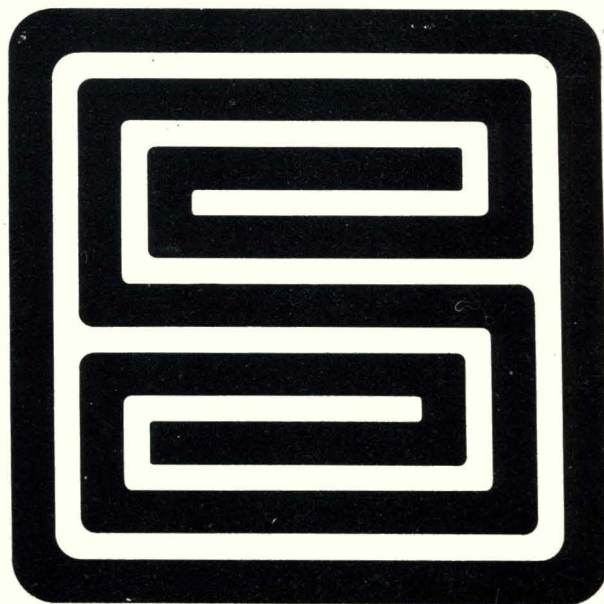


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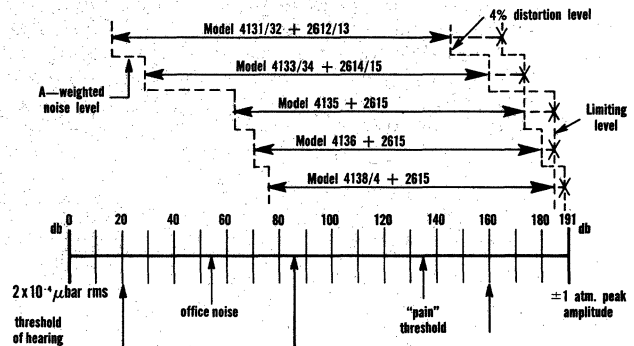
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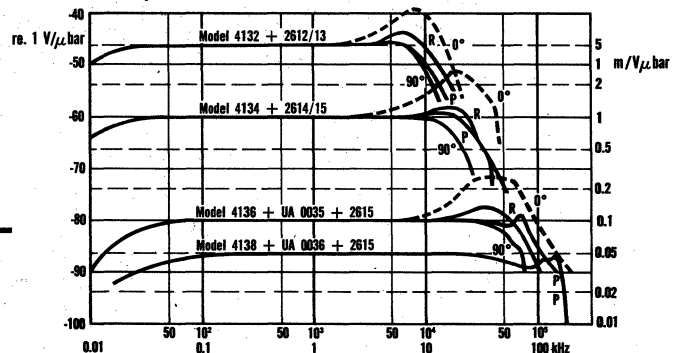
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AAMA	Architectural Aluminum Manufacturers Association	CS	Commercial Standard
AAR	Association of American Railroads	DCDMA	Diamond Core Drill Manufacturers Association
AASHO	American Association of State Highway Officials	EEl	Edison Electric Institute
AATCC	American Association of Textile Chemists and Colorists	EIA	Electronic Industries Association
ACI	American Concrete Institute	FSPT	Federation of Societies for Paint Technology
ADA	American Dental Association	ICC	Interstate Commerce Commission
AGMA	American Gear Manufacturers Association	IEC	International Electrotechnical Commission
AIA	American Institute of Architects	IEEE	Institute of Electrical and Electronics Engineers
<b>AIEE</b>	American Institute of Electrical Engineers; name changed to Institute of Electrical and Electronics Engineers (IEEE)	IES	Illuminating Engineering Society
API	American Petroleum Institute	IP	Institute of Petroleum (London)
ASCE	American Society of Civil Engineers	IPCEA	Insulated Power Cable Engineers Association
ASHRAE	American Society of Heating, Refrigerating and Air-Conditioning Engineers	IRE	Institute of Radio Engineers; name changed to Institute of Electrical and Electronics Engineers (IEEE)
ASME	American Society of Mechanical Engineers	ISO	International Organization for Standardization
ASQC	American Society for Quality Control	ITE	Institute of Traffic Engineers
ASRE	American Society of Refrigerating Engineers; name changed to American Society of Heating, Refrigerating and Air-Conditioning Engineers (ASHRAE)	JAN	Joint Army-Navy Specification
ASTM	American Society for Testing and Materials	MPTA	Mechanical Power Transmission Association
AWS	American Welding Society	NBS	National Bureau of Standards
AWWA	American Water Works Association	NEMA	National Electrical Manufacturers Association
BMIC	U.S. Bureau of Mines Information Circular	NFPA	National Fire Protection Association
BMTF	U.S. Bureau of Mines Technical Paper	NFPA	National Fluid Power Association
CEE	International Commission on Rules for the Approval of Electrical Equipment	NMFC	National Motor Freight Classification
CEMA	Conveyor Equipment Manufacturers Association	RETMA	Radio-Electronics-Television Manufacturers Association; name changed to Electronic Industries Association (EIA)
CFC	Consolidated Freight Classification	SAE	Society of Automotive Engineers
CGA	Compressed Gas Association	SPR	Simplified Practice Recommendation
CISPR	International Special Committee on Radio Interference	TAPPI	Technical Association of the Pulp and Paper Industry
		UFC	Uniform Freight Classification
		UL	Underwriters' Laboratories

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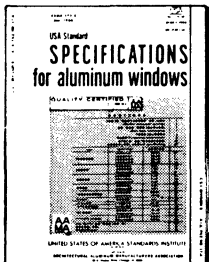
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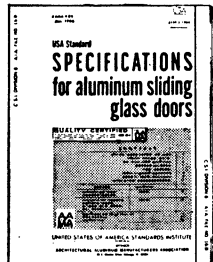
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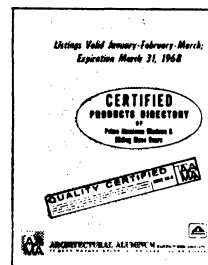
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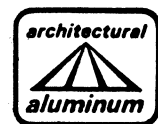
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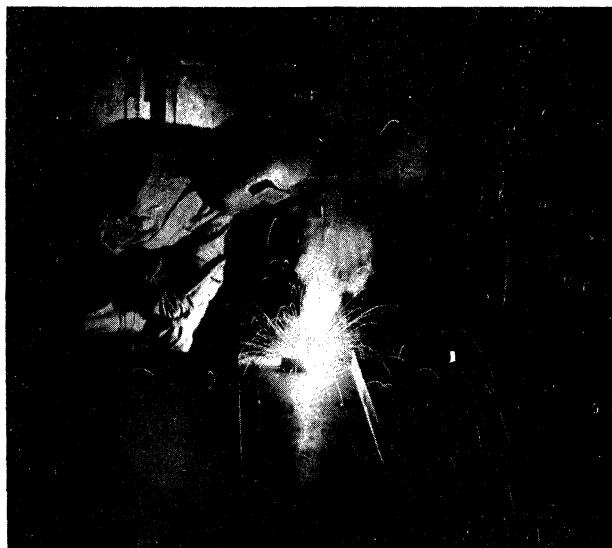
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NCPWB Procedure Number	PROCEDURE SPECIFICATIONS	Base Metals	NCPWB Procedure Number	PROCEDURE SPECIFICATIONS	Base Metals
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**C29.1-1961** †Electrical Power Insulators, Test Methods for (*IEC 274*)..... 3.25

**C29.2-1962** †Wet-Process Porcelain Insulators (Suspension Type), including supplement C29.2a-1965..... 3.25

**C29.2a-1965** †Supplement to C29.2-1962, sold separately..... 1.25

**C29.3-1961** †Wet-Process Porcelain Insulators (Spool Type)..... 2.25

**C29.4-1961** †Wet-Process Porcelain Insulators (Strain Type)..... 2.25

**C29.5-1961** †Wet-Process Porcelain Insulators (Low- and Medium-Voltage Pin Type)..... 2.75

**C29.6-1961** †Wet-Process Porcelain Insulators (High-Voltage Pin Type)..... 2.75

**C29.7-1961** †Wet-Process Porcelain Insulators (High-Voltage Line-Post Type), including supplement C29.7a-1966 (*IEC 168*)..... 2.75

**C29.7a-1966** †Supplement to C29.7-1961, sold separately..... 1.00

**C29.8-1961** †Wet-Process Porcelain Insulators (Apparatus, Cap and Pin Type), including supplement C29.8a-1965..... 3.25

**C29.8a-1965** †Supplement to C29.8-1961, sold separately..... 1.00

**C29.9-1961** †Wet-Process Porcelain Insulators, (Apparatus, Post Type), including supplement C29.9a-1965 (*IEC 168*)..... 3.25

**C29.9a-1965** †Supplement to C29.9-1961, sold separately..... 1.00

•C33—Electrical Devices and Materials:

♦**C33.1-1968** Flexible Cord and Fixture Wire, Safety Standard for (UL 62-October 1968)..... 2.00

**C33.2-1956** Transformer-Type Arc-Welding Machines, Safety Standard for (UL 551-October 1952)..... 1.00

**C33.4-1967** Specialty Transformers, Safety Standard for (UL 506-December 1967)..... 1.50

**C33.5-1956** Wire Connectors and Soldering Lugs, Safety Standard for (UL 486-February 1953)..... 1.00

♦**C33.6-1968** Rubber-Insulated Wires and Cables, Safety Standard for (UL 44-May 1968)..... 2.00

**C33.7-1957** Electrically Heated Pads and Bedding, Safety Standard for (UL 130-December 1954)..... 1.00

**C33.8-1967** Grounding and Bonding Equipment, Safety Standard for (UL 467-July 1967)..... 1.00

♦**C33.9-1968** Armored Cable, Safety Standard for (UL 4-September 1968)..... 1.00

