ASME Standards & Certification Energy-Related Products and Services

Fossil Energy

Codes and Standards

- Air Heaters (PTC 4.3)
- Atmospheric Water Cooling Equipment (PTC 23)
- Blower Systems, Wire to Air Performance Test Code (PTC 13) (under development)
- Boilers, Controls & Safety Devices (CSD)
- Boilers, Power (BPVC Section I)
- Boilers, Heating (BPVC Section IV)
- Boilers, Heating, Care of (BPVC Section VI)
- Boilers, Power, Care of (BPVC Section VII)
- Boilers, Solar (BPVC Section I Code Case)
- Coal Pulverizers (PTC 4.2)
- Compressors and Exhausters (PTC 10)
- Condensers, Steam, Air-Cooled (PTC 30.1)
- Condensers, Steam, Surface (PTC 12.2)
- Cycle Alignment (POM 103) (under development)
- Deaerators (PTC 12.3)
- Energy Storage Systems (PTC 53) (under development)
- Ejectors (PTC 24)
- Fans (PTC 11)
- Feedwater Heaters, Closed (PTC 12.1)
- Fitness for Service (FFS-1)
- Flue and Exhaust Gas, Analysis (PTC 19.10)
- Flue Gas, Desulfurization Units (PTC 40)
- Gas Stream, Determining Particulate Matter Concentration (PTC 38)
- Heat Exchangers, Air-Cooled (PTC 30)
- Heat Exchangers, Single Phase (PTC 12.5)
- Industrial Sound Measurement (PTC 36)
- Inspection Planning Using Risk-Based Methods (PCC-3)
- High Purity Water Treatment Systems (PTC 31)
- Pipelines, Corroded, Determining Remaining Strength (B31G)
- Pipelines, Gas (B31.8)
- Pipelines, Gas, Managing System Integrity of Gas (B31.8S)
- Pipelines, Operator Qualification (B31Q)
- Piping, Fuel Gas (B31.2)
- Piping, Liquids and Slurries (B31.4)
- Piping, Power (B31.1)
- Piping, Process (B31.3)
- Piping, Refrigeration (B31.5)
- Piping and Pipelines, Hydrogen (B31.12)
- Pressure Vessels (BPVC Section VIII, Div 1)
- Pressure Vessels, Alternative Rules (BPVC Section VIII, Div 2)
- Pressure Vessels, Fiber Reinforced Plastic (BPVC Section X)
- Pressure Vessels, High Pressure (BPVC Section VIII, Div 3)
- Power Plants, Integrated Gasification Combined Cycle (PTC 47)
- Power Plants, Integrated Gasification Combined Cycle, Air Separation Units (PTC 47.1) (under development)
- Power Plants, Integrated Gasification Combined Cycle, Gasification (PTC 47.2) (under development)
- Power Plants, Integrated Gasification Combined Cycle, Gas Clean-Up Units (PTC 47.3) (under development)
- Power Plants, Integrated Gasification Combined Cycle, Power Block Units (PTC 47.4)
- Power Plants, Operating Walkdowns (PTC 102)
- Power Plants, Overall Performance (PTC 46)
- Power Plants, Overall Performance with Carbon Capture (PTC 48) (under development)
- Power Plants, Performance Related Outage Inspections (PTC 101)
- Power Plants, Reliability, Availability, and Maintainability (RAM-1)
- Power Plants, Reliability, Availability, and Maintainability Process (RAM-2) (under development)
- Power Plants, Steam, Performance Monitoring Guidelines (PTC PM)
- Ramp Rates (PTC 70)
- Repair of Pressure Equipment and Piping (PCC-2)
- Steam Generators, Fired (PTC 4)
- Steam Generators, Gas Turbine Heat Recovery (PTC 4.4)
- Steam Traps (PTC 39)
- Steam and Water Sampling, Conditioning, and Analysis in the Power Cycle (PTC 19.11)
- Steel Stacks (STS-1)
- Transport Tanks (BPVC Section XII)
- Turbines, Gas (PTC 22)
- Turbines, Gas, Inlet Air Conditioning Equipment (PTC 51)
- Turbines, Gas, Installation Sound Emissions (B133.8)
- Turbines, Steam (PTC 6)
- Turbines, Steam, Combined Cycles (PTC 6.2)
- Turbines, Steam, Prevention of Water Damage (TDP-1)

Training Courses and Materials

- Boiler and Pressure Vessel Codes (19)
- Piping Codes (12)
- Spanish Codes (7)
- Operation, Maintenance and Repair of Plant Piping Systems
- Power Plant Training Simulation for Managers & Engineers
- International Pipeline Operator Certificate Program
- BPVC Section VIII Example Manuals (3)
- Fitness for Service, Example Problem Manual (FFS-2)
- Selection of Valves
- Gas Turbine Technology

Certification Programs

- Boiler and Pressure Vessel Manufacturer Certification
- Material Supplier Certification
- Qualification and Certification of Operators of High Capacity Fossil Fuel Fired Plants (QFO)

Technical Reports and Guides

- Bolted Flange Joint Assemblies, Guidelines for Pressure Boundary (PCC-1)
- Decommissioning of Coal-Fired Plant Investigation Report (STP-TS-060)
- Gas Pipelines, Integrity Management of Stress Corrosion Cracking in High Consequence Areas (STP-PT-011)
- Gas Turbines, Thermophysical Properties of Working Gases (STP-TS-012)
- Pressure Equipment Integrity, Guide to Life Cycle Management (PTB-2)
- Pressure Equipment Integrity, Guide to Life Cycle Management, Examples Manual (under development)
- Pressure Piping, Impact Testing Exemption Curves For Low Temperature Operation (STP-PT-028)
- Pressure Vessels, Alternative Rules, Criteria and Commentary (PTB-1)
- Pressure Vessels, Comparison Between ASME Section VIII and European Norm 13445 (STP-PT-007)
- Trailer Truck Tanks, Buckling of Cylindrical, Thin Walls (STP-PT-032)

Note: Other ASME standards may be applicable.

For more information visit http://catalog.asme.org/ or call 1-800-THE-ASME (800-843-2763).