

# CHRONOLOGICAL HISTORY OF CODES AND STANDARDS FOR STANDARDIZATION & TESTING DEPARTMENT

April 7, 1880	The American Society of Mechanical Engineers was founded.
December 1, 1881	ASME incorporates in New York State.
1884	Code for the Conduct of Trials of Steam Boilers – First Performance Test Code.
1886-1887	Standard for the Diameter and Overall Dimensions of Pipe and Its Threaded Ends.
1890	Establishment of a Committee on Standard Methods of Testing Locomotives.
1891-1892	Method of Conducting Duty Trials of Pumping Engines.
1893	Standard Method of Conducting Efficiency Tests of Locomotives.
1889-1891	Committee for the creation of a federal commission to recommend standards and a bureau for their maintenance.
1899-1900	Revision of the Society Code of 1885, Standard Method of Conducting Steam Boiler Tests. First revision of an ASME standard.
1901-1902	Proposed Standard for Machine Screw Thread Sizes.
1905	Standard for Proportions for Machine Screws.
1911	Establishment of a committee to propose a Boiler Code.
1914	First publication of the Boiler Code.
1914	First national standard for engineering drawings, Standards for Cross-Sections published.
1915	Standards for Engineering Drawings.
1916	A committee was appointed regarding the standardization of Machine Tools
1918	American Engineering Standards Committee (later known as ANSI) formed.
1918	Organization of the Sectional Committee for standardization of Bolt, Nut and Rivet proportions as a joint sponsorship with the Society of Automotive Engineers (B18).
1919	Standards of Carburetor Performance.
1919	Formulation of Committee on Power Test Codes.
1922	Code for Displacement Compressors and Blowers.
1922	Test Code for Hydraulic Power Plants and Their Equipment.
1923	Test Code for Locomotives (preliminary).
1923	Test Code for Internal Combustion Engines.
1926	Organization of the Committee on Standards for Drawings and Drafting Room Practice as a joint sponsorship with the Society for Promotion of Engineering Education.
1927	Tentative Standards for Round Unslotted Head Bolts.
1928	American National Standards Committee reorganized as the American Standards Association.
1928	Organization of the Committee for Standardization of Plumbing Equipment as a joint sponsorship with the American Society of Sanitary Engineers.
1929	Test Code for Liquid Fuels.
1930	Test Code of Complete Steam-Electric Power Plants.
1933	New Standards for Gear Materials and Blanks, Shafting, and Stock Keys.
1939	Turbine Generator Standards.
1945	A new committee was formed to develop a test code regarding Gas Turbine Power Plants.
1947	The International Organization for Standardization (ISO) formed.
1947	ISO adopts first standard, screw threads.
1948	The American Standards Association incorporates.
1949	ASME and American Public Health Association call for Unified National Plumbing Code. Five different codes currently in existence.
1955	A112 Standards Committee was established for the purpose of standardizing plumbing materials and equipment.
1962	Sectional Committee B94 was formed for the standardization of cutting tools.
1966	The American Standards Association, Inc. becomes the United States of America Standards Institute.
1968	Proposed Performance Test Code for Nuclear Reactor Fuel.
1969	International Standards Organization adopts uniform, worldwide rating point for gas turbines using ASME's Gas Turbine Performance Test Code.
1969	United States of America Standards Institute becomes the American National Standards Institute.
1979	Formation of a new Standards Committee on Test Uncertainty (PTC 19.1).

