

## II. NUMERIC INDEX WITH TITLES

Gdl 0-2005	The Commissioning Process
SGPC 0	The Commissioning Process
Gdl 1-1996	The HVAC Commissioning Process
GPC 1-1996R	The Commissioning Process for HVAC&R
Gdl 2-2005	Engineering Analysis of Experimental Data
Gdl 4-1993	Preparation of Operating and Maintenance Documentation for Building Systems
GPC 4-1993R	Preparation of Operating and Maintenance Documentation for Building Systems
Gdl 5-1994 (RA 2001)	Commissioning Smoke Management Systems
GPC 5-1994R	Commissioning Smoke Management Systems
Gdl 6-1996	Format for Information on Refrigerants
GPC 6-1996R	Format for Information on Refrigerants
Gdl 8-1994	Energy Cost Allocation for Multiple-Occupancy Residential Buildings
GPC 8-1994R	Energy Cost Allocation for Multiple-Occupancy Residential Buildings
GPC 10P	Criteria for Achieving Acceptable Indoor Environments
GPC 11P	Field Testing of HVAC Controls Components
Gdl 12-2000	Minimizing the Risk of Legionellosis Associated With Building Water Systems
GPC 12-2000R	Minimizing the Risk of Legionellosis Associated With Building Water Systems
Gdl 13-2000	Specifying Direct Digital Control Systems
SGPC 13	To maintain and revise Guideline 13. Guideline on continuous maintenance.
Gdl 14-2002	Measurement of Energy and Demand Savings
GPC 14-2002R	Measurement of Energy, Demand and Water Savings
GPC 15P	Thermal and Air Intrusion Considerations in the Design of Roofs, Walls and Floors
Gdl 16-2003	Specifying Outside, Return, and Relief Dampers for Variable Air Volume Systems
GPC 16-2003R	Specifying Outside, Return, and Relief Dampers for Variable Air Volume Systems
GPC 17P	Sampling of Airborne Particle Concentrations in Commercial and Residential Buildings
GPC 20P	XML Definitions for HVAC&R
GPC 21P	Guideline for Stationary Battery Room Ventilation and Thermal Conditions
GPC 22P	Instrumentation for Monitoring Central Chilled Plant Efficiency
GPC 23P	Guideline for the Design and Application of Heating, Ventilation and Air Conditioning Equipment for Rail Passenger Vehicles
GPC 24P	Ventilation and Indoor Air Quality In Low-Rise Residential Buildings
GPC 25P	Method of Measuring Solar-Optical Properties of Materials
GPC 26P	Guideline for Field Testing of General Ventilation Filtration Devices and Systems for Removal Efficiency In-Situ by Particle Size and Resistance to Airflow
GPC 27P	Guideline for Procedures for Measurement of Gases in Indoor Environments
GPC 28P	Air Quality Within Commercial Aircraft
GPC 29P	Guideline for Risk Management of Public Health and Safety in Buildings
GPC 30P	The Commissioning Process for Existing HVAC&R Systems

GPC 31P	Building Operation and Maintenance Training for the HVAC&R Commissioning Process
Std 15-2007	Safety Standard for Refrigeration Systems ( <b>Supersedes ANSI B9.1, Safety Code for Mechanical Refrigeration</b> ) and Addenda
SSPC 15	To maintain and revise Standard 15. Standard on continuous maintenance.