**C33.10-1961** Fuseholders, Safety Standard for (UL 512-May 1961)..... 1.00

♦**C33.13-1968** Electric Home-Laundry Equipment, Safety Standard for (UL 560-June 1968)..... 1.50

**C33.14-1965** Room Air Conditioners, Safety Standard for (UL 484 December-1961)..... 1.00

**C33.15-1965** Flexible Nonmetallic Tubing, Safety Standard for (UL 3 November-1965)..... 1.00

**C33.16-1966** Electrically Illuminated Scales, Safety Standard for (UL 466 November-1966)..... 1.00

**C33.17-1965** Edison-Base Lampholders, Safety Standard for (UL 496 November-1965)..... 1.25

♦**C33.18-1968** Cord Reels, Safety Standard for (UL 355-October 1968)..... 1.00

**C33.19-1965** Electrically Illuminated Frames, Safety Standard for (UL 368 November-1965)..... 1.00

**C33.20-1965** Rosettes, Safety Standard for (UL 351 November-1965)..... 1.00

**C33.21-1965** Porcelain Cleats, Knobs, and Tubes, Safety Standard for (US 511 November-1965)..... 1.00

**C33.22-1965** Protectors for Communication Circuits, Safety Standard for (UL 497 November-1965)..... 1.00

**C33.23-1966** Gas-Tube-Sign and Ignition Cable, Safety Standard for (UL 814 January-1966)..... 1.00

**C33.24-1966** Electrode Receptacles for Gas-Tube Signs, Safety Standard for (UL 879 January-1966)..... 1.00

**C33.25-1966** Christmas-Tree and Decorative-Lighting Outfits, Safety Standard for (UL 588 January-1966)..... 1.00

**C33.26-1966** Thermal Protectors for Motors, Safety Standard for (UL 547 January-1966)..... 1.00



•**C33—Electrical Devices and Materials: (Continued)**

<b>C33.27-1966 (2nd ed)</b> Outlet Boxes and Fittings for Use in Hazardous Locations, Class I, Groups A, B, C, and D, and Class II, Groups E, F, and G (UL 886 November-1966) . . . . .	1.00
<b>C33.28-1966</b> Electric Lighting Fixtures for Use in Hazardous Locations, Safety Standard for (UL 844 January-1966) . . . . .	1.00
<b>C33.29-1966</b> Snap Switches for Use in Hazardous Locations, Safety Standard for (UL 894 January-1966) . . . . .	1.00
<b>C33.30-1966</b> Industrial Control Equipment for Use in Hazardous Locations, Safety Standard for (UL 698 January-1966) . . . . .	1.00
<b>C33.31-1966</b> Knife Switches, Safety Standard for (UL 363 February-1966) . . . . .	1.00
<b>C33.32-1966</b> Lampholders, Starters, and Starter Holders for Fluorescent Lamps, Safety Standard for (UL 542 March-1966) . . . . .	1.00
<b>C33.33-1966 (2nd ed)</b> Beauty Parlor Equipment, Safety Standard for (UL 859 November-1966) . . . . .	1.00
<b>C33.34-1966</b> Busways and Associated Fittings, Safety Standard for (UL 857 November-1966) . . . . .	1.00
<b>C33.35-1966</b> Electric Signs, Safety Standard for (UL 48 November-1966) . . . . .	1.00
<b>C33.36-1967</b> Motor-Operated Appliances, Safety Requirements for (UL 73 February-1967) . . . . .	1.50
<b>C33.37-1967</b> Fiber Conduit, Safety Requirements for (UL 543 May-1967) . . . . .	1.00
<b>C33.38-1967</b> Panelboards, Safety Requirements for (UL 67 July-1967) . . . . .	1.00
<b>C33.39-1967</b> Antenna Discharge Units, Safety Requirements for (UL 452 July-1967) . . . . .	1.00
<b>C33.40-1967</b> Snap Switches, Safety Standard for (UL 20 December-1967) . . . . .	1.00
♦ <b>C33.41-1968</b> Electrically Actuated Transmitters, Safety Standard for (UL 632-January 1968) . . . . .	1.00
♦ <b>C33.42-1968</b> Fuses, Safety Standard for (UL 198-April 1968) . . . . .	1.00
♦ <b>C33.43-1968</b> Audible Signal Appliances, Safety Standard for (UL 464-May 1968) . . . . .	1.00
♦ <b>C33.44-1968</b> Electric Oil Heaters, Safety Standard for (UL 574-May 1968) . . . . .	1.00
♦ <b>C33.45-1968</b> Wireways, Auxiliary Gutters and Associated Fittings, Safety Standard for (UL 870-July 1968) . . . . .	1.00
♦ <b>C33.46-1968</b> Printed-Wiring Boards, Safety Standard for (UL 796-July 1968) . . . . .	1.00
♦ <b>C33.47-1968</b> Household Electric Clocks, Safety Standard for (UL 826-October 1968) . . . . .	1.00
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<b>C34.1-1958</b> Pool Cathode Mercury-Arc Power Converters, Practices and Requirements for ( <i>IEC 84</i> ) . . . . .	3.00
♦ <b>C34.2-1968</b> † Semiconductor Power Rectifiers, Practices and Requirements for . . . . .	5.50
<b>C35.1-1962</b> Rotating Electrical Machinery Forming a Part of the Power Equipment on Electrically Propelled Railway Cars, Railway Locomotives and Coaches, (Trolley and Prime Mover) (AIEE/IEEE 11-1962) . . . . .	3.00
<b>•C37—Power Switchgear:</b>	
20% discount will be allowed on the purchase of complete C37 series. Two 3-Post Binders available at \$7.50 extra. (Complete C37 Series on Microfiche, \$63.60)	
<b>C37.03-1964</b> † Definitions for AC High-Voltage Circuit Breakers, (Supplement to and Partial Revision of C37.4-1953) . . . . .	2.25
<b>C37.04-1964</b> † Rating Structure for AC High-Voltage Circuit Breakers, (Supplement to and Partial Revision of C37.4-1953), with addenda C37.04a-1964 (Corrected 1969) . . . . .	3.25
<b>C37.04a-1964</b> † Addenda to C37.04-1964, sold separately . . . . .	1.00
<b>C37.05-1964</b> † Methods for Determining the Values of a Sinusoidal Current Wave and Normal-Frequency Recovery Voltage for AC High-Voltage Circuit Breakers, (Supplement to and Partial Revision of C37.5-1953) (Corrected 1969) . . . . .	2.25
<b>C37.06-1966</b> † Schedules of Preferred Ratings and Related Required Capabilities for AC High-Voltage Circuit Breakers, including Supplement C37.06a-1968 . . . . .	4.00

♦ <b>C37.06a-1968</b> † Supplement to C37.06-1966, sold separately . . . . .	1.00
<b>C37.07-1964</b> † Interrupting Capability Factors for Reclosing Service for AC High-Voltage Circuit Breakers, (Supplement to and Partial Revision of C37.7-1960) . . . . .	1.25
<b>C37.09-1964</b> † Test Procedure for AC High-Voltage Circuit Breakers, (Supplement to and Partial Revision of C37.9-1953), with addenda C37.09a-1964 . . . . .	4.00
<b>C37.09a-1964</b> † Addenda to C37.09-1964, sold separately . . . . .	1.00
<b>C37.010-1964</b> † Application Guide for AC High-Voltage Circuit Breakers, (Supplement to and Partial Revision of C37.5-1953) (Corrected 1969) . . . . .	4.50
<b>C37.1-1962 (R1967)</b> † Relays and Relay Systems Associated with Electric Power Apparatus ( <i>IEC 255-1</i> ) . . . . .	4.00
<b>C37.2-1962</b> † Manual and Automatic Station Control, Supervisory, and Associated Telemetering Equipments . . . . .	4.00
<b>C37.4-1953 (R1966)</b> † Alternating-Current Power Circuit Breakers, including Supplement C37.4a-1958 ( <i>IEC 56</i> ) . . . . .	2.75
<b>C37.4a-1958 (R1966)</b> † Power Circuit Breaker Bushings, and Dimensions of Power Circuit Breaker Bushings, Their Mountings and Bushing Current Transformers, Electrical Characteristics of, Supplement to C37.4-1953, sold separately ( <i>IEC 56</i> ) . . . . .	1.00
<b>C37.5-1953 (R1966)</b> † Rms Value of a Sinusoidal Current Wave and a Normal-Frequency Recovery Voltage and for Simplified Calculation of Fault Currents, Methods for Determining the ( <i>IEC 56</i> ) . . . . .	2.25
<b>C37.6-1966</b> † Preferred Ratings for Power Circuit Breakers, Schedules of ( <i>IEC 56</i> ) including supplement C37.6a-1968 . . . . .	3.00
♦ <b>C37.6a-1968</b> † Supplement to C37.6-1966, sold separately . . . . .	1.00
<b>C37.7-1960 (R1966)</b> † Interrupting Rating Factors for Reclosing Service Power Circuit Breakers ( <i>IEC 56</i> ) . . . . .	1.25
<b>C37.8-1952 (R1966)</b> † Rated Control Voltages and Their Ranges for Power Circuit Breakers ( <i>IEC 56</i> ) . . . . .	1.00
<b>C37.9-1953 (R1966)</b> † Test Code for Power Circuit Breakers ( <i>IEC 56</i> ) . . . . .	2.75
<b>C37.11-1957 (R1966)</b> † Power Circuit Breaker Control, Requirements for ( <i>IEC 56</i> ) . . . . .	2.75
<b>C37.12-1952</b> † Guide Specifications for Alternating-Current Power Circuit Breakers ( <i>IEC 56</i> ) . . . . .	2.25
<b>C37.13-1963</b> † Low Voltage AC Power Circuit Breakers (Revision and consolidation of C37.13-1954 and C37.14-1954) ( <i>IEC 157-1</i> ) . . . . .	3.25
<b>C37.15-1954 (R1967)</b> † Rated Control Voltages and Their Ranges for Low-Voltage Air Circuit Breakers ( <i>IEC 157-1</i> ) . . . . .	1.00
<b>C37.16-1963</b> † Low Voltage Power Circuit Breakers, Preferred Ratings and Related Requirements for ( <i>IEC 157-1</i> ) . . . . .	2.00
♦ <b>C37.16a-1968</b> † Supplement to C37.16-1963, sold separately . . . . .	1.00
<b>C37.17-1962</b> † Tripping Devices (Opening Releases) for Alternating- and Direct-Current Low Voltage Power Circuit Breakers ( <i>IEC 157-1</i> ) . . . . .	1.00
♦ <b>C37.18-1968</b> † Field Discharge Circuit Breakers, Requirements for . . . . .	4.00
<b>C37.19-1963</b> † Low Voltage AC Power Circuit Breakers and Switchgear Assemblies (Excluding Molded-Case Breakers), Safety Requirements for . . . . .	3.25
<b>C37.20-1965</b> † Switchgear Assemblies Including Metal-Enclosed Bus (IEEE 27-1965) . . . . .	3.25
<b>C37.22-1959</b> † Automatic Circuit Reclosers and Automatic Line Sectionalizers for Alternating-Current Systems, Requirements for (Partially revised by C37.60-1968) . . . . .	3.25
<b>C37.30-1962</b> † High Voltage Air Switches, Insulators and Bus Supports, Definitions and Requirements for ( <i>IEC 265</i> ) . . . . .	2.75
<b>C37.31-1962</b> † Indoor Apparatus Insulators, Electrical and Mechanical Characteristics of ( <i>IEC 265</i> ) . . . . .	1.25
<b>C37.32-1965</b> † Preferred Ratings, Manufacturing Specifications, and Application Guide for High Voltage Air Switches, Bus Supports, and Switch Accessories, Schedules of ( <i>IEC 265</i> ) . . . . .	3.25
<b>C37.33-1962</b> † Rated Control Voltages and Their Ranges for High Voltage Air Switches ( <i>IEC 265</i> ) . . . . .	1.00
<b>C37.34-1962</b> † High Voltage Air Switches, Test Code for ( <i>IEC 265</i> ) . . . . .	2.25