1983	Standard on Pipe Threads, General Purpose, Inch (B1.20.1).
1984	ASME celebrates 100 years of Codes and Standards activities – A Century of Progress Through Voluntary Action.
1984	First Performance Test Code Medal Issued.
1991	Formation of a Committee for the Performance Test Code for Overall Power Plant Performance.
1993	Y32 Committee on Graphic Symbols will become a subcommittee of Y14.
1993	B106 Committee on Design of Transmission Shafting disbanded.
1993	Y10 Committee on Letter Symbols disbanded
1993	Y15 Committee on Preferred Practice for Preparation of Graphs Charts, and Other Technical Illustrations disbanded
1994	Consolidate of B36 activity to be under B32 Committee.
1996	Standards on Calibration of Instruments (MC88) transferred to the International Society for Measurement and Control [ISA].
1999	First Consolidation of Fasteners Standards Published (B18.27).
1999	First Consolidation of Chain Standards Published (B29.300).
2000	First Consolidation of Pressure and Temperature Instruments Standards Published (B40.100).
2000	C&S Connect (on-line balloting & tracking system) launched for Boiler and Pressure Vessel Committees.
2001	Discontinuation of the Fastener Accreditation Program.
2001	ASME and Canadian Standards Association (CSA) sign an agreement for the harmonizing of plumbing fittings.
2001	Joint NIST and ASME Workshop Concerning Measurement Uncertainty held.
2002	First edition of Performance Test Code for Fuel Cell Power Systems Performance (PTC50).
2002	C&S Connect (on-line balloting & tracking system) launched for committee use.
2002	First B107 Consolidation of Hand Tool Standards Published (B107.100).
2002	Disband the Slew Ring Bearing (SRB) Committee.
2003	First edition of standard on Digital Product Definition Data Practices (Y14.41).
2003	First edition of standard on Dimensioning and Tolerancing Principles for Gages and Fixtures (Y14.43).
2004	ASME and Canadian Standards Association (CSA) expand agreement to include harmonizing of plumbing fittings and fixtures.
2004	ASME Standards Technology, LLC (ASME ST-LLC) established.
2004	New edition of standard on Flow Measurement for Performance Testing (PTC 19.5).
2004	A Consortium for Standards and Conformity Assessment was formed with ASME, American Petroleum Institute, ASTM International, and CSA America to open an office in Beijing, China with the support of the Dept. of Commerce and their counterpart in China AQSIQ.
2004	First edition of code on Steam Turbines in Combined Cycles (PTC 6.2).
2005	Committee on Cutting Tools (B94) combined into Machine Tool Committee (B5) as Subcommittee.
2005	Board on Performance Test Codes moved to be under the Board on Standardization. Title of Board revised to Board on Standardization & Testing.
2005	First edition of joint ASME/CSA standard on Plumbing Supply Fittings.
2006	First edition of Integrated Gasification Combined Cycle Power Generation Plants (PTC 47)
2006	Standard on Pallets, Slip Sheets, and Other Bases for Unit Loads (MH-1) transferred to Material Handling Industry of America.
2006	Formation of the ASME Asia Pacific LLC.
2006	First edition of standard on Vitreous China Nonwater Urinals (A112.19.19).
2006	C&S India Liaison established.
2006	First edition of Guide for Verification and Validation in Computational Solid Mechanics (V&V 10).
2007	First edition of code on Waste Combustors with Energy Recovery (PTC 34).
2007	AP-LLC Beijing Representative Office opened.
2007	Formation of a new Standards Committee on Industrial System Energy Assessment (EA).
2007	Formation of a new Standards Committee on Aerospace and Advanced Engineering Drawings (AED)
2008	Sunsetting the Committee on Gas Turbine Procurement (B133).
2008	Formation of a new Standards Committee on Verification and Validation (V&V).
2008	First Patrick Higgins Medal is awarded.
2009	New edition of standard on Dimensioning and Tolerancing (Y14.5).
2009	New committee formed concerning performance testing of concentrating solar power plants.
2009	Signed an agreement with Canadian Standards Association (CSA), and the American Society of

	Sanitary Engineering (ASSE) to harmonized Standards for plumbing fittings.
2009	Formation of a new Standards Committee on Reliability, Availability, and Maintainability of Power Plants (RAM).
2010	First Energy Assessment Standards issued.
2010	First edition of Standard for Verification and Validation in Computational Fluid Dynamics and Heat Transfer (V&V 20).
2010	Formation of a new V&V Subcommittee on Verification and Validation in Computational Modeling of Medical Devices.
2010	Revised edition of Standard on Thermowells (PTC 19.3 TW).
2011	First ASME Webinar of a Standard (B46.1) held
2012	First ASME Verification and Validation in Computational Modeling Symposium held
2012	Formation of a new Standards Committee on Water Efficiency Guidelines for Power and Other Industrial Facilities (WEG)
2014	Formation of a new Standards Committee on Operating Power Plant Availability and Performance (PAP)
2014	Publication of first joint B46, B89 and Y14 Standard - Product Definition Specification (PDS)

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