Consolidations* & Incorporations#

A112.6.4-2003, Roof, Deck, and Balcony Drains    Issued on November 21, 2003 incorporated into it is A112.21.2M-1983 on Roof Drains

Incorporated into it is:
   A112.19.1M-1994, Enameled Cast Iron Plumbing Fixtures
   A112.19.4M-1994, Porcelain Enameled Formed Steel Plumbing Fixtures

Incorporated into it is:
   A112.19.2-2003, Vitreous China Plumbing Fixtures and Hydraulic Requirements for Water Closets and Urinals
   A112.19.6-1995, 1995 Hydraulic Performance Requirements for Water Closets and Urinals
   A112.19.9M-1991, Non-Vitreous Ceramic Plumbing Fixtures

AG-1-2012, Code on Nuclear Air and Gas Treatment    Issued on May 30, 2013
Incorporated into TA Section is:
   N510-2007, Testing of Nuclear Air Treatment Systems

B1.1-2019, Unified Inch Screw Threads (UN, UNR, and UNJ Thread)    Issued on June 5, 2020
Incorporated into it is:
   B1.15-1995 (R2003), Unified Inch Screw Threads (UNJ Thread Form)

Incorporated into it is:
   B16.28-1986, Wrought Steel Buttwelding Short Radius Elbows and Returns

B18.2.6M-2012, Metric Fasteners for Use in Structural Applications    Issued on March 23, 2012
Incorporated into it is:
   B18.2.3.7M-1979 (R2006), Metric Heavy Hex Structural Bolts
   B18.2.4.6M-2010, Metric Heavy Hex Nuts

B18.6.3-2010, Machine Screws, Tapping Screws, and Metallic Drive Screws (Inch Series)
Issued on June 30, 2011
Incorporated into it is:
   B18.6.4-2009, Thread Forming And Thread Cutting Tapping Screws And Metallic Drive Screws (Inch Series)
Consolidation of:
- B18.8.3M-1995, Spring Pins – Coiled Type (Metric Series)
- B18.8.4M-1994, Spring Pins – Slotted (Metric Series)
- B18.8.5M-1994, Machine Dowel Pins - Hardened Ground (Metric Series)
- B18.8.9M-1998, Grooved Pins (Metric Series)

Consolidation of:
- B18.8.6M-1995, Cotter Pins (Metric Series)
- B18.8.7M-1994, Headless Clevis Pins (Metric Series)
- B18.8.8M-1994, Headed Clevis Pins (Metric Series)

**B18.15M-1998**, Metric Lifting Eyes  Issued on July 31, 1999
Consolidation of:
- B18.15.1M-1998, Forged Lifting Eyes and
- B18.15.2M-1998, Metric Straight Shank Lifting Eyes

**B18.16M-2004**, Prevailing-Torque Type Steel Metric Hex Nuts and Hex Flange Nuts  Issued on May 13, 2005
Incorporated into it is:
- B18.16.1M-1979 (R2001)-Mechanical And Performance Requirements For Prevailing-Torque Type Steel Metric Hex Nuts And Hex Flange Nuts
- B18.16.2M-1979 (R2001)-Torque-Tension Test Requirements For Prevailing Torque Type Steel Metric Hex Nuts And Hex Flange Nuts
- B18.16.3M-1998-Dimensional Requirements For Prevailing-Torque Type Steel Metric Hex Nuts And Hex Flange Nuts

**B18.18-2011**, Quality Assurance for Fasteners  Issued on April 14, 2011
Incorporated into it is:
- B18.18.1-2007, Inspection and Quality Assurance for General Purpose Fasteners
- B18.18.2-2009, Inspection and Quality Assurance for High-Volume Machine Assembly Fasteners
- B18.18.3M-1987(R2005), Inspection and Quality Assurance for Special Purpose Fasteners
- B18.18.4M-1987(R2005), Inspection and Quality Assurance for Highly Specialized Engineered Applications
- B18.18.5M-1998(R2009), Inspection and Quality Assurance Plan Requiring In-Process Inspection and Control
- B18.18.6M-1998(R2009), Quality Assurance Plan for Fasteners Produced in A Third Party Accreditation System
- B18.18.7M-1998(R2009), Quality Assurance Plan for Fasteners Produced in A Customer Approved Control Plan

