98-01 ISA CD Numerical Standards Listing

Volume	Standard
V	RP2.1 - Manometer Tables
Ι	S5.1 - Instrumentation Symbols and Identification
Ι	S5.2 - Binary Logic Diagrams for Process Operations
Ι	S5.3 - Graphic Symbols for Distributed Control/Shared Display Instrumentation, Logic and Computer Systems
Ι	S5.4 - Instrument Loop Diagrams
Ι	S5.5 - Graphic Symbols for Process Displays
II	S7.0.01 - Quality Standard for Instrument Air
IV	S12.0.01 - Electrical Apparatus
IV	S12.1 - Definitions and Information Pertaining to Electrical Instruments in Hazardous (Classified) Locations
IV	TR12.2 - Intrinsically Safe System Assessment Using the Entity Concept
IV	RP12.2.02 - Recommendations for the Preparation, Content, and Organization of Intrinsic Safety Control Drawings
IV	RP12.4 - Pressurized Enclosures
IV	RP12.6 - Wiring Practices for Hazardous (Classified) Locations Instrumentation Part 1: Intrinsic Safety
IV	S12.10 - Area Classification in Hazardous (Classified) Dust Locations
IV	S12.12 - Nonincendive Electronical Equipment for Use in Class I and II, Division 2 and Class III, Divisions 1 and 2 Hazardous (Classified) Locations
IV	S12.13 - Performance Requirements, Combustible Gas Detectors, Part I
IV	RP12.13 - Installation, Operation, and Maintenance of Combustible Gas Detection Instruments, Part II
IV	S12.15 - Installation, Operation and Maintenance of Hydrogen Sulfide Detection Instruments, Part I
IV	RP12.15 - Installation, Operation and Maintenance of Hydrogen Sulfide Detection Instruments, Part II
IV	S12.16.01 - Electrical Apparatus for Use in Class I, Zone 1 Hazardous (Classified) Loca- tions Type of Protection - Increased Safety "e"
IV	S12.22.01 - Electrical Apparatus for Use in Class I, Zone 1 Hazardous (Classified) Locations Type of Protection - Flameproof "d"
IV	S12.23.01 - Electrical Apparatus for Use in Class I, Zone 1 Hazardous (Classified) Locations Type of Protection - Encapsulation "m"

Volume	Standard
IV	RP12.24.01 - Recommended Practice for Classification of Locations for Electrical Installation Classified as Class I, Zone O, Zone 1 or Zone 2
IV	S12.25.01 - Electrical Apparatus for Use in Class I, Zone 1 Hazardous (Classified) Locations: Type of Protection - Powder Filling "q"
IV	S12.26.01 - Electrical Apparatus for Use in Class I, Zone 1 Hazardous (Classified) Locations Type of Protection - il-Immersion "o"
V	RP16.1,2,3 - Terminology, Dimensions and Safety Practices for Indicating Variable Area Meters (Rotameters - Glass Tube, Metal Tube, Extension-type Glass Tube)
V	RP16.4 - Nomenclature and Terminology for Extension-Type Variable Area Meters (Rotameters)
V	RP16.5 - Installation, Operation, Maintenance Instructions for Glass Tube Variable Area Meters (Rotameters)
V	RP16.6 - Methods and Equipment for Calibration of Variable Area Meters (Rotameters)
IV	S18.1 - Annunciator Sequence and Specifications
I	S20 - Specification Forms for Process Measurement and Control Instruments, Primary Elements, and Control Valves
V	S26 - Dynamic Response Testing of Process Control Instrumentation
V	RP31.1 - Specification, Installation and Calibration of Turbine Flowmeters
V	S37.1 - Electrical Transducer Nomenclature and Terminology
V	RP37.2 - Guide for Specifications and Tests for Piezoelectric Acceleration Transducers for Aerospace Testing
V	S37.3 - Specifications and Tests for Strain Gage Pressure Transducers
V	S37.5 - Specifications and Tests for Strain Gage Linear Acceleration Transducers
V	S37.6 - Specifications and Tests for Potentiometric Pressure Transducers
V	S37.8 - Specifications and Tests for Strain Gage Force Transducers
V	S37.10 - Specifications and Tests for Piezoelectric Pressure and South-Pressure Transducers
V	S37.12 - Specifications and Tests for Potentiometric Displacement Transducers
Ι	RP42.1 - Nomenclature for Instrument Tube Fittings
VI	S50.1 - Compatibility of Analog Signals for Electronic Industrial Process Instruments
VI	S50.02 Part II - Fieldbus Standard for Use in Industrial Control Systems, Part 2: Physical Layer Specification and Service Definition
VI	S50.02 Part III - Fieldbus Standard for Use in Industrial Control Systems Part 3: Data Link Service Definition