•C37—Power Switchgear: (Continued)

C37.35-1962 † High Voltage Disconnecting Switches, Guide for the Operation and Maintenance of ( <i>IEC 265</i> )	1.00
C37.40-1962 † Distribution Cutouts and Fuse Links, Secondary Fuses, Distribution Enclosed Single-Pole Air Switches, Power Fuses, Fuse Disconnecting Switches, and Accessories, Service Conditions and Definitions for	2.75
C37.41-1962 † Distribution Cutouts and Fuse Links, Secondary Fuses, Distribution Enclosed Single-Pole Air Switches, Power Fuses, Fuse Disconnecting Switches, and Accessories, Design Tests for	3.25
C37.42-1962 † Distribution Enclosed, Open and Open-Link Cutouts, Specifications for	3.25
C37.43-1962 † Distribution Fuse Links for Use in Distribution Enclosed, Open and Open-Link Cutouts, Specifications for	2.25
C37.44-1962 † Distribution Oil Cutouts and Fuse Links, Specifications for	2.25
C37.45-1962 † Distribution Enclosed Single-Pole Air Switches, Specifications for	2.25
C37.46-1962 † Power Fuses and Fuse Disconnecting Switches, Specifications for	2.25
C37.47-1962 † Distribution Cutouts and Fuse Links, Secondary Fuses, Distribution Enclosed Single-Pole Air Switches, Power Fuses, Fuse Disconnecting Switches, and Accessories, Guide for Application, Operating and Maintenance of	1.75
†C37.60-1968 Automatic Circuit Reclosers and Automatic Line Sectionalizers for A-C Systems, Requirements for (Partial revision of C37.22-1959)	3.25
C37.100-1966 † Power Switchgear, Definitions for ( <i>IEC 50.15 and 50.16</i> ) ( <i>IEC 277</i> ) (Partial revision and redesignation of C42.20-1957)	6.50

•C39—Electrical Measuring Instruments:

(Complete C39 Series on Microfiche, \$15.00)

C39.1-1964 † Electrical Indicating Instruments, Requirements for (NEMA II 1-1964)	6.00
C39.2-1964 † Direct-Acting Electrical Recording Instruments (Switchboard and Portable Types)	3.25
C39.3-1948 (R1968) † Lightweight Shock-Testing Mechanism for Electrical Indicating Instruments, Specifications for	2.75
C39.4-1966 † Automatic Null-Balancing Electrical Measuring Instruments, Specifications for	4.00
C39.5-1964 † Electrical Measuring and Controlling Instrumentation, Safety Requirements for	2.25

•C42—Definitions of Electrical Terms:

C42.10-1957 Rotating Machinery (Group 10)	3.00
C42.15-1958 Transformers, Regulators, Reactors, and Rectifiers (Group 15)	3.00
C42.20-1956 Revised and Redesignated as C37.100-1966 and C62.1-1967	
C42.25-1956 Control Equipment (Group 25)	3.00
C42.30-1957 Instruments, Meters and Meter Testing (Group 30)	3.00
C42.35-1957 Transmission and Distribution (Group 35)	3.00
C42.40-1956 Transportation (Group 40)	3.00
C42.41-1956 Transportation — Air (Group 41)	3.00
C42.42-1956 Transportation — Land (Group 42)	
C42.43-1956 Transportation — Marine (Group 43)	
C42.45-1959 Electromechanical Devices (Group 45)	3.00
C42.55-1956 Illuminating Engineering (Group 55)	3.00
C42.60-1956 Electrochemistry and Electrometallurgy (Group 60)	3.00
C42.65-1957 Communications (Group 65)	6.00
C42.70-1956 Electron Devices (Group 70)	3.00
C42.80-1957 Electrobiological, Including Electrotherapeutics (Group 80) ( <i>IEC 50 (70)</i> )	3.00
C42.85-1956 Mining (Group 85)	3.00
C42.95-1957 Miscellaneous (Group 95)	3.00
C48.1-1965 Electric Control Apparatus for Land Transportation Vehicles (AIEE/IEEE 16-1955)	3.00

•C50—Rotating Electrical Machinery:

20% discount will be allowed on the purchase of complete C50 series. (Complete C50 Series on Microfiche, \$18.00)	
C50.1-1965 Revised and Redesignated as C50.10, 11, 12, 13-1965	
C50.2-1955 † Alternating-Current Induction Motors, Induction Machines in General, and Universal Motors ( <i>IEC 34-1</i> )	4.00
C50.4-1965 † Direct-Current Generators, Direct-Current Motors, and Direct-Current Commutating Machines in General ( <i>IEC 34-1</i> )	4.00
C50.5-1955 † Rotating Exciters for Synchronous Machines ( <i>IEC 34-1</i> )	2.75
C50.8-1955 † Dimensions for Motors and Generators ( <i>IEC 34-1, 72-1, 72-2 and ISO R496</i> )	3.25
C50.10-1965 † Synchronous Machines, General Requirements for (Partial Revision of C50.1-1955) ( <i>IEC 34-1</i> )	2.75
C50.11-1965 † Synchronous Motors, Requirements for (Partial Revision of C50.1-1955) ( <i>IEC 34-1</i> )	2.75
C50.12-1965 † Salient Pole Synchronous Generators and Condensers, Requirements for (Partial Revision of C50.1-1955) ( <i>IEC 34-1</i> )	2.75
C50.13-1965 † Cylindrical Rotor Synchronous Generators, Requirements for (Partial Revision of C50.1-1955) ( <i>IEC 34-1</i> )	2.75
C50.20-1954 † Polyphase Induction Motors and Generators, Test Code for (AIEE 500-1954; IEEE 112-1954) ( <i>IEC 34-1</i> )	3.25
†C55.1-1968 † Shunt Power Capacitors (IEEE 18-1968)	4.00

•C57—Transformers, Regulators, and Reactors:

20% discount will be allowed on the purchase of complete C57 series. (Complete C57 Series on Microfiche, \$53.60)	
†C57.12.00-1968 † Distribution, Power, and Regulating Transformers and Shunt Reactors, General Requirements for ( <i>IEC 76</i> )	4.50
C57.12.10-1965 † Transformers, 67,000 Volts and Below, 501 Through 5,000 kva, Single Phase, 501 Through 10,000 kva, Three Phase ( <i>IEC 76</i> )	3.25
C57.12.20-1964 † Overhead-Type Distribution Transformers, 67,000 Volts and Below, 500 kva and Smaller, including supplement C57.12.20a-1966 ( <i>IEC 76</i> )	5.00
C57.12.20a-1966 † Supplement to C57.12.20-1964, sold separately	1.00
C57.12.30-1965 † Three-Phase Load-Tap-Changing Transformers, 67,000 Volts and Below, 1,000 kva through 10,000 kva ( <i>IEC 76</i> )	3.25
C57.12.40-1967 † Secondary Network Transformers, Subway and Vault Types (Liquid Immersed)	4.00
C57.12.70-1964 † Terminal Markings and Connections for Distribution and Power Transformers	2.75
C57.12.75-1964 † Removable Air-Filled Junction Boxes for Cable Termination for Power Transformers	2.25
C57.12.76-1964 † Integral Air-Filled Junction Boxes for Cable Termination for Power Transformers	1.75
C57.12.80-1958 † Terminology, including supplement C57.12.80a-1961 ( <i>IEC 76</i> )	3.00
C57.12.80a-1961 † Supplement to C57.12.80-1958, sold separately	1.00
†C57.12.90-1968 † Distribution, Power, and Regulating Transformers, and Shunt Reactors, Test Code for (IEEE 262-1968) ( <i>IEC 76</i> )	4.50
†C57.13-1968 † Instrument Transformers, Requirements, Terminology, and Test Code for	6.00
C57.14-1964 † Constant-Current Transformers of the Moving-Coil Type, Requirements, Terminology, and Test Code for	4.00
†C57.15-1968 † Step-Voltage and Induction-Voltage Regulators, Requirements, Terminology, and Test Code for (see Appendix C57.95)	6.00
C57.16-1958 † Current-Limiting Reactors, Requirements, Terminology, and Test Code for (see Appendix C57.99)	4.00

