

APPENDIX A

REFERENCES

Required Publications

Government Publications

Department of Defense:

MIL-HDBK-419A

Grounding, Bonding, and Shielding for Electronic Equipment and Facilities (Cited in paras 6-5o, 10-16, 10-19)

MIL-HDBK-1008C

Fire Protection for Facilities Engineering, Design, and Construction (Cited in paras 6-1, 6-5a, 6-5c, 6-8d, 6-10j, 6-12, 6-19a, 6-23a)

MIL-HDBK-1022

Petroleum Fuel Facilities (Cited in para 6-19)

MIL-STD-882

System Safety Program Requirements (Cited in para 2-2c(1))

MIL-STD-1472

Human Engineering Design Criteria for Military Systems, Equipment, and Facilities (Cited in paras 2-2b, 5-6)

MIL-STD-1474

Noise Limits for Military Material (Cited in para 5-6)

Department of the Army:

AR 11-27

Army Energy Program (Cited in para 7-17b)

AR 200-1

Environmental Protection and Enhancement (Cited in para 8-1b)

AR 420-49

Utility Services (Cited in paras 7-18d, 8-1, 8-1b)

AR 420-79

Natural Resources; Land, Forrest, and Wildlife Management (Cited in para 8-1b)

DA PAM 40-501

Hearing Conservation Program (Cited in para 5-6)

TM 5-691

TM 5-650

Repairs and Utilities: Central Boiler Plants (Cited in para 5-6)

TM 5-653

Steam, Hot Water and Gas Distribution Systems: Inspection and Preventive Maintenance Services (Cited in para 7-17e)

TM 5-660

Maintenance and Operation of Water Supply, Treatment and Distribution Systems (Cited in paras 8-9b, 8-15)

TM 5-685

Operation, Maintenance, and Repair of Auxiliary Generators (Cited in para 9-1)

TM 5-785

Engineering Weather Data (Cited in para 10-17)

TM 5-805-4

Noise and Vibration Control (Cited in para 7-32)

TM 5-810-1

Mechanical Design Heating, Ventilating, and Air-Conditioning (Cited in paras 7-1c, 7-1f, 7-15b)

TM 5-810-4

Compressed Air (Cited in para 8-7)

TM 5-810-5 (Cited in para 8-16)

Plumbing

TM 5-811-1

Electrical Power Supply and Distribution (Cited in paras 10-4a, 10-7a, 10-9, 10-16)

TM 5-811-2

Electrical Design, Interior Electrical Systems (Cited in paras 10-12, 10-16)

TM 5-811-3

Electrical Design: Lightning and Static Electricity Protection (Cited in para 10-17)

TM 5-811-6

Electric Power Plant Design (Cited in paras 10-5a, 10-17)

TM 5-811-7

Electrical Design, Cathodic Protection (Cited in para 10-21)

TM 5-814-1

Sanitary and Industrial Wastewater Collection, Gravity Sewers and Appurtenances (Cited in para 4-3b(2))

TM 5-814-2

Sanitary and Industrial Wastewater Collection-Pumping Stations and Force Mains (Cited in paras 4-3b(2), 8-16c)

TM 5-815-3

Heating, Ventilation and Air Conditioning (HVAC) Control Systems (Cited in para 7-31)

TM 5-818-1

Soils and Geology: Procedures for Foundation Design of Buildings and Other Structures (except Hydraulic Structures) (Cited in para 5-2)

TM 5-855-4

Heating, Ventilating, and Air Conditioning of Hardened Installations (Cited in para 8-4a)

TM 5-858-5

Designing Facilities to Resist Nuclear Weapons Effects: Air Entrainment, Fasteners, Penetration Protection, Hydraulic Surge Protection Devices, and EMP Protective Devices (Cited in para 7-9d)

TM 5-858-7

Designing Facilities to Resist Nuclear Weapon Effects - Facility Support Systems (Cited in para 7-10a)

Code of Federal Regulations

28 CFR 36

Americans with Disabilities Act (ADA) (Cited in para 8-1d)

29 CFR 1910.151.c

Occupational Safety and Health Administration (OSHA) (Cited in para 8-14a)