Incorporated into it is B18.22.1-1965, Plain Washers
B18.24- 2004 Part Identifying Number (PIN) Code System Standard for B18 Fastener Products
Issued on May 31, 2005
Incorporated into it is:

B18.27-1998, Tapered and Reduced Cross Section Retaining Rings (Inch Series)  Issued on July 20, 1999
Consolidation of:
   B18.27.1-1998, Tapered and Reduced Cross Section Retaining Rings (Inch Series)
      Part 1 External Type - NA1; Internal Type NA2; E-Ring Type - NA3
   B18.27.2-1998, Tapered and Reduced Cross Section Retaining Rings (Inch Series)
      Part 2 Heavy Duty External - NA4; Reinforced “E” Rings - NA5; “C” Type Rings - NA6
   B18.27.3-1998, Tapered and Reduced Cross Section Retaining Rings (Inch Series)
      Part 3 Bowed External - NA7; Bowed Internal - NA8; Bowed External “E” - NA9
B18.27a-1999 addenda issued on May 10, 2000
   Added in “a” addenda
      B18.27.4-1999, Tapered and Reduced Cross Section Retaining Rings (Inch Series)
      Part 4 Inverted External NA10, Inverted Internal NA11, Beveled External NA12,
      Beveled Internal NA13
B18.27b-2000 addenda issued on November 15, 2000
   Added in “b” addenda
      B18.27.5-2000, Tapered and Reduced Cross Section Retaining Rings (Inch Series)
      Part 5 Type NA14 - External Self-Locking Rings; Type NA15 - External Interlocking Rings; Type NA16 - External Bowed Locking Prongs Rings

Consolidation of:
   B29.1M-1993, Precision Power Transmission Roller Chains, Attachments, and Sprockets
   B29.3M-1994, Double-Pitch Power Transmission Roller Chains and Sprockets
   B29.4M-1994, Double-Pitch Conveyor Roller Chains, Attachments, and Sprockets

B29.100- 2011, Double-Pitch Roller Chains, Attachments and Sprockets  Issued on March 19, 2012
Incorporation of:
   B29.3M-2002, Double-Pitch Power Transmission Roller Chains and Sprockets
   B29.4M-2002, Double-Pitch Conveyor Roller Chains, Attachments, and Sprockets

B29.200- 2001, Welded Steel Type Mill Chains, Welded Steel Drag Chains, Attachments and Sprockets Teeth  Issued on July 15, 2002
Consolidation of:
   B29.16M-1995, Welded Steel Type Mill Chains, Attachments, and Sprocket Teeth
   B29.18M-1993, Welded Steel-Type Drag Chains, Attachments, and Sprocket Teeth

B29.300-1998, Agricultural, Detachable and Pintle Chains and Sprockets  Issued on December 17, 1999
Consolidation of:
  B29.6-1993, Steel Detachable Link Chains, Attachments, and Sprockets
  B29.19-1996, Agricultural Roller Chains, Attachments and Sprocket Teeth
  B29.25-1994, Open Barrel Steel Pintle-Type Conveyor Chains, Attachments, and
  Sprockets

**B29.400-** 2001 Combination, "H" Type Mill Chains and Sprockets  Issued on February 28, 2003
Consolidation of:
  B29.11M-1994, Combination Chains, Attachments, and Sprocket Teeth

**B30.17-**2015 Cranes and Monorails (With Underhung Trolley or Bridge)  Issued on March 4, 2016
Incorporated into it is:
  B30.11-2010 Monorails and Underhung Cranes

**B31.4-**2012 Pipeline Transportation Systems for Liquids and Slurries  Issued on November 12, 2012
Consolidation of:
  B31.4-2009, Pipeline Transportation Systems for Liquid Hydrocarbons and Other Liquids
  B31.11-2002 (R2008), Slurry Transportation Piping Systems

