

ASTM（美国材料与试验协会）数据库标准修订之一

2018 年

ASTM（美国材料与试验协会）成立于 1898 年，致力于研究和制定材料规范和试验方法标准，制定各种材料、产品、系统、服务项目的性能标准，以及试验方法、程序等标准。ASTM 共有 129 个技术委员会，下设有 2000 多个分会，主要制定 130 多个专业领域的试验方法、规范、规程、指南、分类和术语标准，如钢铁制品、有色金属制品、金属试验方法和分析程序、建筑界、石油产品、润滑剂和矿物燃料、涂料、有关涂层芳香剂、纺织品、电气绝缘和电子、水和环境技术、通用方法和测试仪器、化学特制品等。

ASTM 数据库收录 12000 多个现行标准。每年对多个标准进行修订，2013 年至 2017 年修订了 673 个标准。2018 年 1-3 月修订了下述 35 个标准。我校购买了 [ASTM（美国材料与试验协会）在线数据库](#)（文献类型包括标准，期刊，会议记录，专著及手册），使用方法参见 [ASTM 门户网站使用指南](#)。

New Approved ASTM Standards--2018 年

序号	标准修订信息
1	A484/A484M - Standard Specification for General Requirements for Stainless Steel Bars, Billets, and Forgings has been revised to A484/A484M-18 developed by Committee A01.17 , ASTM BOS Volume 01.03 .
2	C1385/C1385M - Standard Practice for Sampling Materials for Shotcrete has been reapproved, available as C1385/C1385M-10(2017) developed by Committee C09.46 , ASTM BOS Volume 04.02 .
3	F2129 - Standard Test Method for Conducting Cyclic Potentiodynamic Polarization Measurements to Determine the Corrosion Susceptibility of Small Implant Devices has been revised to F2129-17b developed by Committee F04.15 , ASTM BOS Volume 13.01 .
4	F1044 - Standard Test Method for Shear Testing of Calcium Phosphate Coatings and Metallic Coatings has been reapproved (with editorial change), available as F1044-05(2017)e1 developed by Committee F04.15 , ASTM BOS Volume 13.01 .
5	A995/A995M - Standard Specification for Castings, Austenitic-Ferritic (Duplex) Stainless Steel, for Pressure-Containing Parts has been revised to A995/A995M-18 developed by Committee A01.18 , ASTM BOS Volume 01.02 .
6	F72 - Standard Specification for Gold Wire for Semiconductor Lead Bonding has been reinstated as F72-17 developed by Committee F01.03 , ASTM BOS Volume 10.04 .
7	C1421 - Standard Test Methods for Determination of Fracture Toughness of Advanced Ceramics at Ambient Temperature has been revised to C1421-18 developed by Committee C28.01 , ASTM BOS Volume 15.01 .
8	E2831/E2831M - Standard Guide for Deployment of Blast Resistant Trash Receptacles in Crowded Places has been reapproved, available as E2831/E2831M-11(2018) developed by Committee E54.08 , ASTM BOS Volume 15.08 .
9	E2639 - Standard Test Method for Blast Resistance of Trash Receptacles has been reapproved, available as E2639-12(2018) developed by Committee E54.08 , ASTM BOS Volume 15.08 .
10	E2740 - Standard Specification for Trash Receptacles Subjected to Blast Resistance Testing has been

