

List of Withdrawn & Discontinued ASME Standards

Last Updated: September 9, 2020

| Designation | Title (Year Withdrawn) |
|-------------------------|--|
| A39.1-1995 | Safety Requirements for Window Cleaning (April 1998) |
| A112.4.7- 2002 (R2008) | Point of Use and Branch Water Sub-metering Systems (June 11, 2009) |
| A112.18.7- 1999 (R2004) | Deck Mounted Bath/Shower Transfer Valves With Internal Backflow Protection (Febr.17, 2012) |
| A112.19.8- 2007 | Suction Fittings for Use in Swimming Pools, Wading Pools, Spas, & Hot Tubs (August 15, 2011) |
| A112.19.16-2006 | Terrazzo Plumbing Fixtures (July 7, 2010) |
| A112.21.2M-1983 | Roof Drains (1995) |
| A112.26.1M-1969 (R1975) | Water Hammer Arresters (1995) |
| B1-1993 | Technical Report Measurement Uncertainty for 60 Deg. Screw Thread Gage Element Measurement - (Inch & Metric) (June 19, 2019) |
| B1.18M-1982 | Metric Screw Threads for Commercial Mechanical Fasteners - Boundary Profile Defined (1994) |
| B1.19M-1984 | Gages for Metric Screw Threads for Commercial Mechanical Fasteners - Boundary Profile Defined (1994) |
| B1.20.2M - 2006 (R2011) | Pipe Threads, 60 Deg, General Purpose (October 21, 2016) |
| B4.3-1978 (2004) | General Tolerances for Metric Dimensioned Products (May 19, 2008) |
| B4.4M-1981 (R1994) | Inspection of Workpieces (1998) |
| B5.5-1959 (R1998) | Rotating Air Cylinders and Adapters (July 2003) |
| B5.16-1952 (R2002) | Accuracy of Engine and Tool Room Lathes (July 2003) |
| B5.25-1978 | Punch and Die Sets (December 2006) |
| B5.25M-1980 | Punch and Die Sets (Metric) (December 2006) |
| B5.28-1971 (R1994) | Mounting Dimensions of Lubricating and Coolant Pumps for Machine Tools (June 2002) |
| B5.32-1977 (R2002) | Grinding Machines, Surface, Reciporating Table-Horizontal Spindle (July 2003) |
| B5.32.1-1977 (R2002) | Grinding Machines, Surface, Reciporating Table-Vertical Spindle (July 2003) |
| B5.33-1981 (R2002) | External Cylindrical Grinding Machines – Plain (July 2003) |
| B5.37-1970 (R2002) | External Cylindrical Grinding Machines – Centerless (July 2003) |
| B5.42-1981 (R2002) | External Cylindrical Grinding Machines Universal (August 2003) |
| B5.43-1977 (R2002) | Modular Machine Tool Standards (July 2003) |
| B5.43M-1979 (R2002) | Modular Machines Tool Standards (August 2003) |
| B5.44 -1971 (R1998) | Rotary Table Surface Grinding Machines (July 2003) |
| B5.45 -1972 (R1998) | Milling Machines (July 2003) |
| B5.46 -1972 (R2002) | Symbols for Machine Tool Indicator Plates (July 2003) |
| B5.49-1998 (R2004) | Glossary of Power Press Terms (April 14, 2008) |
| B5.51 -1979 (R2008) | Preferred SI Units for Machine Tools (December 4, 2008) |
| B5.53M-1982 (R994) | Cutter and Tool Grinding Machines (June 2002) |
| B16.28-1994 | Wrought Steel Butt welding Short Radius Elbows and Returns (2004) |