Std 16-1983 (RA 99)	Method of Testing for Rating Room Air Conditioners and Packaged Terminal Air Conditioners
SPC 16-1983R	Revision committee approved by StdC 1/30/2003 with same TPS
Std 17-1988 (RA 2003)	Method of Testing Capacity of Thermostatic Refrigerant Expansion Valves
SPC 17-1988R	Method of Testing Capacity of Thermostatic Refrigerant Expansion Valves
Std 18-2006	Methods of Testing for Rating Drinking-Water Coolers with Self-Contained Mechanical Refrigeration
SPC 18-2006R	Methods of Testing for Rating Drinking-Water Coolers with Self-Contained Mechanical Refrigeration
Std 20-1997 (RA2006)	Method of Testing for Rating Remote Mechanical-Draft Air-Cooled Refrigerant Condensers
Std 22-2007	Methods of Testing for Rating Water-Cooled Refrigerant Condensers
Std 23-2005	Methods of Testing for Rating Positive Displacement Refrigerant Compressors and Condensing Units (Revision of ASHRAE 14 and ASHRAE 23)
Std 24-2000 (RA 2005)	Methods of Testing for Rating Liquid Coolers
Std 25-2001 (RA 2006)	Methods of Testing Forced Convection and Natural Convection Air Coolers for Refrigeration
Std 26-1996 (RA 2006)	Mechanical Refrigeration and Air Conditioning Installations Aboard Ship
Std 28-1996 (RA 2006)	Method of Testing Flow Capacity of Refrigerant Capillary Tubes
Std 29-1988 (RA 05)	Methods of Testing Automatic Ice Makers
SPC 29-1988R	Methods of Testing Automatic Ice Makers
Std 30-1995	Methods of Testing Liquid Chilling Packages
SPC 30-1995R	Method of Testing Liquid-Chilling Packages
Std 32.1-2004	Methods of Testing for Rating Vending Machines for Bottled, Canned and Other Sealed Beverages ( <b>Supersedes Standard 32.1-1997.</b> )
SPC 32.1-2004R	Methods of Testing for Rating Vending Machines for Bottled, Canned and Other Sealed Beverages
Std 32.2-2003 (RA 2007)	Methods of Testing for Rating Pre-Mix and Post-Mix Beverage Dispensing Equipment
Std 33-2000	Methods of Testing Forced Circulation Air Cooling and Air Heating Coils
SPC 33-2000	Methods of Testing Forced Circulation Air Cooling and Air Heating Coils
Std 34-2007 And Addenda	Designation and Safety Classification of Refrigerants
SSPC 34	To maintain and revise Standard 34. Standard on continuous maintenance.
Std 35-1992	Method of Testing Desiccants for Refrigerant Drying
SSPC 35	To maintain and revise Standard 35. Standard on continuous maintenance.
Std 37-2005	Methods of Testing for Rating Electrically Driven Unitary Air-Conditioning and Heat Pump Equipment
Std 40-2002 (RA 2006)	Methods of Testing for Rating Heat Operated Unitary Air Conditioning and Heat-Pump Equipment
SSPC 41	Standard Methods of Measurement to maintain and revise each of the 41 series individual standards
Std 41.1-1986 (RA 06)	Standard Method for Temperature Measurement
SPC 41.1-1986R	Standard Method for Temperature Measurement
Std 41.2-1987 (RA 92)	Standard Methods for Laboratory Air-Flow Measurement

SPC 41.2-1987R	Standard Methods for Laboratory Airflow Measurement
Std 41.3-1989	Standard Method for Pressure Measurement
SPC 41.3-1989R	Standard Method for Pressure Measurement
Std 41.4-1996 (RA 2006)	Method for Measurement of Proportion of Lubricant in Liquid Refrigerant
SPC 41.4-1996R	Standard Method for Measurement of Proportion of Lubricant in Liquid Refrigerant
Std 41.6-1994 (RA 2006)	Standard Method for Measurement of Moist Air Properties
SPC 41.6-1994R	Standard Methods for Humidity Measurement
Std 41.7-1984 (RA 2006)	Method of test for Measurement of Flow of Gas
Std 41.8-1989	Standard Methods of Measurement of Flow of Liquids in Pipes Using Orifice Flowmeters
SPC 41.8-1989R	Standard Methods of Measurement of Flow of Liquids in Pipes Using Orifice Flowmeters
Std 41.9-2000 (RA 2006)	Calorimeter Test Methods for Mass Flow Measurement of Volatile Refrigerants
Std 41.10-2003 (RA 2006)	Flowmeter Test Methods for Flow Measurement of Volatile Refrigerants <b>(Previously 156P)</b>
SPC 41.10-2003R	Standard Methods for Volatile Refrigerant Mass Flow Measurement Using Flowmeters
SPC 41.11P	Standard Methods for Power Measurement
Std 51-1999	Laboratory Methods of Testing Fans for Aerodynamic Performance Rating (AMCA 210-99) <b>(AMCA is the lead organization for this standard, approved by StdC June 2001, Cincinnati)</b>
Std 52.1-1992	Gravimetric and Dust Spot Procedures for Testing Air Cleaning Devices Used in General Ventilation for Removing Particulate Matter
SPC 52.1-1992R	Gravimetric and Dust-Spot Procedures for Testing Air-Cleaning Devices Used in General Ventilation for Removing Particulate Matter
Std 52.2-2007	Method of Testing General Ventilation Air-Cleaning Devices for Removal Efficiency by Particle Size
SSPC 52.2	To maintain and revise Standard 52.2. Standard on periodic maintenance.