**B32.100-** 2005 Preferred Metric Sizes for Flat, Round, Square, Rectangular and Hexagonal
Metal Products  Issued on September 12, 2005
Incorporated into it is:
  B32.3M-1984 (R1994, Preferred Metric Sizes for Flat Metal Products
  B32.4M -1980 (R1994), Preferred Metric Sizes for Round, Square, Rectangle and
  Hexagon Metal Products

**B40.100-**1998, Pressure Gauges and Gauges Attachments  Issued on February 29, 2000
Consolidation of:
  B40.1-1991, Gauges - Pressure Indicating Dial Type - Elastic Element
  B40.7-1998, Gauges - Pressure Indicating Digital
  B40.100a-2001 addenda issued on December 31, 2001
  Added by addenda
    B40.2-1991, Diaphragm Seals
    B40.5-1995, Snubbers
    B40.6-1994, Pressure Limiter Valves

**B40.200-**2001, Thermometers, Direct Reading and remote Reading  Issued on April 13, 2001
Consolidation of:
  B40.3- 1997, Bimetallic Actuated Thermometers
  B40.4- 2001, Filled System Thermometers
  B40.9- 2001, Thermowells

**B73.1-**2012, Specification for Horizontal End Suction Centrifugal Pumps for Chemical Process
Issued on October 11, 2013
Incorporation into it is B73.5M-1995(R2007) Thermoplastic/Thermoset Polymer Material
Horizontal End Suction Centrifugal Pumps Chemical Process
B89.4.1-1997, Methods for Performance Evaluation of Coordinate Measuring Machines (CMMs)  
Issued on June 16, 1997  
incorporated into it is B89.1.12, Methods for Performance Evaluation of Coordinate Machines

B89.4.10360.2-2008 Acceptance Test and Reverification Test for Coordinate Measuring Machines (CMMs) Part 2: CMMs Used for Measuring Linear Dimensions (Technical Report)  
Issued on July 11, 2008  
Incorporated into it is B89.4.1-1997, Methods for Performance Evaluation of Coordinate Measuring Machines (CMMs)

B107.12-2004, Nut Drivers (Spin Type, Screwdriver Grip) (Metric Series)  
Issued on May 4, 2005  
Incorporated into it is B107.35M-1997 Nutdriver

B107.22-2010, Electronic Cutters and Pliers  (Part of B107.500-2010)  
Issued on January 7, 2011  
Incorporated into it is B107.38M-1998 (R2004), Electronic Pliers

B107.24-2010, Pliers: Locking, Clamp, and Tubing Pinch-Off  (Part of B107.500-2010)  
Issued on January 7, 2011  
Incorporated into it is B107.36-2002, Pliers: Locking, Clamp, and Tubing Pinch-Off

B107.42-2008, Hatchets and Axes  (Part of B107.400-2008)  
Issued on January 23, 2009  
Incorporated into it is B107.55-2002, Axes: Safety Requirements

Issued on July 11, 2008  
Incorporated into it is B107.45-2002 Ripping Chisels and Flooring/Electricians' Chisels

B107.48-2005, Metal Chisels, Punches, and Drift Pins: Safety Requirements,  Issued on September 15, 2005  
Incorporated into it is B107.47M-1998, Metal Chisels: Safety Requirements

B107.50M-2008, Brick Chisels, Brick Sets and Star Drills  (Part of B107.410-2008)  
Issued on July 11, 2008  
Incorporated into it is B107.51-2001, Star Drills: Safety Requirements

B107.52-2008, Nail-Puller Bars and Pry Bars  (Part of B107.410-2008)  
Issued on July 11, 2008  
Incorporated into it is B107.60-2004, Pry Bars