| Designation | Title (Year Withdrawn) Continued |
|--------------------------------|--|
| B17C-1927 | Code for Design of Transmission Shafting (1954) [see B106.1M below] |
| B18.2.3.1M-1999 (R2011) | Metric Hex Cap Screws (August 2, 2012) |
| B18.2.3.2M-2005 | Metric Formed Hex Screws [October 20, 2010] |
| B18.2.3.3M-2007 (R2014) | Metric Heavy Hex Screws (February 24, 2020) |
| B18.2.3.6M-1979 (R2006) | Metric Heavy Hex Bolts, (May 5, 2015) |
| B18.2.3.8M-1981 (R2005) | Metric Hex Lag Screws (September 10, 2010) |
| B18.2.3.10M-1996 | Square Head Bolts (Metric Series) [December 23, 2008] |
| B18.2.3.4M-2001(R2011) | Metric Hex Flange Screws (March 28, 2017) |
| B18.2.4.1M-2002 (R2007) | Metric Hex Nuts, Style 1 (September 23, 2011) |
| B18.2.4.2M-2005 (R2010) | Metric Hex Nuts, Style 2 (September 23, 2011) |
| B18.2.4.4M-1982 (R2010) | Metric Hex Flange Nuts (September 23, 2011) |
| B18.2.4.5M-2008 | Metric Hex Jam Nuts (September 23, 2011) |
| B18.2.4.6M-2010 | Metric Heavy Hex Nuts (September 23, 2011) consolidate into B18.2.6M-2011 |
| B18.2.7.1M-2002(R2007) | Metric 12-Spline Flange Screws (March 2, 2012) |
| B18.3.1M-1986(R2008) | Socket Head Cap Screws (Metric Series) (January 24, 2014) |
| B18.3.2M-1979(R2008) | Metric Series Hexagon Keys and Bits (January 24, 2014) |
| B18.3.3M-1986(R2008) | Hexagon Socket Head Shoulder Screws (Metric Series) (January 24, 2014) |
| B18.3.4M-1986(R2008) | Hexagon Socket Button Head Cap Screws (Metric Series) (January 24, 2014) |
| B18.3.5M-1986(R2008) | Hexagon Socket Flat Countersunk Head Cap Screws (Metric Series)(January 24, 2014) |
| B18.3.6M-1986(R2008) | Socket Set Screws (Metric Series) (January 24, 2014) |
| B18.5.2.1M-2006 (R2011) | Metric Round Head Short Square Neck Bolts (November 16, 2016) |
| B18.5.2.2M-1982 (R2010) | Metric Round Head Square Neck Bolts (October 10, 2014) |
| B18.5.2.3M-1990 (R2003) | Round Head Square Neck Bolts With Large Head – Metric (August 25, 2008) |
| B18.6.5M-2000 (R2010) | Metric Thread-Forming and Thread-Cutting Tapping Screws (December 8, 2016) |
| B18.6.7M-1999 (R2010) | Metric Machine Screws (December 8, 2016) |
| B18.8.100M-2000(R2010) | Spring Pins – Coiled Type, Spring Pins – Slotted, Machine Dowel Pins - Hardened Ground, and Grooved Pins (Metric Series) (October 10, 2014) |
| B18.8.200M-2000(R2010) | Cotter Pins, Headless Clevis Pins, and Headed Clevis Pins (Metric Series) (October 16, 2014) |
| B18.15M-1998 (R2004) | Metric Lifting Eyes (May 13, 2009) |
| B18.17-1968 (R1983) | Wing Nuts, Thumb Screws, and Wing Screws (1993) |
| B18.21.2M-1999 (R2014) | Lock Washers (Metric Series) (February 24, 2020) |
| B18.25.1M-1996(R2008) | Square and Rectangular Keys and Keyways (January 27, 2014) |
| B18.25.2M-1996(R2008) | Woodruff Keys and Keyways (January 27, 2014) |
| B18.25.3M-1998(R2008) | Square and Rectangular Keys and Keyways: Width Tolerances and Deviations Greater Than Basic Size (January 28, 2014) |
| B18.30.1M-2000 (R2010) | Open End Blind Rivets with Break Mandrels (Metric Series) (October 10, 2014) |
| B27.8M-1978 (R2005) | General Purpose Metric Tapered & Reduced Cross Section Retaining Rings-Type 3DM1-Heavy Duty External Rings, Type 3EM1-Reinforced E Rings, Type 3FM1-8C Type Rings (June 8, 2011) |
| B29.23M-1985 (R2004) | Flexible Chain Couplings (June 28, 2011) |