Std 55-2004	Thermal Environmental Conditions for Human Occupancy
SSPC 55	To maintain and revise Standard 55. Standard on continuous maintenance. Standard 55 placed on continuous maintenance January 2004 (Anaheim).
Std 58-1986 (RA 99)	Method of Testing for Rating Room Air Conditioner and Packaged Terminal Air Conditioner Heating Capacity
SPC 58-1986R	Revision committee approved by StdC 1/30/2003 with same TPS.
Std 62.1-2007 And Addenda	Ventilation for Acceptable Indoor Air Quality
SSPC 62.1	To maintain and revise Standard 62. Standard on continuous maintenance. Ventilation and Acceptable Indoor Air Quality in Commercial, Institutional, Industrial and High-Rise Residential Buildings
Std 62.2-2007 And Addenda	Ventilation and Acceptable Indoor Air Quality in Low-Rise Residential Buildings
SSPC 62.2	To maintain and revise Standard 62.2. Standard on continuous maintenance.
Std 63.1-1995 (RA 2001)	Method of Testing Liquid Line Refrigerant Driers
SPC 63.1-1995R	Method of Testing Liquid Line Refrigerant Driers
Std 63.2-1996 (RA 2006)	Method of Testing the Filtration Capability of Refrigerant Liquid Line Filters and Filter-Driers
Std 64-2005	Methods of Laboratory Testing Remote Mechanical-Draft Evaporative Refrigerant Condensers <b>(Supersedes Std 64-1995.)</b>
Std 68-1997	Laboratory Method of Testing to Determine the Sound Power in a Duct
SPC 68-1997R	(Revision committee approved by StdC 1/30/2003 with same TPS)

(ANSI/AMCA 330-97)

Std 70-2006	Method of Testing for Rating the Performance of Air Outlets and Inlets
Std 72-2005	Method of Testing Open Refrigerators SPC 72-1998R Method of Testing Open and Closed Commercial Refrigerators and Freezers
Std 74-1988	Method of Measuring Solar-Optical Properties of Materials
SPC 74-1988R	Method of Measuring Solar-Optical Properties of Materials
Std 78-1985 (RA 2007)	Method of Testing Flow Capacity of Suction Line Filters and Filter-Driers
Std 79-2002 (RA 2006)	Methods of Testing for Rating Room Fan-Coil Conditioners
Std 84-1991	Method of Testing Air-to-Air Heat Exchangers
SPC 84-1991R	Method of Test for Air-to-Air Heat/Energy Exchangers
Std 86-1994 (RA 2006)	Methods of Testing the Floc Point of Refrigeration Grade Oils
Std 87.2-2002	In-Situ Method of Testing Propeller Fans for Reliability (Previously 144P)
SPC 87.2-2002R	In-Situ Method of Testing Propeller Fans for Reliability
Std 87.3-2001 (RA 2006)	Method of Testing Propeller Fan Vibration - Diagnostic Test Methods
Std 90.1-2004 And Addenda	Energy Efficient Design of New Buildings Except Low-Rise Residential Buildings
SSPC 90.1	To maintain and revise Standard 90.1. Standard on continuous maintenance.