29 CFR 1926

Safety and Health Regulations for Construction (Cited in para 4-3b(5))

40 CFR 141

National Primary Drinking Water Regulations (Cited in para 8-13)

40 CFR 280

Underground Storage Tanks (Cited in para 8-5d)

Other Government Documents:

Federal Information Processing Standards (FIPS) Pub 94

Guideline of Electrical Power for ADP Installations (Cited in para 10-16)

Non-Government Publications

American National Standards Institute (ANSI):

1430 Broadway, New York, NY 10018

ANSI A13.1

Scheme for the Identification of Piping Systems (1996) (Cited in paras 7-17c, 9-1.d)

ANSI B31.3

Code for Pressure Piping, Chemical Plant, and Petroleum Refinery Piping (1999) (Cited in paras 8-4, 8-7, 8-17b)

ANSI C2
National Electrical Safety Code (1997) (Cited in para 10-18c(4))

ANSI C50.10
Rotating Electrical Machinery- Synchronous Machines (DOD Adopted) (1990) (Cited in para 10-5b)

ANSI C84.1
Electrical Power Systems and Equipment – Voltage Ratings (60 Hertz) (1995) (Cited in paras 10-3a, 10-15f)

ANSI Z358.1
Emergency Eyewash and Shower Equipment (1998) (Cited in para 8-14a)

American Society for Testing and Materials (ASTM):
100 Barr Harbor Drive, West Conshohocken, PA 19428-2959

ASTM E779
Standard Test Method for Determining Air Leakage Rate by Fan Pressurization (1992) (Cited in para 7-10d)

ASTM D-92
Standard Test Method for Flash and Fire Points by Cleveland Open Cup (1998) (Cited in para 6-23b)

ASTM D2680
Standard Specification for Acrylonitrile-Butadiene-Styrene (ABS) and Poly (Vinyl Chloride) (PVC) Composite Sewer Piping (1995) (Cited in para 4-3c)

American Society of Civil Engineers (ASCE)
345 East 47th Street, New York, NY, 10017-2398

ASCE 77
Design and Construction of Urban Stormwater Management Systems (1993) (Cited in paras 4-3b(2), 4-3b(3))

American Society of Heating, Refrigeration, and Air Conditioning Engineers (ASHRAE):
1791 Tullie Circle, NE, Atlanta, GA 30329

ASHRAE 15
Safety Code for Mechanical Refrigeration (1994) (Cited in paras 7-21b, 7-27)

ASHRAE 62
Ventilation for Acceptable Indoor Air Quality (1989) (Cited in para 7-10g)

American Waterworks Association (AWWA):
6666 West Quincy Avenue, Denver, CO 80235

AWWA C151
Ductile-Iron Pipe, Centrifugally Casts for Water (1996) (Cited in para 4-3c)

AWWA C651
Disinfecting Water Mains (1992) (Cited in para 8-9b)

AWWA C652
Disinfection of Water Storage Facilities (1992) (Cited in para 8-9b)

AWWA C653
Disinfection of Water Treatment Plants (1997) (Cited in para 8-9b)

AWWA C654
Disinfection of Wells (1987) (Cited in para 8-9b)

AWWA D100
Welded Steel Tanks for Water Storage (1996) (Cited in para 8-22)

Institute of Electrical and Electronic Engineers (IEEE):
445 Hoes Lane, P. O. Box 1331, Piscataway, NJ 08855-1331

IEEE C57.110
IEEE Recommended Practice for Establishing Transformer Capability When Supplying Non-Sinusoidal Load Currents (1998) (Cited in para 10-9a)

IEEE 141
IEEE Recommended Practice for Electric Power Distribution for Industrial Plants (1993) (Cited in para 10-5f)

IEEE 142
IEEE Recommended Practice for Grounding of Industrial and Commercial Power Systems (1991) (Cited in para 10-16)

IEEE 242
IEEE Recommended Practice for Protection and Coordination of Industrial and Commercial Power Systems (1986) (Cited in paras 10-5e, 10-8c, 10-20b)

IEEE 446
IEEE Recommended Practice for Emergency and Standby Power Systems for Industrial and Commercial Applications (1995) (Cited in paras 10-15c, 10-15g, 10-15j(2))