Volume	Standard
VI	S50.02 Part IV - Fieldbus Standard for Use in Industrial Control Systems, Part 4: Data Link Protocol Specification
I	S51.1 - Process Instrumentation Terminology
11	RP52.1 - Recommended Environments for Standards Laboratories
VI	RP55.1 - Hardware Testing of Digital Process Computers
II	RP60.1 - Control Center Facilities
II	RP60.2 - Control Center Design Guide and Terminology
II	RP60.3 - Human Engineering for Control Centers
II	RP60.4 - Documentation for Control Centers
II	RP60.6 - Nameplates, Labels, and Tags for Control Centers
П	RP60.8 - Electrical Guide for Control Centers
II	RP60.9 - Piping Guide for Control Centers
II	RP60.11 - Crating, Shipping and Handling for Control Centers
VII	S67.01 - Transducers and Transmitter Installation for Nuclear Safety Applications
VII	S67.02.01 - Nuclear Safety-Related Instrument Sensing Line Piping and Tubing Standard for Use in Nuclear Power Plants
VII	S67.03 - Standard for Light Water Reactor Coolant Pressure Boundary Leak Detection
VII	S67.04 - Setpoints for Nuclear Safety-Related Instrumentation; Part I
VII	RP67.04 - Methodologies for the Determination of Setpoints for Nuclear Safety-Related Instrumentation; Part II
VII	TR67.04.08 - Setpoints for Sequenced Actions
VII	TR67.04.14 - Use of the Monte Carlo Uncertainty Combination Method for Setpoint Evaluation
VII	S67.06 - Response Time Testing of Nuclear Safety Related Instrument Channels in Nuclear Power Plants
VII	S67.10 - Sample-Line Piping and Tubing Standard for Use in Nuclear Power Plants
VII	S67.14 - Qualifications and Certification of Instrumentation and Control Technicians in Nuclear Facilities
II	S71.01 - Environmental Conditions for Process Measurement and Control Systems: Temperature and Humidity
II	S71.02 - Environmental Conditions for Process Measurement and Control Systems: Power
II	S71.03 - Environmental Conditions for Process Measurement and Control Systems: Mechanical Influences

