, PA.

ASTM E337-84

American Society for Testing and Materials. 1996e1. "Standard Test Method for Measuring Humidity with a Psychrometer (The Measurement of Wet- and Dry-Bulb Temperatures)," Philadelphia, PA.

CGA G7.1

Compressed Gas Association. 1997. "Commodity Specification for Air," Arlington, VA.

CGA P-1

Compressed Gas Association. 1991; Interim Amendment 1, 1992; Interim Amendment 2, 1993. "Safe Handling of Compressed Gases in Containers," Arlington, VA.

ISO 8502-6

International Organization for Standardization. 1995. "Extraction of Soluble Contaminants for Analysis - The Bresle Method," Geneva, Switzerland.

NACE #1

National Association of Corrosion Engineers. 1983. "White Metal Blast Cleaning," Houston, TX.

EM 1110-2-3401
29 Jan 99

NACE #2

National Association of Corrosion Engineers. 1983. "Near-White Metal Blast Cleaning," Houston, TX.

NACE #5

National Association of Corrosion Engineers. 1996. "Surface Preparation and Cleaning of Steel and Other Hard Materials by High- and Ultrahigh-Pressure Water Jetting Prior to Recoating," Houston, TX.

NFPA 70

National Fire Protection Association. 1993. "National Electrical Code," Quincy, MA.

SAE J827

Society of Automotive Engineers. "Cast Steel Shot," Warrendale, PA.

SSPC-AB 2 1997

The Society for Protective Coatings. "Specification for Cleanliness of Recycled Ferrous Metallic Abrasives," Pittsburgh, PA.

SSPC-AB 3 1997

The Society for Protective Coatings. "Newly Manufactured or Re-Manufactured Steel Abrasives," Pittsburgh, PA.

SSPC-SP 1 1982

The Society for Protective Coatings. "Solvent Cleaning," Pittsburgh, PA.

SSPC-SP 5 1985 (edited 1991)

The Society for Protective Coatings. "White Metal Blast Cleaning," Pittsburgh, PA.

SSPC-SP 10 1985 (edited 1991)

The Society for Protective Coatings. "Near-White Blast Cleaning," Pittsburgh, PA.

SSPC-SP 12

The Society for Protective Coatings. "Surface Preparation and Cleaning of Steel and Other Hard Materials by High- and Ultrahigh-Pressure Water Jetting Prior to Recoating," Pittsburgh, PA.

SSPC-TU 4 1998

The Society for Protective Coatings. 1998. "Technology Update: Field Methods for Retrieval and Analysis of Soluble Salts on Substrates," Pittsburgh, PA.

SSPC VIS 1 1989

The Society for Protective Coatings. "Visual Standard for Abrasive Blast Cleaned Steel," Pittsburgh, PA.

SSPC Paint No. 20 1991

The Society for Protective Coatings. "Zinc-Rich Primers (Type I - Inorganic and Type II - Organic)," Pittsburgh, PA.

SSPC Paint No. 27 1991

The Society for Protective Coatings. "Basic Zinc Chromate-Vinyl Butyral Wash Primer," Pittsburgh, PA.

SSPC Painting Manual

The Society for Protective Coatings. 1995. "Volume 2, Systems and Specifications," Pittsburgh, PA.

SSPC Publication 91-07

The Society for Protective Coatings. 1991. "Effect of Surface Contaminants on Coating Life," Boocock, S.K., Weaver, R.E.F., Appleman, B.R., and Soltz, G.C. Pittsburgh, PA.

A-2. Related Publications

CFR 40, EPA

Code of Federal Regulations. "Protection of the Environment." U.S. Environmental Protection Agency standards.

MIL-D-23003A(SH)

Deck Covering Compound, Nonslip, Rollable.

FHWA 1997

Federal Highway Administration. 1997. "Environmentally Acceptable Materials for the Corrosion Protection of Steel Bridges," FHWA-RD-96-058.

ANSI/NSF 61-1997b

American National Standards Institute/National Sanitation Foundation. "Drinking Water System Components - Health Effects," New York.

SSPC 97-07

The Society for Protective Coatings. 1997. "The Inspection of Coatings and Linings: A Handbook of Basic Practice for Inspectors, Owners and Specifiers," Pittsburgh, PA.

SSPC-SP COM 1995

The Society for Protective Coatings. 1995. "Surface Preparation Commentary," Pittsburgh, PA.

Clemco Industries

Clemco Industries Corporation. 1994. "Blast Off: Your Guide to Safe and Efficient Abrasive Blasting," Washington, MO.

USACERL 1997

U.S. Army Construction Engineering Research Laboratories. "Cavitation- and Erosion-Resistant Thermal Spray Coatings," Technical Report 97/118.