IEEE 485
IEEE Recommended Practice for Sizing Lead-Acid Batteries for Stationary Applications (1997) (Cited in para 10-15j(3))

IEEE 519
IEEE Recommended Practices and Requirements for Harmonic Control in Electric Power Systems (1992) (Cited in para 10-3e)

IEEE 1100
IEEE Recommended Practice for Powering and Grounding Sensitive Electronic Equipment (Cited in paras 10-16, 10-16f)

National Association of Corrosion Engineers
1440 South Creek Drive, Houston, TX 77084

NACE RP0169

Control of External Corrosion on Underground or Submerged Metallic Piping Systems (1996) (Cited in para 10-21)

National Electrical Manufacturer's Association (NEMA):
2101 L Street, NW, Suite 300, Washington, DC 20037

NEMA MG 1

Motors and Generators (DOD Adopted) (1998) (Cited in para 10-5b)

National Fire Protection Association (NFPA):
One Batterymarch Park, P. O. Box 9101, Quincy, MA 02269-9101

NFPA 10

Portable Fire Extinguishers (1998) (Cited in paras, 6-5, 6-5b, 6-14c)

NFPA 13

Installation of Sprinkler Systems (1999) (Cited in paras 6-5a, 6-5b, 6-5c, 6-5g, 6-5i, 6-10c, 8-12b(6))

NFPA 14

Installation of Standpipe and Hose Systems (1996) (Cited in paras 6-5b, 6-12d)

NFPA 15

Water Spray Fixed Systems for Fire Protection (1996) (Cited in para 6-5b)

NFPA 20

Standard for the Installation of Stationary Fire Pumps for Fire Protection (1999) (Cited in paras 6-10c, 6-11, 6-11c)

NFPA 22

Water Tanks for Private Fire Protection (1998) (Cited in paras 6-10c, 8-22)

NFPA 24

Private Fire Service Mains (1995) (Cited in paras 6-10c, 6-10k, 8-12b(3))

NFPA 30

Flammable and Combustible Liquids Code (1996) (Cited in paras 6-19, 6-19d, 7-16, 8-5a(1), 8-5c, 8-5d, 8-5e, 8-5f, 8-5g, 8-10b, 10-21b)

NFPA 37

Stationary Combustion Engines and Gas Turbines (1998) (Cited in paras 6-14, 6-19, 7-13, 7-16, 8-5a(1), 8-5f, 8-8)

NFPA 70

National Electrical Code (1999) (Cited in paras 6-12c, 6-14, 6-18a, 6-23a, 6-23c, 7-14c, 7-15, 10-1, 10-16, 10-20)

NFPA 72

National Fire Alarm Code (1999) (Cited in paras 6-13c, 6-14d, 10-18b, 10-18b(3), 10-18b(3)(c), 10-18b(4) through (8))

NFPA 75

Electronic Computer/Data Processing Equipment (1999) (Cited in para 6-12)

NFPA 90A

Installation of Air Conditioning and Ventilation Systems (1999) (Cited in para 7-20)

NFPA 92A

Smoke-Control Systems (1996) (Cited in para 7-20)

NFPA 101

Life Safety Code (1997) (Cited in paras 5-7, 6-13)

NFPA 110

Emergency and Standby Power Systems (1999) (Cited in 6-14, 7-12, 7-13, 7-16, 8-6f)

NFPA 111

Stored Electrical Energy Emergency and Standby Power Systems (1996) (Cited in paras 6-15, 7-14)

NFPA 211

Standard for Chimneys, Fireplaces, Vents, and Solid Fuel-Burning Appliances (1996) (Cited in para 7-13)

NFPA 214

Water Cooling Towers (1996) (Cited in para 6-25)

NFPA 230

Fire Protection of Storage (1999) (Cited in para 6-20)

NFPA 1221

Installation, Maintenance, and Use of Public Fire Service Communication Systems (1999) (Cited in paras 10-18b(4))

Underwriters' Laboratories, Inc. (UL)

333 Pfingsten Road, Northbrook, IL 60062-2096

UL 723

Safety Test for Surface Burning Characteristics of Building Materials (1996) (Cited in para 8-21a)