B107.100-2002, Wrenches  
Issued on November 22, 2002  
Consolidation of:  
B107.6-1994, Combination Wrenches (Inch Series)  
B107.9-1994, Combination Wrenches (Metric Series)  
B107.39-2002, Open End Wrenches (Inch and Metric Series)  
B107.40-2002, Flare Nut Wrenches (Inch and Metric Series)
B107.100-2010, Wrenches  Issued on October 15, 2010
Consolidation of (additional standards:
  B107.8-2003, Adjustable Wrenches
  B107.21-2005, Wrench, Crowfoot
  B107.66, Ratcheting Box Wrenches

B107.110-2012, Socket Wrenches, Handles, and Attachments  Issued on June 7, 2013
Consolidation of:
  B107.1-2002, Socket Wrenches, Hand (Inch Series)
  B107.5M-2002, Socket Wrenches, Hand (Metric Series)
  B107.10-2005, Handles and Attachments for Hand Socket Wrenches
  B107.12-2004, Nutdrivers
  B107.33M-2002, Socket Wrenches, Impact (Metric Series)
  B107.34-2003, Socket Wrenches for Spark Plugs

B107.300-2010, Torque Instruments  Issued on April 19, 2010
Consolidation of:
  B107.14-2004, Hand Torque Tools (Mechanical)
  B107.28-2005, Electronic Torque Instruments
  B107.29-2005, Electronic Tester, Hand Torque Tools

Consolidation of:
  B107.41 - 2004 Nail Hammers: Safety Requirements
  B107.42M - 1997 Hatchets: Safety Requirements
  B107.53 - 2004 Ball Peen Hammers: Safety Requirements
  B107.54 - 2001 Heavy Striking Tools: Safety Requirements
  B107.56 - 1999 Body Repair Hammers and Dolly Blocks: Safety Requirements
  B107.57 - 2005 Bricklayers' Hammers and Prospecting Picks
  B107.58M - 1998 Riveting, Scaling, and Tinner's Setting Hammers: Safety Requirements

Consolidation of:
  B107.43-2002, Wood-Splitting Wedges
  B107.44-2002, Glaziers’ Chisels and Flooring/Electricians’ Chisels
  B107.45 - 2002 Ripping Chisels and Flooring/Electricians' Chisels [Incorporated into B107.44]
  B107.46-2004, Stud, Screw and Pipe Extractors: Safety Requirements
  B107.48-2005, Metal Chisels, Punches, and Drift Pins: Safety Requirements
  B107.49-2004, Nail Sets
  B107.50M-1998, Brick Chisels and Brick Sets: Safety Requirements
  B107.51-2001, Star Drills: Safety Requirements [Incorporated into B107.50]
  B107.52M-1998, Nail-Puller Bars: Safety Requirements
  B107.59-2002, Slugging and Striking Wrenches
  B107.60-2004, Pry Bars [Incorporated into B107.52]

B107.500-2010, Pliers  Issued on January 7, 2011
Consolidation of:
  B107.11-2002, Pliers: Diagonal Cutting and End Cutting
B107.16M-1998, Shears (Metal Cutting Hand)
B107.18-2003, Pliers: Wire Twister
B107.19-2004, Pliers: Retaining Ring
B107.20-2004, Pliers: Lineman's, Iron Worker's, Gas, Glass, Fence, and Battery
B107.22M-1998, Electric Cutters
B107.23-2004, Pliers: Multiple Position, Adjustable
B107.24-2002, Locking Pliers
B107.25-2002, Pliers: Performance Test Methods
B107.27-2003, Pliers: Multiple Position, Electrical Connector

B107.600-2008, Screwdrivers Issued on November 26, 2008
Consolidation of:
B107.15-2002, Flat Tip Screwdrivers
B107.26-2007, Screwdrivers Bits, Hand Driven
B107.30-2002, Cross Tip Screwdrivers
B107.31-1997, Screwdrivers, Cross Tip Gaging

BPV III, Division 5 2015, Section III-Rules for Construction of Nuclear Facility Components-
Division 5-High Temperature Reactors Issued on July 1, 2015
Incorporated into it is BPVC, Division 1, Subsection NH-2015, Rules for Construction of Nuclear
Facility Components-Division 1-Subsection NH-Class 1 Components in Elevated Temperature
Service