| Designation | Title (Year Withdrawn) Continued |
|------------------------|--|
| B30.11-2010 | Monorails and Underhung Cranes (January 2018) consolidated into B30.17-2015 |
| B31.2-1968 | Fuel Gas Piping (February 1988) was replaced by ANSI/NFPA Z223.1 |
| B32.1-1952 (R1994) | Preferred Thicknesses for Uncoated Thin Flat Metals (Under 0.250 in.)(September 2002) |
| B32.2-1969 (R1994) | Preferred Diameters for Round Wire - 0.500 inches and Under (September 2002) |
| B32.5 - 1977 (R2010) | Preferred Metric Sizes for Tubular Metal Products Other than Pipe (October 5, 2012) |
| B32.6M-1984 (R1994) | Preferred Metric Sizes for Tubular Metal Products Other Than Pipe (September 2002) |
| B32.100-2016 | Preferred Metric Sizes for Flat, Round, Square, Rectangular, and Hexagonal Metal Products (August 20, 2020) |
| B89.4.1-1997 | Methods for Performance Evaluation of Coordinate Measuring Machines (CMMs) [replaced by B89.4.10360.2-2008](August 31, 2011) |
| B94.8-1967 (R1998) | Inserted Blade Milling Cutter Bodies (August 2003) |
| B94.14-1968 (R2000) | Punches - Basic Head Type (August 2004) |
| B94.14.1-1977 (R1995) | Punches, Basic Head Type (Metric) (August 2004) |
| B94.16-1987 (R2000) | Retainers - Basic Ball-Lock Punch and Die Button, Light and Heavy Duty (August 2004) |
| B94.16.1-1978 (R2000) | Retainers - Basic Ball-Lock Punch and Die Button, Light and Heavy Duty (Metric) (August 2004) |
| B94.17-1987 (R2000) | Gages: Functional, Ball-Lock Punches, Die Buttons, and Retainers (August 2004) |
| B94.17.1-1977 (R2000) | Gages: Functional, Ball-Lock Punches, Die Buttons, and Retainers (Metric) (August 2004) |
| B94.18-1987 (R2000) | Punches-Basic Ball-Lock, Light and Heavy Duty (August 2004) |
| B94.18.1-1977 (R2000) | Punches-Basic Ball-Lock, Light and Heavy Duty (Metric) (August 2004) |
| B94.22-1968 (R2000) | Punches - Variable, Head Type (August 2004) |
| B94.22.1-1977 (R2000) | Punches - Variable, Head Type (Metric) (August 2004) |
| B94.23 1969 (R2000) | Punches Guide Bushings - Variable, Press Fit (August 2004) |
| B94.27-1970 (R2000) | Die Buttons Basic Taper Relief, Press Fit (August 2004) |
| B94.27.1M-1983 (R2000) | Die Buttons Basic Taper Relief, Press Fit (Metric) (August 2004) |
| B94.28 1970 (R2000) | Die Buttons Basic Straight Relief, Press Fit (August 2004) |
| B94.28.1M-1984 (R2000) | Die Buttons Basic Straight Relief, Press Fit (Metric) (August 2004) |
| B94.29-1970 (R2000) | Die Buttons - Basic Ball Lock (August 2004) |
| B94.29.1-1977 (R2000) | Die Buttons - Basic Ball-Lock, Metric (August 2004) |
| B94.30-1970 (R2001) | Die Buttons - Variable, Press Fit (August 2004) |
| B94.31-1981 (R2001) | Steel Rotary Slitting Knives and Steel Spacing Collars (August 2003) |
| B94.38-1972 (R2001) | Punches - Variable, Angle Head Type (August 2004) |
| B94.39-1972 (R2001) | Punches - Basic, Combination Angle Head Type and Related Quill Bushings (August 2004) |
| B94.40-1972 (R2001) | Punches - Wire Type (August 2004) |
| B94.41-1972 (R2001) | Punches - Basic, Angle Head Type And Related Quill Bushings (August 2004) |
| B94.43-1972 (R2001) | Die Buttons - Variable, Press Fit, Headless and Head Type, Step Relief (August 2004) |
| B94.44-1972 (R2000) | Punches - Basic, Cylindrical Head Type and Related Quill Bushings (August 2004) |
| B94.50-1975 (R2003) | Basic Nomenclature and Definitions for Single-Point Cutting Tools Standard (March 31, 2009) |
| B94.56 -1995 | Gages-Functional, Ball-Lock Punches, Inch (August 2004) |
| B96.1-1999 | Welded Aluminum-Alloy Storage Tanks |
| B106.1M-1985 | Design of Transmission Shafting (1994) |

