

APPENDIX A

REFERENCES

Required Publications

Government Publications

Department of Commerce

Federal Information Processing Standards (FIPS) pub 94
Guideline of Electrical Power for ADP Installations (cited in figures 4-5, 4-6).

Non-Government Publications

American National Standards Institute (ANSI)

1430 Broadway, New York, NY 10018

ANSI C57.110
Recommended Practice for Establishing Transformer Capability when Supplying Non-sinusoidal Load Currents (1998) [cited in paragraph 2-1n(4)]

ANSI/IEEE 519
Recommended Practices and Requirements for Harmonic Control in Electrical Power Systems, (1992) (cited in table 2-2)

ANSI/NEMA MG-1
Motors and Generators, (1978) (cited in paragraph 3-3b)

Institute of Electrical and Electronic Engineers (IEEE)

445 Hoes Lane, P. O. Box 1331, Piscataway, NJ 08855-1331

IEEE 446
Orange Book, Emergency and Standby Power Systems for Industrial and Commercial Applications, (1996) (cited in paragraph 2-3, Table 3-1)

IEEE 450
Recommended Practice for Maintenance, Testing, and Replacement of Vented Lead-Acid Batteries for Stationary Applications, (1995) [cited in paragraphs 3-2b(2), 5-2c, 5-2c(1), 5-2c(2)(k), 5-2f(4), 5-2f(5)(6)]

IEEE 500
IEEE Guide to the Collection and Presentation of Electrical, Electronic, Sensing Component, and Mechanical Equipment Data for Nuclear-Power Generating Stations, (1984) [cited in paragraph 3-1f(1)]

TM 5-693

IEEE 1106

Recommended Practice for Installation, Maintenance, Testing, and Replacement of Vented Nickel-Cadmium Batteries for Stationary Applications, (1995) [cited in paragraphs 5-2c(1), 5-2c, 5-2c(2), 5-2d, 5-2f(5)(b)]

National Fire Protection Association (NFPA)

One Batterymarch Park, P. O. Box 9101, Quincy, MA 02269-9101

NFPA 70

National Electrical Code, (1999) [cited in paragraphs 2-1n(3), 3-1e, 5-2d]

RELATED PUBLICATIONS

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Department of the Army

TM 5-682

Facilities Engineering Electrical Facilities Safety, November 1983

TM 5-683

NAVFAC MO-116/AFJMAN 32-1083, Facilities Engineering Electrical Interior Facilities, November 1995

TM 5-684

NAVFAC MO-200/AFJMAN 32-1082, Facilities Engineering Electrical Exterior Facilities, November 1996

TM 5-685/NAVFAC MO-912

Operation, Maintenance and Repair of Auxiliary Generators, August 1996

TM 5-686

Power Transformer Maintenance and Acceptance Testing, November 1998

TM 5-811-2/AFM 88-9 Chap. 2

Electrical Design Interior Electrical System, September 1983

Non-Government Publications

Institute of Electrical and Electronic Engineers (IEEE)

445 Hoes Lane, P. O. Box 1331, Piscataway, NJ 08855-1331

IEEE 241

Gray Book, Recommended Practice for Electric Power Systems in Commercial Buildings, (1990)

IEEE 484

Recommended Practice for Installation Design and Installation of Vented Lead-Acid Batteries for Stationary Applications, (1996)

ANSI/IEEE 944
Recommended Practice for the Application and Testing of Uninterruptible Power Supplies for Power Generating Stations, (1986)

IEEE 1100
Recommended Practice for Powering and Grounding Sensitive Electronic Equipment, (1992)

IEEE 1115
Recommended Practice for Sizing Nickel-Cadmium Batteries for Stationary Applications, (1992)

IEEE 1159
Recommended Practice for Monitoring Electric Power Quality, (1995)

IEEE 1184
Guide for the Selection and Sizing of Batteries for Uninterruptible Power Systems, (1995)

IEEE 1187
Recommended Practice for Installation Design and Installation of Valve-Regulated Lead-Acid (VRLA) Batteries for Stationary Applications, (1996)

IEEE 1188
Recommended Practice for Maintenance, Testing, and Replacement of Valve-Regulated Lead-Acid (VRLA) Batteries for Stationary Applications, (1996)

IEEE 1189
Guide for the Selection of Valve-Regulated Lead-Acid (VRLA) Batteries for Stationary Applications, (1996)

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

NEMA PE-1
Uninterruptible Power Systems, (1993)

NEMA PE-5
Utility Type Battery Chargers, (1986)

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

NFPA 70B
Recommended Practice for Electrical Equipment Maintenance, (1996)

NFPA 110
Emergency and Standby Power Systems, (1996)

Other Publications

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DOE-HDBK-1084-95

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