•C57—Transformers, Regulators, and Reactors: (Continued)

C57.17-1965 †Arc Furnace Transformers, Requirements for	3.25
C57.18-1964 †Pool-Cathode Mercury-Arc Rectifier Transformers, Requirements, Terminology, and Test Code for (Revision and Consolidation of C57.18-1948 and C57.28-1948)	6.00

Appendixes to C57 Standards:

(Not approved as USA Standards)

C57.92 (1962 ed) †Guide for Loading Oil-Immersed Distribution and Power Transformers, Appendix to C57.12 standards (published June, 1962)	4.50
C57.93 †Guide for the Installation and Maintenance of Oil-Immersed Transformers (NEMA TR5-1956). Appendix to C57.12 standards (published May, 1958)	2.75
C57.94 †Guide for Installation and Maintenance of Dry-Type Transformers. Appendix to C57.12 standards (published May, 1958)	2.25
C57.95 †Guide for Loading Oil-Immersed Step-Voltage and Induction-Voltage Regulators. Appendix to C57.15 standards (published November, 1955)	2.25
C57.96 †Guide for Loading Dry-Type Distribution and Power Transformers. Appendix to C57.12 standards (published November, 1959)	3.25
C57.97 †Guide for Preparation of Specifications for Large Power Transformers, With and Without Loading Tap-Changing. Appendix to C57.12 standards (published January, 1964)	2.75
C57.98 Guide for Transformer Impulse Test (IEEE 93-1968)	5.00
C57.99 †Guide for Loading Dry-Type and Oil-Immersed Current-Limiting Reactors. Appendix to C57.16-1958 (published February, 1965)	5.00

•C59—Electrical Insulation Materials:

C59.2-1967 Testing Electrical Insulating Oils, Methods of (ASTM D117-66)	1.00
C59.3-1968 D-C Resistance or Conductance of Insulating Materials, Methods of Test for (ASTM D 257-66) (IEC 93 and 167)	1.00
♦C59.6-1968 Rubber Insulating Tape, Specifications for (ASTM D119-67)	1.00
C59.11-1955 (R1962) Impact Resistance of Plastics and Electrical Insulating Materials, Methods of Test for (ASTM D256-56)	1.00
♦C59.13-1968 Testing Rigid Sheet and Plate Materials Used for Electrical Insulation, Method of (ASTM D229-67T)	1.00
C59.14-1958 (R1967) Testing Laminated Tubes Used for Electrical Insulation, Methods of (ASTM D348-56)	1.00
C59.15-1958 (R1967) Testing Laminated Round Rods Used for Electrical Insulation, Methods of (ASTM D349-56)	1.00
C59.16-1956 Laminated Thermosetting Materials, Specifications for (ASTM D709-55T; NEMA LPI-1955)	1.00
C59.18-1954 (R1968) Testing Shellac Used for Electrical Insulation, Methods of (ASTM D411-52)	1.00
♦C59.19-1968 Dielectric Breakdown Voltage of Insulating Liquids Using Disk Electrodes, Method of Test for (ASTM D877-67)	1.00
C59.21-1967 Sampling Electrical Insulating Liquids, Methods of (ASTM D 923-65)	1.00
C59.22-1967 Power Factor and Dielectric Constant of Electrical Insulating Liquids, Method of Test for (ASTM D924-65)	1.00
C59.23-1966 Gas Content of Insulating Oils, Method of Test for (ASTM D831-63)	1.00
C59.24-1966 Inorganic Chlorides and Sulfates in Insulating Oils, Method of Test for (ASTM D878-65)	1.00
C59.26-1958 (R1967) Natural Block Mica and Mica Films Suitable for Use in Fixed Mica-Dielectric Capacitors, Specification for (ASTM D748-59)	1.00
C59.27-1961 (R1967) Natural Muscovite Mica Based on Visual Quality, Specifications for (ASTM D351-62) (ISO R67)	1.00
C59.28-1965 Conditioning Plastics and Electrical Insulating Materials for Testing, Methods of (ASTM D618-61)	1.00

C59.29-1963 Vulcanized Fiber Sheets, Rods, and Tubes Used for Electrical Insulation, Specifications for (ASTM D710-63)	1.00
C59.30-1958 (R1967) Testing Varnishes Used for Electrical Insulation, Methods of (ASTM D115-55)	1.00
C59.31-1967 Testing Varnished Cotton Fabrics and Varnished Cotton Fabric Tapes Used for Electrical Insulation, Methods of (ASTM D295-65)	1.00
C59.33-1958 (R1968) Measuring Dimensions of Rigid Tubes Used for Electrical Insulation, Methods of (ASTM D668-52)	1.00
C59.34-1958 (R1968) Measuring Dimensions of Rigid Rods Used for Electrical Insulation, Methods of (ASTM D741-52)	1.00
C59.35-1965 Testing Flexible Resin-Coated Glass Fabrics and Glass Fabric Tapes Used for Electrical Insulation, Method of (ASTM D902-61)	1.00
C59.36-1965 Testing Silicone Insulating Varnishes, Methods of (ASTM D1346-64)	1.00
♦C59.37-1968 Ozone Resistant Rubber Insulating Tape, Specifications for (ASTM D1373-67)	1.00
C59.38-1958 (R1967) Silicone Varnished Glass Cloth and Tape for Electrical Insulation, Specification for (ASTM D1459-59)	1.00
C59.39-1959 Woven Cotton Tapes for Electrical Purposes, Specifications for (ASTM D335-51)	1.00
C59.40-1967 Polyethylene Molding and Extrusion Materials, Specifications for (ASTM D1248-65T)	1.00
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•C59—Electrical Insulation Materials: (Continued)

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C60.1-1964 †Electron Tubes, Bases, Caps and Terminals (Including Gauges), Dimensional Characteristics of (EIA RS-209-A-1963) (Revision and Consolidation of C60.1-1956, C60.2-1956, and C60.7-1956).....	15.00
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C60.8-1963 †Interelement Capacitance for Electron Tubes, Rating Values of (EIA RS-263-1962).....	1.25

C60.9-1964 †Terms for Electron Tubes, Definitions of (62 IRE 7.S2) (IEC 67 and IEC 151-7).....	3.50
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C70.1-1953 Household Automatic Electric Flatirons, Standard for (NEMA DA1-1954).....	1.00
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•C73—Dimensions of Caps, Plugs and Receptacles:

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C73.11-1966 †125 Volts, 15 Amperes, 2 Pole, 3 Wire, Grounding Type, General Purpose (IEC 83)
C73.12-1966 †125 Volts, 20 Amperes, 2 Pole, 3 Wire, Grounding Type, General Purpose
C73.13-1966 †125 Volts, 30 Amperes, 2 Pole, 3 Wire, Grounding Type (For Travel Trailer Use Only), Specific Purpose
C73.15-1966 †120/208 Volts, 15 Amperes, 3 Phase WYE, 4 Pole, 4 Wire, General Purpose (Agrees with IEC 83)
C73.16-1966 †125/250 Volts, 30 Amperes, 3 Pole, 4 Wire Grounding Type, General Purpose
C73.17-1966 †125/250 Volts, 50 Amperes, 3 Pole, 4 Wire Grounding Type, General Purpose
C73.18-1966 †125/250 Volts, 60 Amperes, 3 Pole, 4 Wire, Grounding Type, General Purpose
C73.19-1966 †250 Volts, 15 Amperes, 2 Pole, 2 Wire, General Purpose
C73.20-1966 †250 Volts, 15 Amperes, 2 Pole, 3 Wire Grounding Type, General Purpose
C73.21-1966 †250 Volts, 20 Amperes, 2 Pole, 2 Wire, General Purpose (Agrees with IEC 83)
C73.22-1966 †250 Volts, 30 Amperes, 2 Pole, 2 Wire, General Purpose
C73.23-1966 †125/250 Volts, 20 Amperes 3 Pole, 3 Wire, General Purpose (Agrees with IEC 83)
C73.24-1966 †125/250 Volts, 30 Amperes, 3 Pole, 3 Wire, General Purpose
C73.25-1966 †125/250 Volts, 50 Amperes, 3 Pole, 3 Wire, General Purpose (IEC 83)
C73.26-1966 †120/208 Volts, 20 Amperes, 3 Phase WYE, 4 Pole, 4 Wire, General Purpose (Agrees with IEC 83)
C73.27-1966 †120/208 Volts, 60 Amperes, 3 Phase WYE, 4 Pole, 4 Wire, General Purpose (Agrees with IEC 83)
C73.28-1966 †277 Volts AC, 15 Amperes, 2 Pole, 3 Wire, Grounding Type, General Purpose

•C73—Dimensions of Caps, Plugs and Receptacles: (Continued)

**C73.29-1963** †125 Volts, 15 Amperes, 250 Volts, 10 Amperes, 2 Pole, 2 Wire, (Midget Locking Type), Specific Purpose

**C73.30-1963** †125 Volts, 15 Amperes, 250 Volts, 10 Amperes, 3 Pole, 3 Wire, (Midget Locking Type), Specific Purpose

**C73.31-1963** †125 Volts, 15 Amperes, 250 Volts, 10 Amperes, 2 Pole, 2 Wire, (Locking Type), Specific Purpose

**C73.32-1963** †250 Volts, 20 Amperes, 2 Pole, 2 Wire, (Locking Type), Specific Purpose

**C73.33-1963** †125 Volts, 15 Amperes, 250 Volts, 10 Amperes, 3 Pole, 3 Wire, (Locking Type), Specific Purpose

**C73.34-1963** †250 Volts, 20 Amperes, 600 Volts, 10 Amperes, (AC Only), 3 Pole, 3 Wire, (Locking Type), Specific Purpose