| Designation | Title (Year Withdrawn) Continued |
|------------------------------|---|
| B107.3-1978 (R1991) | Socket Wrenches Power Drive (Non-Impact)(Inch Series) (1996) |
| B107.35M-1997 | Nut Drivers (Spin Type Screwdriver Grip) (Metric Series) (January 2007) |
| B133.1M -1983 (R1997) | Gas Turbine Terminology [Reason: superceded by ASME 3977-1-2000](2001) |
| B133.2-1977 (R1997) | Basic Gas Turbine [Reason: superceded by ASME 3977-1-2000] (2001) |
| B133.3 -1981 (R1994) | Procurement Standard for Gas Turbine Auxiliary Equipment (April 2004) |
| B133.4-1978 (R1997) | Gas Turbine Control and Protection Systems (April 2004) |
| B133.5-1978 (R1997) | Procurement Standard for Gas Turbine Electrical Equipment (November 2005) |
| B133.6 -1978 (R1994) | Gas Turbine Ratings and Performance [Reason: superceded by ASME 3977-2-2000](2001) |
| B133.7M -1985 (R2001) | Gas Turbine Fuels (July 27, 2007) |
| B133.9 -1994 (R2001) | Measurement of Exhaust Emissions from Stationary Gas Turbine Engines (July 27, 2007) |
| B133.10 -1981 (R1994) | Procurement Standard for Gas Turbine Information to be Supplied by User and Manufacturer (April 2004) |
| B133.11M-1982 (R1994) | Procurement Standard for Gas Turbine Preparation for Shipping and Installation (April 2004) |
| B133.12 -1981 (R2001) | Procurement Standard for Gas Turbine Maintenance and Safety (November 2005) |
| B133.16 -2000 | Procurement Standard for Gas Turbine Marine Applications (November 2005) |
| FAP-1-1995 | Quality Assurance Program Requirements for Fastener Manufacturers, Distributors, and testing Laboratories (April 12, 2005) |
| HPS-2003 | High Pressure Systems (May 2009) |
| MCS-1-1990 | Management Control System |
| MFC-5M-1985 (R2006) | Measurement of Liquid Flow in Closed Conduits using Transit-Time Ultrasonic Flowmeters (January 28, 2011) (parts replaced by MFC 5.1) |
| MFC-13M -2006(R2014) | Measurement of Fluid Flow in Closed Conduits: Tracer Methods (June 11, 2019) |
| N509 -2002(R2008) | Nuclear Power Plant Air-Cleaning Units and Components (December 2016) |
| N510-2007 | Testing of Nuclear Air Treatment Systems (May 2013) (incorporated into the TA Section of ASME AG-1-2012) |
| PTC 3.1-1958 (R1992) | Diesel and Burner Fuel (January 2, 2003) |
| PTC 3.2-1990 | Coal and Coke (August 23, 2002 ANSI Standards Action) |
| PTC 3.3-1969 (R1992) | Gaseous Fuels (June 5, 2003) |
| PTC 5-1949 | Reciprocating Steam Engines (2002) Was Not an ANSI Code. |
| PTC 6 Report-1985 (R2003) | Guidance for Evaluation of Measurement Uncertainty in Performance Tests of Steam Turbines (January 23, 2008) |
| PTC 7-1946 (R1969) | Reciprocating Steam Driven Displacement Pumps (Was Not an ANSI Code) |
| PTC 7.1-1962 (R1969) | Displacement Pumps (2002) Was Not an ANSI Code |
| PTC 9 -1970 (R1997) | Displacement Compressors, Vacuum Pumps and Blowers (1/2/2003) |
| PTC 14-1970 (R1991) | Evaporating Apparatus (July 26, 2002 ANSI Standards Action) |
| PTC 16-1958 (R1991) | Gas Producers and Continuous Gas Generators (July 26, 2002 ANSI Standards Action) |
| PTC 18.1-1978 (R1984) | Pump Mode of Pump/Turbines (2002) |
| PTC 19.5.1-1964 | Weighting Scales (2002) Was Not an ANSI Code |
| PTC 19.8-1970 (1985) | Measurement of Indication Power (8/23/2002 ANSI Standards Action) |
| PTC 19.12-1958 | Measurement of Time (Was Not an ANSI Code) |
| PTC 19.13-1961 | Measurement of Rotary Speed (Was Not an ANSI Code) |