Volume	Standard
II	S71.04 - Environmental Conditions for Process Measurement and Control Systems: Airborne Contaminants
VI	S72.01 - PROWAY - LAN Industrial Data highway
VI	S72.02 - Manufacturing Message Specification: Companion Standard for Process Control
V	RP74.01 - Application and Installation of Continuous Belt Weighbridge Scales
	S75.01 - Flow Equations for Sizing Control Valves
III	S75.02 - Control Valve Capacity Test Procedure
	S75.03 - Face-to-Face Dimensions for Integral Flanged Globe-Style Control Valve Bodies
111	S75.04 - Face-to-Face Dimensions for Flangeless Control Valves (ANSI Classes 150, 300 and 600)
111	S75.05 - Control Valve Terminology
Ш	S75.07 - Laboratory Measurement of Aerodynamic Noise Generated by Control Valves
	S75.08 - Installed Face-to-Face Dimensions for Flanged Clamp or Pinch Valves
III'	S75.11 - Inherent Flow Characteristic and Rangeability of Control Valves
	S75.12 - Face-to-Face Dimensions for Socket Weld-End and Screwed-End Globe-Style Control Valves (ANSI Classes 150, 300, 600, 900, 1500, and 2500)
111	S75.13 - Method of Evaluating the Performance of Positioners with Analog Input Signals and Pneumatic Output
III	S75.14 - Face-to-Face Dimensions for Buttweld-End Globe-Style Control Valves (ANSI Class 4500)
Ш	S75.15 - Face-to-Face Dimensions for Buttweld-End Globe-Style Control Valves
	S75.16 - Face-to-Face Dimensions for Flanged Globe-Style Control Valve Bodies (ANSI Classes 900, 1500 and 2500)
	S75.17 - Control Valve Aerodynamic Noise
	S75.19 - Hydrostatic Testing of Control Valves
	S75.20 - Face-to-Face Dimensions for Separable Flanged Glove-Style Control Valves (ANSI Classes 150, 300, and 600)
111	RP75.21 - Process Data Presentation for Control Valves
III	S75.22 - Face-to-Centerline Dimensions for Flanged Globe-Style Angle Control Valve Bodies (ANSI Classes 150, 300, and 600)
111	RP75.23 - Considerations for Evaluating Control Valve Cavitation
VII	S77.20 - Fossil Fuel Power Plant Simulators - Functional Requirements
VII	S77.41 - Fossil Fuel Power Plant Boiler Combustion Controls

Volume	Standard
VII	S77.42 - Fossil Fuel Power Plant Feedwater Control Systems (Drum-Type)
VII	S77.43 - Fossil Fuel Power Plant Unit/Plant Demand Development (Drum-Type)
VII	S77.44 - Fossil Fuel Plant Steam Temperature Control System (Drum-Type)
VII	TR77.60.04 - Fossil Fuel Power Plant Human Machine Interface - CRT Displays
VII	S77.70 - Fossil Fuel Power Plant Instrument Piping Installation
VII	TR77.81.05 - Software Interface for CEMS Relative Accuracy Test Audit Data
IV	S82.01 - Safety Standard for Electrical and Electronic Test, Measuring, Controlling, and Related Equipment - General Requirements
IV	S82.02.02 - Safety Requirements for Electrical Equipment for Measurement Control, and Laboratory Use (Identical to IEC 1010-2-031 - Particular Requirements for Hand-held PROBE ASSEMBLIES for Electrical Measurement and Test)
IV	S82.02.04 - Safety Requirements for Electrical Equipment for Measurement, Control, and Laboratory Use (Identical to IEC 1010-2-032 - Particular Requirements for Hand- held Current Clamps for Electrical Measurement and Test)
IV	S82.03 - Safety Standard for Electrical and Electronic Test, Measuring, Controlling and Related Equipment (Electrical and Electronic Process Measurement and Control Equipment)
IV	S84.01 - Application of Safety Instrumented Systems for the Process Industries
I	S88.01 - Batch Control Part 1: models and Terminology
I	TR88.0.03 - Possible Recipe Procedure Presentation Formats
IV	S91.01 - Identification of Emergency Shutdown Systems and Controls that are Critical to Maintaining Safety in Process Industries
IV	S92.02.01 - Performance Requirements for Carbon Monoxide Detection Instruments (50 - 1000 ppm Full Scale)
IV	RP92.02.02 - Installation, Operation, and Maintenance of Carbon Monoxide Detection Instruments (50 - 1000 ppm Full Scale)
IV	S92.04.01 - Performance Requirements for Instruments Used to Detect Oxygen- Deficient/Oxygen Enriched Atmospheres
IV	RP92.04.02 - Installation, Operation and Maintenance of Instruments Used to Detect Oxygen-Deficient/Oxygen-Enriched Atmospheres
V	MC96.1 - Temperature Measurement Thermocouples