**C73.35-1963** †250 Volts, 30 Amperes, 3 Pole, 3 Wire, (Locking Type), Specific Purpose

**C73.36-1963** †250 Volts, 20 Amperes, 600 Volts, 10 Amperes, (AC Only), 4 Pole, 4 Wire, (Locking Type), Specific Purpose

**C73.37-1963** †250 Volts, 30 Amperes, 600 Volts, 30 Amperes, (AC Only), 4 Pole, 4 Wire, (Locking Type), Specific Purpose

**C73.38-1963** † Receptacles—Interchangeable Type—Single, Duplex, and Triplex, (Locking Type), Mounting Dimensions and Face Dimensions of

**C73.39-1963** † Receptacles—Non-Interchangeable Type—Single and Duplex, (Locking Type), Mounting Dimensions of

**C73.40-1963** † Table Appliance Plugs and Receptacles, 125 Volts, 10 Amperes, 250 Volts, 5 Amperes, Specific Purpose

**C73.41-1963** † Flatiron Plugs and Receptacles, 125 Volts, 10 Amperes, 250 Volts, 5 Amperes, Specific Purpose

**C73.42-1963** †125 Volts, 15 Amperes, 2 Pole, 3 Wire, Grounding Type, (Locking Type), Specific Purpose

**C73.43-1963** †277 Volts, 15 Amperes (AC Only), 2 Pole, 3 Wire, Grounding Type, (Locking Type), Specific Purpose

**C73.44-1963** †125 Volts, 15 Amperes, 2 Pole, 3 Wire, Grounding Type, (Midget Locking Type), Specific Purpose

**C73.45-1966** †125 Volts, 30 Amperes, 2 Pole, 3 Wire, Grounding Type, General Purpose

**C73.46-1966** †125 Volts, 50 Amperes, 2 Pole, 3 Wire, Grounding Type, General Purpose

**C73.47-1966** †120/208 Volts, 30 Amperes, 3 Phase WYE, 4 Pole, 4 Wire, General Purpose

**C73.48-1966** †120/208 Volts, 50 Amperes, 3 Phase WYE, 4 Pole, 4 Wire, General Purpose

**C73.49-1966** †125/250 Volts, 15 Amperes, 3 Pole, 4 Wire, Grounding Type, General Purpose

**C73.50-1966** †125/250 Volts, 20 Amperes, 3 Pole, 4 Wire, Grounding Type, General Purpose

**C73.51-1966** †250 Volts, 20 Amperes, 2 Pole, 3 Wire, Grounding Type, General Purpose

**C73.52-1966** †250 Volts, 30 Amperes, 2 Pole, 3 Wire, Grounding Type, General Purpose

**C73.53-1966** †250 Volts, 50 Amperes, 2 Pole, 3 Wire, Grounding Type, General Purpose

**C73.54-1966** †250 Volts, 15 Amperes, 3 Phase, 3 Pole, 3 Wire, General Purpose

**C73.55-1966** †250 Volts, 20 Amperes, 3 Phase, 3 Pole, 3 Wire, General Purpose

**C73.56-1966** †250 Volts, 30 Amperes, 3 Phase, 3 Pole, 3 Wire, General Purpose

**C73.57-1966** †250 Volts, 50 Amperes, 3 Phase, 3 Pole, 3 Wire, General Purpose

**C73.58-1966** †250 Volts, 15 Amperes, 3 Phase, 3 Pole, 3 Wire, Grounding Type, General Purpose

**C73.59-1966** †250 Volts, 20 Amperes, 3 Phase, 3 Pole, 4 Wire, Grounding Type, General Purpose

**C73.60-1966** †250 Volts, 30 Amperes, 3 Phase, 3 Pole, 4 Wire, Grounding Type, General Purpose

**C73.61-1966** †250 Volts, 50 Amperes, 3 Phase, 3 Pole, 4 Wire, Grounding Type, General Purpose

**C73.62-1966** †250 Volts, 60 Amperes, 3 Phase, 3 Pole, 4 Wire, Grounding Type, General Purpose

**C73.63-1966** †277 Volts AC, 20 Amperes, 2 Pole, 3 Wire, Grounding Type, General Purpose

**C73.64-1966** †277 Volts AC, 30 Amperes, 2 Pole, 3 Wire, Grounding Type, General Purpose

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**C73.67-1966** †Mounting and Face Dimensions of Receptacles—Off-Center Boss Type 4 Wire, 30, 50, and 60 Amperes, General Purpose

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**C76.1-1964** Outdoor Apparatus Bushings, Requirements and Test Code for (IEEE 21-1964) (IEC 137)..... 3.00

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•C78—Incandescent Lamps: (Continued)

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<b>H33.1-1967</b> Leaded Red Brass (Hardware Bronze) Rod, Bar, and Shapes, Specification for (ASTM B140-66).....	1.00
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<b>H34.2-1959</b> Nickel-Copper Alloy Seamless Pipe and Tubing, Specification for (ASTM B165-61; ASME SB-165-1961).....	1.00
<b>H34.3-1964</b> Nickel-Chromium-Iron Alloy Seamless Pipe and Tube, Specification for [ASTM B167-64; ASME SB 167 (1964)].....	1.00
<b>H34.4-1964</b> Nickel-Chromium-Iron Alloy Rod and Bar, Specification for (ASTM B166-63).....	1.00
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<b>H35.2-1967</b> Aluminum Mill Products, Dimensional Tolerances for.....	2.00
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<b>H37.1-1967</b> (2nd ed) Seamless Copper and Copper-Alloy Rectangular Waveguide Tube, Specification for (ASTM B372-67a).....	1.00
<b>H38.1-1966</b> Aluminum-Alloys in Ingot Form for Sand Castings, Permanent Mold Castings, and Die Castings, Specification for (ASTM B179-66).....	1.00
<b>H38.2-1967</b> Aluminum-Alloy Sheet and Plates, Specification for (ASTM B209-67) ( <i>Agrees with ISO R826</i> ).....	1.00
<b>H38.3-1967</b> Aluminum-Alloy Drawn Seamless Tubes, Specification for (ASTM B210-67).....	1.00
<b>H38.4-1967</b> Aluminum-Alloy Bars, Rods, and Wire, Specification for (ASTM B211-67).....	1.00
<b>H38.5-1967</b> Aluminum-Alloy Extruded Bars, Rods, Shapes, and Tubes, Specification for (ASTM B221-67) ( <i>ISO R827</i> ).....	1.00
<b>H38.6-1967</b> Aluminum-Alloy Drawn Seamless Tubes for Condensers and Heat Exchangers, Specification for (ASTM B234-67).....	1.00
<b>H38.7-1967</b> Aluminum-Alloy Seamless Pipe and Seamless Extruded Tube, Specification for (ASTM B241-67).....	1.00
<b>H38.8-1967</b> Aluminum-Alloy Die and Hand Forgings, Specification for (ASTM B247-67) ( <i>ISO R829</i> ).....	1.00
<b>H38.9-1967</b> Aluminum-Alloy Drawn Seamless Coiled Tubes for Special Purpose Applications, Specification for (ASTM B307-67).....	1.00
<b>H38.10-1967</b> Aluminum-Alloy Standard Structural Shapes, Rolled or Extruded, Specification for (ASTM B308-67).....	1.00
<b>H38.11-1967</b> Aluminum-Alloy Round Welded Tubes, Specification for (ASTM B313-67).....	1.00
<b>H38.12-1967</b> Aluminum-Alloy Rivet and Cold Heading Wire and Rods, Specification for (ASTM B316-67) ( <i>ISO R828</i> ).....	1.00
<b>H38.13-1967</b> Aluminum-Alloy Seamless Pipe for Gas and Oil Transmission and Distribution Piping Systems, Specification for (ASTM B345-67).....	1.00
<b>H38.14-1966</b> Corrosion Testing of Decorative Chromium Plating by the Corrodokote Procedure, Method of (ASTM B380-65).....	1.00

## J—RUBBER

<b>J1.1-1968</b> Sample Preparation for Physical Testing of Rubber Products, Methods of (ASTM D15-66T).....	1.00
<b>J2.1-1967</b> Tension Testing of Vulcanized Rubber, Method of (ASTM D412-66) ( <i>Agrees with ISO R37</i> ).....	1.00
<b>J3.1-1942</b> Adhesion of Vulcanized Rubber (Friction Test), Method of Test for (ASTM D413-39) ( <i>Agrees with ISO R36</i> ).....	1.00
<b>J4.1-1968</b> Accelerated Aging of Vulcanized Rubber by the Oxygen-Pressure Method, Method of Test for (ASTM D572-67) ( <i>ISO R188</i> ).....	1.00
<b>J5.1-1967</b> Accelerated Aging of Vulcanized Rubber by the Oven Method, Method of Test for (ASTM D573-67) ( <i>ISO R188</i> ).....	1.00

## \*J6—Specifications for Rubber Protective Equipment for Electrical Workers:

<b>J6.1-1950 (R1962)</b> Rubber Insulating Line Hose [ASTM D1050-59 (1965)].....	1.00
<b>J6.2-1950 (R1962)</b> Rubber Insulator Hoods [ASTM D1049-59 (1965)].....	
<b>J6.4-1950 (R1962)</b> Rubber Insulating Blankets [ASTM D1048-59 (1965)].....	
<b>J6.5-1962</b> Rubber Insulating Sleeves [ASTM D1051-59 (1965)].....	
<b>J6.6-1967</b> Rubber Insulating Gloves, Specifications for (ASTM D120-68).....	
<b>J6.7-1935 (R1962)</b> Rubber Matting For Use Around Electric Apparatus (Reaffirmation and Redesignation of C59.4-1935) [ASTM D178-24 (1965)].....	