	reapproved, available as E2740-12(2018) developed by Committee E54.08 , ASTM BOS Volume 15.08 .
11	C755 - Standard Practice for Selection of Water Vapor Retarders for Thermal Insulation has been editorially changed, available as C755-10(2015)e1 developed by Committee C16.33 , ASTM BOS Volume 04.06 .
12	E1316 - Standard Terminology for Nondestructive Examinations has been revised to E1316-18 developed by Committee E07.92 , ASTM BOS Volume 03.03 .
13	E2834 - Standard Guide for Measurement of Particle Size Distribution of Nanomaterials in Suspension by Nanoparticle Tracking Analysis (NTA) has been reapproved, available as E2834-12(2018) developed by Committee E56.02 , ASTM BOS Volume 14.02 .
14	E2865 - Standard Guide for Measurement of Electrophoretic Mobility and Zeta Potential of Nanosized Biological Materials has been reapproved, available as E2865-12(2018) developed by Committee E56.02 , ASTM BOS Volume 14.02 .
15	C441/C441M - Standard Test Method for Effectiveness of Pozzolans or Ground Blast-Furnace Slag in Preventing Excessive Expansion of Concrete Due to the Alkali-Silica Reaction has been revised to C441/C441M-17 developed by Committee C09.50 , ASTM BOS Volume 04.02 .
16	D7127 - Standard Test Method for Measurement of Surface Roughness of Abrasive Blast Cleaned Metal Surfaces Using a Portable Stylus Instrument has been revised to D7127-17 developed by Committee D01.46 , ASTM BOS Volume 06.02 .
17	C1332 - Standard Practice for Measurement of Ultrasonic Attenuation Coefficients of Advanced Ceramics by Pulse-Echo Contact Technique has been revised (with title change) to C1332-18 developed by Committee E07.06 , ASTM BOS Volume 03.04 .
18	D5850 - Standard Test Method for (Analytical Procedure) Determining Transmissivity, Storage Coefficient, and Anisotropy Ratio from a Network of Partially Penetrating Wells has been revised to D5850-18 developed by Committee D18.21 , ASTM BOS Volume 04.08 .
19	A213/A213M - Standard Specification for Seamless Ferritic and Austenitic Alloy-Steel Boiler, Superheater, and Heat-Exchanger Tubes has been revised to A213/A213M-18 developed by Committee A01.10 , ASTM BOS Volume 01.01 .
20	A182/A182M - Standard Specification for Forged or Rolled Alloy and Stainless Steel Pipe Flanges, Forged Fittings, and Valves and Parts for High-Temperature Service has been revised to A182/A182M-18 developed by Committee A01.22 , ASTM BOS Volume 01.01 .
21	A608/A608M - Standard Specification for Centrifugally Cast Iron-Chromium-Nickel High-Alloy Tubing for Pressure Application at High Temperatures has been reapproved, available as A608/A608M-14(2018) developed by Committee A01.18 , ASTM BOS Volume 01.02 .
22	A403/A403M - Standard Specification for Wrought Austenitic Stainless Steel Piping Fittings has been revised to A403/A403M-18 developed by Committee A01.22 , ASTM BOS Volume 01.01 .
23	A234/A234M - Standard Specification for Piping Fittings of Wrought Carbon Steel and Alloy Steel for Moderate and High Temperature Service has been revised to A234/A234M-18 developed by Committee A01.22 , ASTM BOS Volume 01.01 .
24	A336/A336M - Standard Specification for Alloy Steel Forgings for Pressure and High-Temperature Parts has been revised to A336/A336M-18 developed by Committee A01.06 , ASTM BOS Volume 01.05 .
25	A790/A790M - Standard Specification for Seamless and Welded Ferritic/Austenitic Stainless Steel Pipe has been revised to A790/A790M-18 developed by Committee A01.10 , ASTM BOS

	Volume 01.01.
26	A788/A788M - Standard Specification for Steel Forgings, General Requirements has been revised to A788/A788M-18 developed by Committee A01.06, ASTM BOS Volume 01.05.
27	A989/A989M - Standard Specification for Hot Isostatically-Pressed Alloy Steel Flanges, Fittings, Valves, and Parts for High Temperature Service has been revised to A989/A989M-18 developed by Committee A01.22, ASTM BOS Volume 01.01.
28	C871 - Standard Test Methods for Chemical Analysis of Thermal Insulation Materials for Leachable Chloride, Fluoride, Silicate, and Sodium Ions has been revised to C871-18 developed by Committee C16.31, ASTM BOS Volume 04.06.
29	E517 - Standard Test Method for Plastic Strain Ratio r for Sheet Metal has been revised to E517-18 developed by Committee E28.02, ASTM BOS Volume 03.01
30	E1921 - Standard Test Method for Determination of Reference Temperature, T_o, for Ferritic Steels in the Transition Range has been revised to E1921-18 developed by Committee E08.07, ASTM BOS Volume 03.01.
31	D4404 - Standard Test Method for Determination of Pore Volume and Pore Volume Distribution of Soil and Rock by Mercury Intrusion Porosimetry has been revised to D4404-18 developed by Committee D18.06, ASTM BOS Volume 04.08.
32	E209 - Standard Practice for Compression Tests of Metallic Materials at Elevated Temperatures with Conventional or Rapid Heating Rates and Strain Rates has been revised to E209-18 developed by Committee E28.04, ASTM BOS Volume 03.01.
33	F2066 - Standard Specification for Wrought Titanium-15 Molybdenum Alloy for Surgical Implant Applications (UNS R58150) has been revised to F2066-18 developed by Committee F04.12, ASTM BOS Volume 13.01.
34	E45 - Standard Test Methods for Determining the Inclusion Content of Steel has been revised to E45-18 developed by Committee E04.09, ASTM BOS Volume 03.01.
35	E963 - Standard Practice for Electrolytic Extraction of Phases from Ni and Ni-Fe Base Superalloys Using a Hydrochloric-Methanol Electrolyte has been reapproved, available as E963-95(2017) developed by Committee E04.11, ASTM BOS Volume 03.01.