Std 90.2-2007 And Addenda	Energy Efficient Design of Low-Rise Residential Buildings
SSPC 90.2	To maintain and revise Standard 90.2. Standard on continuous maintenance.
Std 93-2003	Methods of Testing to Determine the Thermal Performance of Solar Collectors
SPC 93-2003R	Methods of Testing to Determine the Thermal Performance of Solar Collectors
Std 94.1-2002 (RA 2006)	Method of Testing Active Latent-Heat Storage Devices Based on Thermal Performance
Std 94.2-1981 (RA 2006)	Method of Testing Thermal Storage Devices with Electrical Input and Thermal Output Based on Thermal Performance
Std 94.3-1986 (RA 2006)	Method of Testing Active Sensible Thermal Energy Devices Based on Thermal Performance
Std 95-1981 (RA 87)	Methods of Testing to Determine the Thermal Performance of Solar Domestic Water Heating Systems
SPC 95-1987R	Methods of Testing to Determine the Thermal Performance of Solar Domestic Water Heating Systems
Std 96-1980 (RA 89)	Methods of Testing to Determine the Thermal Performance of Unglazed Flat-Plate Liquid-Type Solar Collectors
SPC 96-1980R	Methods of Testing to Determine the Thermal Performance of Unglazed Flat-Plate Liquid-Type Solar Collectors
Std 97-2007	Sealed Glass Tube Method to Test the Chemical Stability of Materials for Use Within Refrigerant Systems
SPC 97-1999R	Sealed Glass Tube Method to Test the Chemical Stability of Materials for Use Within Refrigerant Systems
Std 99-2006	Refrigeration Oil Description SPC 99-1981R Refrigeration Oil Description
Std 100-2006	Energy Conservation in Existing Buildings
SPC 103-1993R	Method of Testing for Annual Fuel Utilization Efficiency of Residential Central Furnaces and Boilers
Std 105-2007	Standard Methods of Measuring, Expressing, and Comparing Building Energy Performance
Std 109-1986 (RA 2003)	Methods of Testing to Determine the Thermal Performance of Flat-Plate Solar Collectors Containing a Boiling Liquid

Std 110-1995	Method of Testing Performance of Laboratory Fume Hoods
SPC 110-1995R	Method of Testing Performance of Laboratory Fume Hoods
Std 111-1988	Practices for Measurement, Testing, Adjusting and Balancing of Building Heating, Ventilation, Air-Conditioning and Refrigeration Systems
SPC 111-1988R	Measurement, Testing, Adjusting and Balancing of Building Heating, Ventilation and Air-Conditioning Systems
Std 113-2005	Method of Testing for Room Air Diffusion
Std 116-1995 (RA 2005)	Methods of Testing for Rating Seasonal Efficiency of Unitary Air Conditioners and Heat Pumps
SPC 116-1995R	Methods of Testing for Rating Seasonal Efficiency of Unitary Air Conditioners and Heat Pumps
Std 118.1-2003	Method of Testing for Rating Commercial Gas, Electric, and Oil Service Water Heating Equipment
SPC 118.1-2003R	Method of Testing for Rating Commercial Gas, Electric, and Oil Service Water Heating Equipment
Std 118.2-2006	Method of Testing for Rating Residential Water Heaters
SPC 118.2-2006R	Method of Testing for Rating Residential Water Heaters
Std 119-1988 (RA 2004)	Air Leakage Performance for Detached Single-Family Residential Buildings
SPC 119-1988R	Air Leakage Performance for Detached Single-Family Residential Buildings
Std 120-1999	Method of Testing to Determine Flow Resistance of HVAC Ducts and Fittings
SPC 120-1999R	Method of Testing to Determine Flow Resistance of HVAC Ducts and Fittings
Std 124-2007	Methods of Testing for Rating Combination Space-Heating and Water-Heating Appliances
Std 125-1992 (RA 2006)	Method of Testing Thermal Energy Meters for Liquid Streams in HVAC Systems
Std 126-2000	Methods of Testing HVAC Air Ducts
SSPC 126	to maintain and revise Standard 126. Standard on continuous maintenance.