MH1-1997, Pallets, Slip Sheets, and Other Bases for Unit Loads Issued on December 22, 1997
Consolidation of:
MH1.1.2M-1996 - Definitions and Terminology Covering Pallets and Related Structures as
Part 1
MH1.7M-1988 - Driven Fasteners for Assembly of Pallets and Related Structures as Part 5
- Driven Fasteners for Assembly of Pallets and Related Structures
MH1.6.1-1987 (R1994) - Procedures for determination of Durability of Wooden Pallets and
Related Structures as Part 6 - Determination of Durability of Wooden Pallets and
Related
MH1.4.1M-1989 - Procedures for Testing Pallets Part 7 - Testing Procedures for Pallets and
Related Structures
Added in addenda MH-1a-1999 issued on June 30, 1999
MH1.2.2M-1989 (R1996) - Pallet Sizes as Part 2 - Pallet Sizes
MH1.8M-1996 - Wood Pallets as Part 3 - Wood Pallets
MH1.9-1993 - Export Pallets as Part 4 - Export Pallets
MH1.5M–1994 - Slip Sheets as Part 8 - Slip Sheets
Part 9-Wood Pallets for U.S. Government Use
Added in addenda MH-1b-2000 issued on September 28, 2001
Part 10–Pallets in Automated Systems

NQA-1-1979, Quality Assurance Program Requirements for Nuclear Power Plants Issued on
August 31, 1979
Incorporation of:
N45.2-1977 – Quality Assurance Program Requirements for Nuclear Facilities
N45.2.6-1978 – Qualifications of Inspection, Examination, and Testing Personnel for Nuclear Power Plants
N45.2.9-1979 – Requirements for Collection, Storage and Maintenance of Quality Assurance Records for Nuclear Power Plants
N45.2.10-1973 – Quality Assurance Terms and Definitions
N45.2.11-1974 – Quality Assurance Requirements for Design of Nuclear Power Plants
N45.2.12-19779 – Requirements for Auditing of Quality Assurance Programs for Nuclear Power Plants
N45.2.13-1976 – Quality Assurance Requirements for Control of Procurement of Items and Services for Nuclear Power Plants
N45.2.23-1978 – Qualifications of Quality Assurance Program Audit Personnel for Nuclear Power Plants

NQA-1-2000, Quality Assurance Program Requirements for Nuclear Facility Applications
Issued on May 21, 2001
Consolidation of:
NQA-2, Quality Assurance Requirements for Nuclear Power Plants (including NQA-2a-1985)
NQA-3-1989, Quality Assurance Program Requirements for the Collection of Scientific and Technical Information for Site Characterization of High-Level Nuclear Waste Repositories

NQA-2-1983, Quality Assurance Requirements for Nuclear Power Plants Issued on August 31, 1983
Consolidation of:
N45.2.1-1980 – Cleaning of Fluid Systems and Associated Components for Nuclear Power Plants
N45.2.2-1978 – Packaging, Shipping, Receiving, Storage, and Handling of Items for Nuclear Power Plants
N45.2.3-1973 (R1978) – Housekeeping During the Construction Phase of Nuclear Power Plants
N45.2.5-1978 – Supplementary Quality Assurance Requirements for Installation, Inspection, and Testing of Structural Concrete, Structural Steel, Soils, and Foundations During the Construction Phase of Nuclear Power Plants
N45.2.8-1978 (R1980) – Supplementary Quality Assurance Requirements for Installation, Inspection, and Testing of Mechanical Equipment and Systems for the Construction Phase of Nuclear Power Plants
N45.2.15-1981 – Hoisting, Rigging, and Transporting Items for Nuclear Power Plant Sites
N45.2.20-1979 – Supplementary Quality Assurance Requirements for Subsurface Investigation for Nuclear Power Plants