## K — CHEMICAL INDUSTRY

<b>K13.1-1967</b> † Identification of Gas-Mask Canisters.....	2.25
<b>K15.1-1957 (R1967)</b> Chemical Analysis of White Pigments, Methods of (ASTM D34-65).....	1.00
<b>K16.1-1964</b> Chemical Analysis of Dry Red Lead, Methods of (ASTM D49-63).....	1.00
<b>K18.1-1964</b> Laboratory Sampling and Analysis of Coal and Coke, Methods of (ASTM D271-64) ( <i>ISO R157; R158; R159; R586; R589; and R609</i> ).....	1.00
<b>K20.1-1965</b> Cubic Foot Weight of Crushed Bituminous Coal, Method of Test for (ASTM D291-60).....	1.00
<b>K20.2-1936</b> Cubic Foot Weight of Coke, Method of Test for (ASTM D292-29) ( <i>Agrees with ISO R567</i> ).....	1.00
<b>K20.3-1965</b> Tumbler Test for Coke, Method of (ASTM D294-64) ( <i>ISO R556</i> ).....	1.00
<b>K20.4-1964</b> Drop Shatter Test for Coke, Method of (ASTM D141-66) ( <i>ISO R616</i> ).....	1.00
<b>K20.5-1936</b> Volume of Cell Space of Lump Coke, Method of Test for (ASTM D167-24).....	1.00
<b>K21.1-1953</b> Toluene Insoluble Solid Matter in Rosin (Chiefly Sand, Chips, Dirt, and Bark), Method of Test for (ASTM D269-52).....	1.00
<b>K22.1-1944</b> Zinc Oxide, Specifications for (ASTM D79-44; AASHO M124-46) ( <i>ISO R275</i> ).....	1.00
<b>K23.1-1943</b> Basic-Carbonate White Lead, Specifications for (ASTM D81-43; AASHO M122; FSPT As-17-58) ( <i>ISO R511</i> ).....	1.00
<b>K24-1941</b> Red Lead, Specifications for (ASTM D83-41; FSPT As-6-52) ( <i>ISO R510</i> ).....	1.00
<b>K25-1941</b> Mineral Iron Oxide Specifications for (ASTM D84-41).....	1.00
<b>K26.1-1947</b> Lampblack, Specifications for (ASTM D209-47; FSPT As-7-52).....	1.00
<b>K27.1-1947</b> Chrome Yellow and Chrome Orange, Specifications for (ASTM D211-47; FSPT As-8-52).....	1.00
<b>K28.1-1947</b> Reduced Chrome Green, Specifications for (ASTM D213-47).....	1.00
<b>K29.1-1947</b> Iron Blue, Specifications for (ASTM D261-47; AASHO M131-49).....	1.00

<b>K32.1-1967</b> Spirits of Turpentine, Specifications for (ASTM D13-65).....	1.00
<b>K33.1-1967</b> Sampling and Testing Turpentine, Method of (ASTM D233-65).....	1.00
<b>K34.1-1967</b> Raw Linseed Oil, Specifications for (ASTM D234-66T) ( <i>ISO R150</i> ).....	1.00
<b>K35.1-1959</b> Boiled Linseed Oil, Specification for (ASTM D260-61; FSPT Bs-4-58) ( <i>ISO R150</i> ).....	1.00
<b>K36.1-1947</b> Bone Black, Specifications for (ASTM D210-47).....	1.00
<b>K37.1-1946</b> Chrome Oxide Green, Specifications for (ASTM D263-46).....	1.00
<b>K41.1-1953 (R1954)</b> Specific Gravity of Pigments, Methods of Test for (ASTM D153-54; FSPT At-10-54).....	1.00
<b>K42.1-1945</b> Coarse Particles in Pigments, Pastes, and Paints, Methods of Test for (ASTM D185-45).....	1.00
<b>K44.1-1951</b> Yellow, Orange, Red, and Brown Pigments Containing Iron and Manganese, Methods of Chemical Analysis of (ASTM D50-50).....	1.00
<b>K45.1-1967</b> Titanium Dioxide Pigments, Specifications for (ASTM D476-66).....	1.00
<b>K47.1-1945</b> Basic Sulfate White Lead, Specifications for (ASTM D82-44) ( <i>ISO R511</i> ).....	1.00
<b>K48.1941</b> Blue Lead; Basic Sulfate, Specifications for (ASTM D405-41).....	1.00
<b>K49.1-1954</b> Pure Para Red Toner, Light, Specifications for (ASTM D475-49).....	1.00
<b>K50.1-1949</b> Zinc Yellow (Zinc Chromate), Specifications for (ASTM D478-49; FSPT As-11-52).....	1.00
<b>K52-1941</b> Bleeding of Pigments, Methods of Test for (ASTM D279-31).....	1.00
<b>K53-1941</b> Hydrosopic Moisture (and Other Matter Volatile Under the Test Conditions) in Pigments, Method of Test for (ASTM D280-33).....	1.00
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<b>K57.1-1953</b> Mass Color and Tinting Strength of Color Pigments, Method of Test for (ASTM D387-60; FSPT At-2-32).....	1.00
<b>K58.1-1954 (R1967)</b> Chemical Analysis of Yellow, Orange, and Green Pigments Containing Lead Chromate and Chromium Oxide Green, Methods for (ASTM D126-65).....	1.00
<b>K59.1-1958</b> Chemical Analysis of Dry Mercuric Oxide Pigment, Methods for (ASTM D284-63).....	1.00
<b>*K60 — Soaps and Detergents:</b>	
<b>K60.1-1952</b> Chip Soap, Specifications for (ASTM D496-51).....	1.00
<b>K60.2-1953</b> Ordinary Laundry Bar Soap, Specifications for (ASTM D497-52).....	1.00
<b>K60.3-1952</b> Powdered Soap (Nonalkaline Soap Powder), Specifications for (ASTM D498-51).....	1.00
<b>K60.4-1949</b> White Floating Toilet Soap, Specifications for (ASTM D499-48).....	1.00
<b>K60.5-1949</b> Alkaline Soap Powder, Specifications for (ASTM D534-42).....	1.00
<b>K60.6-1956</b> Milled Toilet Soap, Specifications for (ASTM D455-55).....	1.00
<b>K60.7-1949</b> Built Soap, Powdered, Specifications for (ASTM D533-44).....	1.00
<b>K60.8-1949</b> Compound Chip Soap (with Rosin), Specifications for (ASTM D690-48).....	1.00
<b>K60.9-1949</b> Compound Powdered Soap (Granulated, with Rosin), Specifications for (ASTM D691-44).....	1.00
<b>K60.10-1949</b> Caustic Soda, Specifications for (ASTM D456-39).....	1.00
<b>K60.11-1956</b> Soda Ash, Specification for (ASTM D458-57).....	1.00
<b>K60.12-1958</b> Trisodium Phosphate, Specifications for (ASTM D538-60).....	1.00
<b>K60.13-1949</b> Salt-Water Soap, Specifications for (ASTM D593-42).....	1.00
<b>K60.14-1961</b> Liquid Toilet Soap, Specifications for (ASTM D799-62).....	1.00
<b>K60.15-1949</b> Olive Oil Chip Soap (Type A, Straight; Type B, Blended), Specifications for (ASTM D630-42).....	1.00
<b>K60.17-1949</b> Modified Soda (Sesquicarbonate Type), Specifications for (ASTM D457-39).....	1.00
<b>K60.18-1956</b> Sodium Metasilicate, Specification for (ASTM D537-57).....	1.00
<b>K60.19-1949</b> Sodium Sesquisilicate, Specifications for (ASTM D594-41).....	1.00
<b>K60.20-1949</b> Tetrasodium Pyrophosphate (Anhydrous), Specifications for (ASTM D595-45).....	1.00
<b>K60.21-1967</b> Sampling and Chemical Analysis of Alkaline Detergents, Methods of (ASTM D501-67) ( <i>ISO R684 and R685</i> ).....	1.00
<b>K61.1-1966</b> Storage and Handling of Anhydrous Ammonia, Safety Requirements for the (CGA G-2.1-1966).....	1.00
<b>* K62 — Common Names for Pest Control Chemicals:</b> (Complete K62 Series on Microfiche, \$13.00)	
<b>K62.1-1968</b> † Acceptance of a USA Standard Common Name for a Pest Control Chemical, Procedure for the ( <i>ISO R257</i> ).....	2.75
<b>K62.2-1957 (R1967)</b> † monuron; (herbicide).....	1.00
<b>K62.3-1957 (R1967)</b> † diuron; (herbicide).....	1.00
<b>K62.6-1957 (R1967)</b> † erbon; (herbicide).....	1.00
<b>K62.7-1958 (R1964)</b> † fenuron; (herbicide).....	1.00
<b>K62.8-1957 (R1967)</b> † neburon; (herbicide).....	1.00
<b>K62.9-1957 (R1967)</b> † dalapon; (herbicide).....	1.00
<b>K62.10-1957 (R1967)</b> † silvex; (herbicide) ( <i>ISO 411</i> ).....	1.00
<b>K62.11-1957 (R1967)</b> † ovex; (miticide).....	1.00
<b>K62.12-1958 (R1964)</b> † ethion; (acaracide and insecticide).....	1.00
<b>K62.13-1958 (R1964)</b> † diphacinone; (rodenticide).....	1.00
<b>K62.14-1958 (R1964)</b> † dicapthon; (insecticide).....	1.00
<b>K62.15-1958 (R1964)</b> † phosphamidon; (insecticide).....	1.00
<b>K62.16-1958 (R1964)</b> † dimethoate; (insecticide) ( <i>Agrees with ISO 411</i> ).....	1.00
<b>K62.18-1958 (R1964)</b> † ronnel; (pesticide).....	1.00
<b>K62.19-1959 (R1964)</b> † zoalene; (anti-coccide).....	1.00
<b>K62.20-1958 (R1964)</b> † chlorbenside; (miticide) ( <i>ISO R219</i> ).....	1.00
<b>K62.21-1959 (R1964)</b> † dodine; (fungicide).....	1.00
<b>K62.22-1959 (R1964)</b> † phorate; (insecticide).....	1.00
<b>K62.23-1960 (R1967)</b> † barban; (herbicide).....	1.00
<b>K62.24-1961 (R1967)</b> † amitrole; (herbicide).....	1.00
<b>K62.25-1961 (R1967)</b> † folpet; (fungicide).....	1.00
<b>K62.26-1961 (R1967)</b> † atrazine; (herbicide) ( <i>Agrees with ISO 411</i> ).....	1.00
<b>K62.27-1961 (R1967)</b> † chlorazaine; (herbicide).....	1.00
<b>K62.28-1961 (R1967)</b> † simazine; (herbicide).....	1.00
<b>K62.29-1961 (R1967)</b> † trietazine; (herbicide).....	1.00
<b>K62.30-1962 (R1967)</b> † endosulfan; (insecticide).....	1.00
<b>K62.31-1961 (R1967)</b> † tetradifon; (miticide).....	1.00
<b>K62.32-1962 (R1967)</b> † dimethrin; (insecticide).....	1.00
<b>K62.33-1962 (R1967)</b> † carbophenothion; (insecticide).....	1.00
<b>K62.34-1962 (R1967)</b> † linuron; (herbicide).....	1.00
<b>K62.35-1962 (R1967)</b> † naled; (insecticide).....	1.00
<b>K62.36-1962 (R1967)</b> † endothall; (herbicide).....	1.00
<b>K62.37-1962 (R1967)</b> † amiben; (herbicide).....	1.00
<b>K62.38-1962 (R1967)</b> † carbaryl; (insecticide).....	1.00
<b>K62.39-1962 (R1967)</b> † isocil; (herbicide).....	1.00
<b>K62.40-1962 (R1967)</b> † binapacryl; (fungicide).....	1.00
<b>K62.41-1962 (R1967)</b> † endothion; (insecticide).....	1.00
<b>K62.42-1963</b> † diphenamid; (herbicide).....	1.00
<b>K62.43-1963</b> † trifluralin; (herbicide).....	1.00
<b>K62.44-1962 (R1967)</b> † diquat; (herbicide, desiccant, and defoliant).....	1.00