| Designation | Title (Year Withdrawn) Continued |
|------------------------------|---|
| PTC 19.14-1958 | Linear Measurement (2002) Was Not an ANSI Code |
| PTC 19.16-1965 | Density Determinations of Solids and Liquids (Was Not an ANSI Code) |
| PTC 19.17-1965 | Determinations of Viscosity of Liquids (Was Not an ANSI Code) |
| PTC 20.1-1977 (R1988) | Speed and Load Governing Systems for Steam Turbine Generator Units (8/23/2002 ANSI Standards Action) (March 10, 2003) |
| PTC 20.2-1965 (R1986) | Overspeed Trip Systems for Steam Turbine Generator Units (8/23/2002 ANSI Standards Action) (March 10, 2003) |
| PTC 20.3-1970 (R1986) | Pressure Control Systems Used on Steam Turbine Generator Units (8/23/2002 ANSI Standards Action) (March 10, 2003) |
| PTC 21-1991 | Particulate Matter Collection Equipment (July 2006) |
| PTC 23.1-1983 | Spray Cooling Systems (June 26, 2001) |
| PTC 26-1962 | Speed Governing Systems for Internal Combustion Engine Generator Units (2002) (Was Not an ANSI Code) |
| PTC 28-1965 (R1985) | Determining the Properties of Fine Particulate Matter (8/23/2002 ANSI Standards Action) (September 29, 2003) |
| PTC 32.1-1978 (R1992) | Nuclear Steam Supply Systems (July 26, 2002 ANSI Standards Action) |
| PTC 32.2 Report-1978 (R1992) | Methods of Measuring the Performance of Nuclear Reactor Fuel in Light-Water Reactors (May 1998) |
| PTC 33-1978 (R1991) | Performance Test Code - Large Incinerators (8/23/2002 ANSI Standards Action) (December 9, 2004) |
| PTC 33a-1980 (R1987) | Appendix to PTC 33, Performance Test Code - Large Incinerators (8/23/2002 ANSI Standards Action) (November 9, 2004) |
| PTC 42-1998 (R2004) | Wind Turbines (January 8, 2008) |
| QMO-1-2000 | Standard for the Qualification and Certification of Medical Waste Incinerator Operators (January 2009) |
| SPPE-1-1994 | Quality Assurance and Certification of Safety and Pollution Prevention Equipment Used in Offshore Oil and Gas Operations (June 11, 1999) |
| SPPE-2 -1994 | Accreditation of Testing Laboratories for Safety and Pollution Prevention Equipment Used in Offshore Oil and Gas Operations (June 11, 1999) |
| Y10.3M-1984 | Letter Symbols for Mechanics and Time-Related Phenomena (1996) |
| Y10.4-1982 | Letter Symbols for Heat and Thermodynamics (1994) |
| Y10.5-1968 | Letter Symbols for Quantities Used in Electrical Science and Electrical Engineering (1994) |
| Y10.12-1955 (R1988) | Letter Symbols for Chemical Engineering (1994) |
| Y10.17-1973 (R1988) | Guide For Selecting Greek Letters Used as Letter Symbols for Engineering Mathematics (1994) |
| Y14.7.1-1971 (R2003) | Gear Drawing Standards - Part 1 for Spur, Helical, Double Helical and Rack (March 2006) |
| Y14.7.2 -1978 (R2004) | Gear and Spline Drawing Standards Part 2-Bevel and Hypoid Gears (March 2006) |
| Y14.13M -1981 (R2003) | Mechanical Spring Representation (December 2006) |
| Y14.15-1966 (R1988) | Electrical and Electronic Diagrams (with 1971& 1973 Supp) (1997) |
| Y14.32.1M-1994 (R2005) | Chassis Frame--Passenger Car and Light Truck--Ground Vehicle Practices (July 7, 2010) |
| Y14.40.0-2002 | Basic Rules for the Design of Graphical Symbols for Use in the Technical Documentation of Products (August 2004) |
| Y14.40.1-2002 | Graphical Symbols for Diagrams- Part 1: General Information and Indexes (August 2004) |
| Y14.40.2-2002 | Graphical Symbols for Diagrams- Part 2: Symbols having general application (August 2004) |
| Y14.40.3-2002 | Graphical Symbols for Diagrams- Part 3: Connections and related devices (August 2004) |
| Y14.40.4-2002 | Graphical Symbols for Diagrams- Part 4: Actuators and related devices (August 2004) |
| Y14.40.5-2002 | Graphical Symbols for Diagrams- Part 5: Measurement and control devices (August 2004) |