Std 127-2007	Method of Testing for Rating Computer and Data Processing Room Unitary Air Conditioners
Std 128-2001	Method of Rating Unitary Spot Air Conditioners
SPC 128-2001R	Method of Rating Unitary Spot Air Conditioners
Std 129-1997 (RA 2002)	Measuring Air Change Effectiveness
SPC 129-1997R	Measuring Air Change Effectiveness
Std 130-1996 (RA 2006)	Methods of Testing for Rating Ducted Air Terminal Units
SPC 130-1996R	Methods of Testing Air Terminal Units
Std 133-2001	Method of Testing Direct Evaporative Air Coolers
SPC 133-2001R	Method of Testing Direct Evaporative Air Coolers
Std 134-2005	Graphic Symbols for Heating, Ventilating, Air Conditioning and Refrigerating Systems
SSPC 134	To maintain and revise Standard 134. Standard on continuous maintenance.
Std 135-2004 And Addenda	BACnet - A Data Communication Protocol for Building Automation and Control Networks
SSPC 135	To maintain and revise Standard 135. Standard on continuous maintenance.
Std 135.1-2003	Method of Test for Conformance to BACnet
SSPC 135	Responsible for the development of proposed Standard 135.1.
Std 136-1993 (RA 2006)	Method of Determining Air Change Rates in Detached Dwellings
SSPC 62.2	To maintain and revise Standard 136. Standard on periodic maintenance

Std 137-1995 (RA 2004)	Methods of Testing for Efficiency of Space-Conditioning/Water-Heating Appliances that Include a Desuperheater Water Heater
Std 138-2005	Method of Testing for Rating Hydronic Radiant Ceiling Panels
Std 139-2007	Method of Testing for Rating Desiccant Dehumidifiers Utilizing Heat for the Regeneration Process
Std 140-2001	Standard Method of Test for the Evaluation of Building Energy Analysis Computer Programs
SSPC 140	To maintain and revise Standard 140. Standard on continuous maintenance. Standard 140 placed on continuous maintenance January 2004 (Anaheim).
SPC 141P	Methods of Testing Fluorocarbon Refrigerants for Contaminants
SSPC 141	To maintain and revise Standard 141. Standard on periodic maintenance.
Std 143-2007	Method of Testing for Rating Indirect Evaporative Coolers
SPC 145P	Test Method for Assessing the Performance of Gas Phase Air Cleaning Equipment
SPC 145.1P	Laboratory Method for Assessing the Performance of Gas-Phase Air Cleaning Systems: Loose Granular Media
SPC 145.2P	Laboratory Test Method for Assessing the Performance of Gas-Phase Air Cleaning Systems: Air Cleaning Devices
SPC 145.3P	Field Test Method for Assessing the Performance of Gas-Phase Air Cleaning Systems: Installed Systems
Std 146-2006	Method of Testing and Rating Pool Heaters
Std 147-2002	Reducing the Release of Halogenated Refrigerants from Refrigerating and Air-Conditioning Equipment and Systems
SPC 147-2002R	Reducing the Release of Halogenated Refrigerants from Refrigerating and Air-Conditioning Equipment and Systems
Std 149-2000(RA 2005)	Laboratory Methods of Testing Fans Used to Exhaust Smoke in Smoke Management Systems
Std 150-2000 (RA 2004)	Method of Testing the Performance of Cool Storage Systems
Std 151-2002	Practices for Measuring, Testing, Adjusting, and Balancing Shipboard HVAC&R Systems
Std 152-2004	Method of Test for Determining the Design and Seasonal Efficiencies of Residential Thermal Distribution Systems
SPC 152-2004R	Method of Test for Determining the Design and Seasonal Efficiencies of Residential Thermal Distributions Systems
SPC 153P	Method of Testing for Capacity of Four-Way Refrigerant Reversing Valves
Std 154-2003	Ventilation for Commercial Cooking Operations SPC 155P Method of Testing for Rating Commercial Space Heating Boiler Systems