•K62 — Common Names for Pest Control Chemicals: (Continued)

<b>K62.45-1962 (R1967)</b> † paraquat; (herbicide) ( <i>Agrees with ISO 411</i> )	1.00	<b>K65.14-1965</b> Coefficients of Friction of Plastic Film, Method of Test for (ASTM D1894-63)	1.00
<b>K62.46-1963</b> † swep; (herbicide)	1.00	<b>K65.15-1965</b> Absorbed Gamma Radiation Dose in the Fricke Dosimeter, Method of Test for (ASTM D1671-63)	1.00
<b>K62.47-1953</b> † dicryl; (herbicide)	1.00	<b>K65.16-1965</b> Water Absorption of Plastics, Method of Test for (ASTM D570-63)	1.00
<b>K62.48-1963</b> † solan; (herbicide)	1.00	<b>K65.17-1965</b> Particle Size (Sieve Analysis) of Plastic Materials, Method of Test for (ASTM D1921-63)	1.00
<b>K62.50-1963</b> † bromacil; (herbicide)	1.00	<b>K65.18-1965</b> Flatness of Plastics Sheet or Tubing, Method for Measurements of (ASTM D1604-63)	1.00
<b>K62.52-1963</b> † dichlobenil; (herbicide)	1.00	<b>K65.19-1965</b> Apparent Density of Rigid Cellular Plastics, Method of Test for (ASTM D1622-63) ( <i>ISO R845</i> )	1.00
<b>K62.53-1963</b> † norea; (herbicide)	1.00	<b>K65.20-1965</b> Determining Resistance of Plastics to Fungi, Practice for (ASTM D1924-63)	1.00
<b>K62.54-1963</b> † dioxathion; (insecticide)	1.00	<b>K65.21-1965</b> Flammability of Rigid Plastics Over 0.127 CM (0.050 In.) in Thickness, Method of Test for (ASTM D635-63)	1.00
<b>K62.55-1963</b> † dicamba; (herbicide)	1.00	<b>K65.22-1967</b> Soluble Cellulose Nitrate, Specifications for, and Methods of Test [ASTM D301-56 (1965)]	1.00
<b>K62.56-1963</b> † tricamba; (herbicide)	1.00	<b>K65.23-1967</b> Cellulose Acetate Propionate and Cellulose Acetate Butyrate, Methods for Testing (ASTM D817-65) ( <i>ISO R872</i> )	1.00
<b>K62.57-1964</b> † norbormide; (rodenticide)	1.00	<b>K65.24-1967</b> Cellulose Acetate, Method of Testing (ASTM D871-63)	1.00
<b>K62.58-1967</b> † amidithion (insecticide and acaricide)	1.00	<b>K65.25-1967</b> Viscosity of Cellulose Derivatives By Ball-Drop Method, Method of Test for (ASTM D1343-56)	1.00
<b>K62.59-1965</b> † cypromid; (herbicide)	1.00	<b>K65.26-1967</b> Methylcellulose, Methods of Testing (ASTM D1347-64)	1.00
<b>K62.60-1965</b> † siduron; (herbicide)	1.00	<b>K65.27-1967</b> Moisture in Cellulose, Methods of Test for (ASTM D1348-61)	1.00
<b>K62.62-1966</b> † pyrazon; (herbicide)	1.00	<b>K65.28-1967</b> Flammability of Flexible Thin Plastic Sheeting, Method of Test for [ASTM D1433-58 (1966)]	1.00
<b>K62.63-1965</b> † lenacil; (herbicide)	1.00	<b>K65.29-1967</b> Operating Light-and-Water-Exposure Apparatus (Carbon-Arc Type) For Exposure of Plastics, Practice for (ASTM D1499-64)	1.00
<b>K62.64-1966</b> † chloroneb; (fungicide)	1.00	<b>K65.30-1967</b> Sodium Carboxymethylcellulose, Methods of Testing (ASTM D1439-65)	1.00
<b>K62.65-1966</b> † bromoxynil; (herbicide)	1.00	<b>K65.31-1967</b> Compressive Strength of Rigid Cellular Plastics, Method of Test for (ASTM D1621-64)	1.00
<b>K62.66-1966</b> † terbacil; (herbicide)	1.00	<b>K65.32-1967</b> Tensile Properties of Rigid Cellular Plastics, Method of Test for (ASTM D1623-64)	1.00
<b>K62.67-1967</b> † phosalone; (acaricide and insecticide)	1.00	<b>K65.33-1967</b> Resistance of Plastics to Sulfide Staining, Method of Test for (ASTM D1712-65)	1.00
<b>K62.68-1966</b> † milneb; (fungicide)	1.00	<b>K65.34-1967</b> Cellulose Chain Length Uniformity by Fractional Precipitation of Cellulose Nitrate, Method of Test for (ASTM D1716-62)	1.00
<b>K62.70-1967</b> † methomyl; (insecticide)	1.00	<b>K65.35-1967</b> Pentosans in Cellulose, Method of Test for (ASTM D1787-62)	1.00
<b>♦K62.71-1968</b> † formetanate; (acaricide)	1.00	<b>K65.36-1967</b> Evaluation of Welding Performance for Poly (Vinyl Chloride) Structures, Method of Test for (ASTM D1789-65)	1.00
<b>♦K62.73-1968</b> † benzadox; (herbicide)	1.00	<b>K65.37-1967</b> Alcohol-Benzene Soluble Matter in Cellulose, Method of Test for (ASTM D1794-62)	1.00
<b>♦K62.74-1968</b> † carbofuran; (pesticide)	1.00	<b>K65.38-1967</b> Intrinsic Viscosity of Cellulose, Method of Test for (ASTM D1795-62)	1.00
<b>♦K62.75-1968</b> † carbetamide; (herbicide)	1.00	<b>K65.39-1967</b> Chromatographic Analysis of Chemically Refined Cellulose, Method of Test for (ASTM D1915-63)	1.00
<b>♦K62.76-1968</b> † parinol; (fungicide)	1.00	<b>K65.40-1967</b> Carboxyl Content of Cellulose, Methods of Test for (ASTM D1926-63)	1.00
<b>♦K62.77-1968</b> † aldicarb; (insecticide)	1.00	<b>K65.41-1967</b> Melting Point of Semicrystalline Polymers, Method of Test for (ASTM D2117-64)	1.00
<b>♦K62.78-1968</b> † benomyl; (fungicide)	1.00	<b>K65.42-1967</b> Solubility of Cellulose in Sodium Hydroxide, Method of Test for (ASTM D1696-61)	1.00
		<b>K65.43-1967</b> Ethylcellulose, Methods of Testing (ASTM D914-50)	1.00
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 PH1.34-1961 †6mm 200-Foot Film Spools for Recording Instruments, Microfilm and Still Picture Cameras, Dimensions for ..... 1.00  
 PH1.35-1961 †35mm 100-Foot Film Spools for Recording Instruments, Microfilm and Still Picture Cameras, Dimensions for ..... 1.25  
 PH1.36-1961 †70mm 100-Foot Film Spools for Recording Instruments, Microfilm and Still Picture Cameras, Dimensions for ..... 1.00  
 PH1.37-1963 †Scratch Resistance of Processed Photographic Film, Methods for Determining the ..... 2.25  
 PH1.38-1966 †No. 220 Roll Film with Paper Leader and Trailer, Dimensions for ..... 1.00  
 PH1.39-1966 †70mm Film Magazines and Film for Still Picture Cameras, Dimensions for ..... 1.25

•PH2—Photographic Sensitometry:

20% discount will be allowed on the purchase of complete PH2 series.  
 Binder available at \$3.75 extra.  
 (Complete PH2 Series on Microfiche, \$31.60)