| Designation | Title (Year Withdrawn) Continued |
|------------------------------|--|
| Y14.40.6-2002 | Graphical Symbols for Diagrams- Part 6: Measurement and control functions (August 2004) |
| Y14.40.7-2002 | Graphical Symbols for Diagrams- Part 7: Basic mechanical components (August 2004) |
| Y14.40.8-2002 | Graphical Symbols for Diagrams- Part 8: Valves and dampers (August 2004) |
| Y14.40.9-2002 | Graphical Symbols for Diagrams- Part 9: Pumps, compressors and fans (August 2004) |
| Y14.40.10-2002 | Graphical Symbols for Diagrams- Part 10: Fluid Power Converters (August 2004) |
| Y14.40.11-2002 | Graphical Symbols for Diagrams- Part 11: Devices for heat transfer and heat engines (August 2004) |
| Y14.40.12-2002 | Graphical Symbols for Diagrams- Part 12: Devices for separating, purification and mixing (August 2004) |
| Y14.40.15-2003 | Graphical Symbols for Diagrams- Part 15: Installation diagrams and network maps (August 2004) |
| Y14 Technical Report 4 -1989 | A Structural Language Format for Basic Shape Description [Reason: out of date] (2001) |
| Y15.1M-1979 (R1986) | Illustrations for Publication and Projection (1994) |
| Y15.2M-1979 (R1986) | Time-Series Charts (1994) |
| Y15.3M-1979 (R1986) | Process Charts (1994) |
| Y32.2.3 -1949 (R1999) | Graphic Symbols for Pipe Fittings, Valves and Piping (February 2003) |
| Y32.2.4 -1949 (R1998) | Graphic Symbols for Heating, Ventilating and Air Conditioning (February 2003) |
| Y32.2.6-1950 (R1998) | Graphics Symbols for Heat-Power Apparatus (February 2003) |
| Y32.4 -1977 (R2004) | Graphic Symbols For Plumbing Fixtures for Diagrams Used in Architecture and Building Construction (October 2006) |
| Y32.10 -1967 (R1999) | Graphic Symbols For Fluid Power Diagrams (February 2003) |
| Y32.11 -1961 (R1998) | Graphic Symbols for Process Flow Diagrams in Petroleum and Chemical Industries (Feb. 2003) |
| ASME 3977-1-2000 | Gas turbines-Procurement-Part 1: General introduction and definitions (April 2004) |
| ASME 3977-2-2000 | Gas turbines-Procurement-Part 2: Standard reference conditions and ratings. (April 2004) |

The withdrawn standards in red can still be purchased from ASME in pdf format (they can be download from the ASME catalog).

Discontinued ASME Standards

| Designation | Title (Year Discontinued) |
|----------------------|---|
| ASME No. 111-1960 | Recommended Practices for the Design of Marine Propulsion Turbine Lubricating Systems (1993) |
| ASME No. 115-1966 | Recommended Practices for the Design, Operation and Maintenance of Marine Auxiliary Machinery Lubricating Systems, Includes ASME Standards No. 115A (Design Section only) Recommended Practices for the Design of Steam Turbine Driven Generator Lubricating Systems; ASME 115B Recommended Practice for the Design of Marine Steam Turbine Driven Boiler Feed Pumps Lubricating Systems; ASME 115C Recommended Practices for the Design of Marine Steam Turbine Driven Blowers Lubricating System (1993) |
| ASME No. 115D-1969 | Recommended Practices for the Design of Lubricating Systems for Marine Steam Turbine Pumps for Various Ships Services (1993) |
| ASME No. 116-1968 | Design of Steam Turbine Generator Oil Systems, <i>Replaced by ASTM D4248-92</i> |
| ASME 120-1969 | Recommended Practices for the Design of Gas Turbine Generator Lubricating Oil Systems, <i>Replaced by ASTM D4241-92</i> |
| LOS-5D1-1972(R1980) | ASTM-ASME Recommended Practices for the Design of Oil Systems for Lubrication and Control of Hydroelectric Equipment (1993) |
| LOS-5P1-1971 (R1980) | ASTM-ASME Recommended Practices for the Purification of Oil Systems for Lubrication and Control of Hydroelectric Equipment (1993) |
| LOS-1M-1980 | ASTM-ASME-NEMA Recommended Practices for the Cleaning, Flushing and Purification of Steam and Gas Turbine Lubrication Systems (Revision, consolidation and redesignation of ASME standards No. 113, 114, 117, 118, 119, 121, LOS-2C1, LOS-4C1)(1993) |
| LOS-5C1-1971 (R1980) | ASTM-ASME Recommended Practices for the Flushing and Cleaning of Oil Systems for Lubrication and Control of Hydroelectric Equipment (1993) |