SPC 154-2003R	Ventilation for Commercial Cooking Operations
Std 155	Method of Testing for Rating Commercial Space Heating Boiler Systems
SPC 155P	Method of Testing for Rating Commercial Space Heating Boiler Systems
Std 158.1-2004	Methods of Testing Capacity of Refrigerant Solenoid Valves
SPC 158.1-2004R	Methods of Testing Capacity of Refrigerant Solenoid Valves
Std 158.2-2006	Methods of Testing Capacity for Refrigerant Pressure Regulators
SPC 160P	Design Criteria for Moisture Control in Buildings
SPC 161P	Air Quality Within Commercial Aircraft
SPC 164P	
SPC 164.1P	Methods of Testing Capacity and Air Pressure Drop of Central System Humidifiers for Residential Applications
SPC 164.2P	Methods of Testing Capacity and Power Input of Self-Contained Humidifiers for Residential Applications
SPC 164.3P	Methods of Testing Capacity and Power Input of Commercial and Industrial Humidifiers

SPC 166P	Heating, Ventilating, Air-Conditioning and Refrigerating Terminology
169-2006	Weather Data for Building Design Standards
SSPC 169	To maintain and revise Standard 169. Standard on continuous maintenance
SPC 170P	Ventilation of Health Care Facilities
SPC 171P	Method of Test of Seismic Restraint Devices for HVAC&R Equipment
SPC 172P	Method of Test for Insoluble Materials in Synthetic Lubricants and HFC Refrigerant Systems
SPC 173P	Method of Test to Determine the Performance of Halocarbon Refrigerant Leak Detectors
SPC 174P	Method of Test for Rating Packaged, Desiccant-Based, Dehumidifier Systems
SPC 175P	Metal Pressure Vessel Method to Test Materials Used in Refrigeration Systems
SPC 176P	Method of Testing the Precipitation Temperature of Partially Soluble Matter in Refrigerant/Lubricant Mixtures
SPC 177P	Method of Test for Measuring Fractionated Compositions of Refrigerant Blends
SPC 178P	Method of Test for Commercial and Industrial Humidifiers
SPC 179P	Methods of Test for Life Testing Positive Displacement Refrigerant Compressors
SPC 180P	Standard Practice for Inspection and Maintenance of HVAC Systems
SPC 181P	Methods of Testing Liquid-to-Liquid Heat Exchangers for Heating, Air-Conditioning, and Refrigeration Applications
SPC 182P	Method of Testing Absorption Water Chilling and Water Heating Packages
Std 183-2007	Methods and Procedures for Performing Cooling and Heating Load Calculations in Nonresidential Buildings
SPC 184P	Method of Test for Field Test of Liquid-Chilling Packages
SPC 185.1P	Method of Testing UVC Lights for Use in Air Handling Units or Air Ducts to Inactivate Airborne Microorganisms
SPC 185.2P	Method of Testing Ultraviolet Lamps for Use in HVAC&R Units or Air Ducts to Inactivate Microorganisms on Irradiated Surfaces
SPC 186P	Method of Test for Rating Positive Displacement Compressors that Operate at Supercritical Temperatures of the Refrigerants
SPC 188P	Prevention Practices for Legionellosis Associated with Building Water Systems
SPC 189.1P	Standard for the Design of High-Performance, Green Buildings Except Low-Rise Residential Buildings
SPC 189.2P	Design, Construction and Operation of Green High Performance Health Care Facilities
SPC 190P	Method of Testing for Rating Indoor Pool Dehumidifiers for Moisture Removal Capacity and Moisture Removal Efficiency
SPC 191P	Standard for the Conservation of Water Use in Building, Site and Mechanical Systems
SPC 192P	Method of Testing for Rating Desuperheater/Water Heaters
SPC 193P	Method of Testing for Determining the Air-Leakage Rate of HVAC Equipment
SPC 194P	Method of Test for Direct-Expansion Ground Source Heat Pumps