N626-1985, Qualifications and Duties for Authorized Nuclear Inspection Agency and Personnel
Issued on March 15, 1985
Consolidation of:
N626.0-1982, Requirements for Qualifications and Duties of the Authorized Inspection Agency, its Authorized Nuclear Inspectors, and its Authorized Nuclear Inspector Supervisors, as used with the ASME Boiler and Pressure Vessel Code Section III, Division 1, Nuclear Power Plant Components
N626.1-1982, Requirements for Qualifications and Duties of the Authorized Inspection Agency, its Authorized Nuclear Inservice Inspectors, and its Authorized Nuclear Inservice Inspector Supervisors, as used with the ASME Boiler and Pressure Vessel Code Section XI, Rules for Inservice Inspection of Nuclear Power Plant Components
N626.2-1982, Requirements for Qualifications and Duties of the Authorized Inspection Agency, its Authorized Nuclear Inspectors (Concrete), and its Authorized Nuclear Inspector Supervisors (Concrete), as used with the ASME Boiler and Pressure Vessel Code Section III, Division 2, Code for Concrete Reactor Vessels and Containments (ACI 359)

**OM-1987**, Operation and Maintenance of Nuclear Power Plants  
Issued on December 15, 1987  
Consolidation of:  
- OM-1-1981, Requirements for Inservice Performance Testing of Nuclear Power Plant Pressure Relief Devices  
- OM-2-1982, Requirements for Performance Testing of Nuclear Power Plant Closed Cooling Water System  
- OM-3-1982, Requirements for Preoperational and Initial Start-Up Vibration Testing of Nuclear Power Plant Piping Systems  
- OM-4-1982, Examination and Performance Testing of Nuclear Power Plant Dynamic Restraints (Snubbers)  
- OM-5-1981, Inservice Monitoring of Core Support Barrel Axial Preload in Pressurized Water Reactors

Issued on December 29, 2014  
Incorporation of:  
- PALD-2009, Safety Standard for Portable Automotive Lifting Devices  
- ASP-2010, Safety Standard for Automotive Service and Maintenance Products

Issued on December 17, 2020  
Incorporation of:  
- Y14.1M-2012, Metric Drawing Sheet Size and Format

**Y14.3-2012**, Orthographic and Pictorial Views  
Issued on August 30, 2013  
Incorporation of:  
- Y14.4M-1989, Pictorial Drawing

**Y14.100-2013**, Engineering Drawing Practices  
Issued on July 30, 2013  
Incorporation of:  
- Y14.42-2002(R2008), Digital Approval Systems

**Partitions**

**ASME A17.8-2016/CSA B44.8-16** Standard for Wind Turbine Tower Elevators  
Issued on November 2016  
Partitioned from:  
- A17.1-2013/CSA B44-13 (Section 5.11), Safety Code for Elevators and Escalators

**B29.1-2011**, Precision Power Transmission Roller Chains, Attachments, and Sprockets  
Issued on January 31, 2012  
Partitioned from:  
- B29.100-2002, Double-Pitch Roller Chains, Attachments, and Sprockets
B107.56-2018, Body Repair Tools
Issued on January 22, 2019
Partitioned from:
    B107.400-2008, Striking Tools

MFC-5.1-2011, Measurement of Liquid Flow in Closed Conduits Using Transit-Time Ultrasonic Flowmeters
Issued on June 17, 2011
Partitioned from:
    MFC-5M-1985 (R2006), Measurement of Liquid Flow in Closed Conduits Using Transit-Time Ultrasonic Flowmeters

Partitioned from:
    OM-1987 including addenda to OMc-1990, Operation and Maintenance of Nuclear Power Plants

OM-S/G-1990, Standards and Guides for Operation and Maintenance of Nuclear Power Plants (included Part 2, Part 3, Part 13 and Part 16 as Standards; and Part 5, Part 7, and Part 8 as Guides)
Issued on December 15, 1990
Partitioned from:
    OM-1987 including addenda to OMc-1990, Operation and Maintenance of Nuclear Power Plants

* A consolidation of standards is a compilation of related standards into one book (a packaging together). An individual standard in a consolidated standard is still distinguishable.

# An incorporation of standards is an integration of related standards and their requirements into one standard (a melding of requirements). An individual standard in the incorporated standard is no longer distinguishable.

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