PH2.1-1952 †Spectral Diffuse Densities of Three-Component Subtractive Color Films ..... 1.75  
 PH2.2-1966 †Sensitometry of Photographic Papers ..... 2.75  
 PH2.3-1956 †Activity or the Relative Photographic Effectiveness of Illuminants, Method for Determining the ..... 2.25  
 PH2.4-1965 †Exposure Guide Numbers for Photographic Lamps, Method for Determining ..... 2.25  
 PH2.5-1960 †Speed of Photographic Negative Materials (Monochrome, Continuous-Tone), Method for Determining ..... 2.25  
 PH2.7-1966 †Photographic Exposure Guide ..... 2.50  
 PH2.8-1964 †Sensitometry of Industrial X-ray Films for Energies up to 3 Million Electron Volts, Method for the ..... 2.75  
 PH2.9-1964 †Sensitometry of Medical X-ray Films, Method for the ..... 2.75  
 PH2.10-1965 †Evaluating Films for Monitoring X-rays and Gamma Rays Having Energies up to 3 Million Electron Volts, Method for ..... 2.25  
 PH2.12-1961 (See PH3 Standards)  
 PH2.13-1965 †Testing Photographic Flash Lamps, Method for ..... 1.00  
 PH2.15-1964 (See PH3 Standards)  
 PH2.17-1958 †Diffuse Reflection Density ..... 2.25  
 PH2.19-1959 †Diffuse Transmission Density (*ISO R5*) ..... 3.25  
 PH2.20-1960 †Sensitometric Exposure of Artificial-Light-Type Color Films, Method for the ..... 2.25  
 PH2.21-1961 †Speed of Reversal Color Films for Still Photography, Method for Determining ..... 2.25  
 PH2.22-1961 †Safety Time of Photographic Darkroom Illumination, Procedure for Determining the ..... 1.00

PH2.23-1961 †Lighting Conditions for Viewing Photographic Color Prints and Transparencies ..... 2.00  
 PH2.25-1965 †Photographic Printing Density (Carbon Step Tablet Method) ..... 2.25  
 PH2.27-1965 †Determining the Speed of Color Negative Films for Still Photography, Method for ..... 1.75  
 PH2.28-1967 †Evaluating Effective Spectral Energy Distribution of Blue Photoflash Lamps, Method for ..... 2.25  
 PH2.29-1967 †Simulated Daylight Source for Photographic Sensitometry ..... 2.25  
 □PH2.31 †DRAFT STANDARD Direct Viewing of Photographic Color Transparencies — Issued for trial use and criticism ..... 2.25  
 □PH2.32 †DRAFT STANDARD Viewing Conditions for the Appraisal of Color Quality and Color Uniformity in the Graphic Arts Industry — Issued for trial use and criticism ..... 3.25

•PH3—Photographic Apparatus:

20% discount will be allowed on the purchase of complete PH3 series.  
 Binder available at \$3.75 extra.  
 (Complete PH3 Series on Microfiche, \$19.50)

PH3.1-1959 (R1965) †Back Window Location for Roll Film Cameras ..... 1.00  
 PH3.2-1952 (R1959) †Performance Characteristics of Focal-Plane Shutters Used in Still Picture Cameras, Method for Determining ..... 1.75  
 PH3.4-1959 †Performance Characteristics of Front Shutters Used in Still Cameras, Method for Determining ..... 1.75  
 PH3.6-1952 (R1963) †Tripod Connections for American Cameras, 1/4-inch-20 Thread ..... 1.00  
 PH3.7-1952 (R1963) †Tripod Connections for Heavy-Duty or European Cameras 3/8-inch-16 Thread with Adapter for 1/4-inch-20 Tripod Screws ..... 1.00  
 PH3.8-1953 (R1965) †Contact Printers, Specifications for ..... 1.00  
 PH3.9-1953 (R1965) †Masks (Separate) for Use in Photographic Contact Printing of Roll Film Negatives, Specifications for ..... 1.00  
 PH3.11-1953 (R1965) †Stereo Still Pictures on 35mm Film (5-Perforation Format), Dimensions for ..... 1.00  
 PH3.12-1959 (R1966) †Attachment Threads for Lens Accessories, Specifications for ..... 1.00  
 PH3.13-1958 †Focal Length Marking of Lenses ..... 1.00  
 PH3.14-1958 (R1966) †Front Lens Mounts for Cameras, Dimensions of ..... 1.00  
 PH3.15-1944 (R1965) †Printing Frames, Specifications for ..... 1.00  
 PH3.16-1947 (R1966) †Resolving Power of Lenses for Projectors for 35mm Slidefilm and 2- × 2-Inch Slides, Method for Determining ..... 1.00  
 PH3.17-1958 (R1965) †Photographic Filter Sizes, Specifications for ..... 1.25  
 PH3.18-1957 (R1963) †Internal Synchronization of Front Shutters, Classifying and Testing the ..... 1.25  
 PH3.19-1948 (R1967) †Radiographic Intensifying Screens, Dimensions for ..... 1.00  
 ♦PH3.20-1968 †Focusing Camera Lenses, Distance Scales for ..... 1.00  
 PH3.21-1957 (R1965) †Medical X-ray Film Cassettes (Inch and Centimeter Sizes), Dimensions for ..... 1.00  
 PH3.22-1958 (R1965) †Distribution of Illuminance Over the Field of a Photographic Objective or Projection Lens ..... 2.25  
 PH3.23-1950 (R1963) †Shutter Cable Release Tip and Socket with Taper (European) Thread ..... 1.00  
 PH3.24-1950 (R1963) †Shutter Cable Release Tip and Socket with Straight (American) Thread ..... 1.00  
 PH3.25-1948 (R1963) †Parts of a Photographic Objective Lens, Nomenclature for ..... 1.00  
 PH3.26-1951 (R1963) †Photographic Double Film Holders of the Lock Rib Type, Dimensions for ..... 1.00  
 PH3.27-1949 (R1966) †Lantern Slide Projectors, Specifications for ..... 1.00  
 PH3.28-1945 (R1966) †Slidefilm Projectors, Specifications for ..... 1.00

▲, not yet available; †, quantity and member discounts apply; available on microfiche; ♦, approved since last price list; R, reaffirmed; □, draft standard

## •Photographic Apparatus: (Continued)

<b>PH3.29-1958</b> †Apertures and Related Quantities Pertaining to Photographic Lenses, Methods of Designating and Measuring	1.00
<b>PH3.30-1958 (R1965)</b> †Camera Accessory Shoes, Dimensions for	1.00
<b>PH3.31-1958 (R1966)</b> †Photographic Enlargers, Methods for Testing	1.75
<b>PH3.32-1959 (R1966)</b> †Exposure-Time Markings for Shutters Used in Still Cameras	1.00
<b>PH3.33-1967</b> †Relative Aperture Markings for Still Camera Lenses	1.00
<b>PH3.34-1959 (R1966)</b> †Projectors for Opaque Materials, Specifications for	1.00
<b>PH3.35-1960 (R1966)</b> †Designating and Measuring Focal Lengths and Focal Distances of Photographic Lenses, Methods of	2.25
<b>PH3.36-1961</b> †Photographic Flashlamps, ASA Type 250, Dimensions for	1.00
<b>PH3.37-1961</b> †Selective Transmission of a Photographic Lens, Test Method for the	2.25
<b>PH3.38-1961</b> †Photographic Flashlamps, ASA Type 240, Dimensions for	1.00
<b>PH3.39-1961</b> †Picture Sizes for Roll and 35mm Still Film Cameras	1.00
<b>PH3.40-1962</b> †Photographic Electronic Flash Equipment, Method for Measuring and Designating the Performance of	2.25
<b>PH3.41-1965</b> †Slide and Slidefilm Projection, Practice for	2.25
The following standards will be changed to PH3 as they are revised or reaffirmed:	
<b>PH1.24-1955</b> †35mm Slidefilm Projection Rolls	1.00
<b>PH2.12-1961</b> †General-Purpose Photographic Exposure Meters (Photoelectric Type)	3.25
<b>PH2.15-1964</b> †Automatic Exposure Control for Cameras	2.75
<b>Z38.7.5-1948</b> †Printing and Projection Equipment, Methods of Testing	1.00
<b>Z38.7.19-1950</b> †Lantern Slide, Dimensions for	1.00

## •PH4—Photographic Processing:

20% discount will be allowed on the purchase of complete PH4 series. Binder available at \$3.75 extra.

(Complete PH4 Series on Microfiche, \$34.50)

<b>PH4.1-1962</b> †Manual Processing of Black-and-White Photographic Films and Plates, Methods for	2.25
<b>PH4.2-1960</b> †Sheet Film and Processing Tanks, Specifications for	1.00
<b>PH4.3-1960</b> †Photographic Trays, Specifications for	1.00
<b>PH4.4-1960</b> †Channel-Type Photographic Processing Hangers for Sheet Films and Plates, Specifications for	1.00
<b>PH4.5-1961 (R1968)</b> †Temperature and Temperature Tolerances for Photographic Processing Baths	1.00
<b>PH4.6-1961 (R1968)</b> †Converting Weights and Measures for Photographic Use, Method for	1.25
<b>PH4.7-1958</b> †Thermometers for Photographic Processing, Specifications for	1.00
<b>PH4.8-1958</b> †Determining the Thiosulfate Content of Processed Black-and-White Photographic Film and Plates, Method for ( <i>Agrees with ISO R417</i> )	2.25
<b>PH4.9-1956</b> †Photographic Graduates	1.00
<b>PH4.10-1953 (R1961)</b> †Photographic Grade Blotters, Requirements for	1.00
<b>PH4.11-1964</b> †Determining the Melting Point of a Nonsupport Layer of Films, Plates, and Papers, Method for	1.75
<b>PH4.13-1954</b> †Chemical Resistivity and Photographic Inertness of Constructional Materials for Processing Equipment, Method and Criteria for Determining the (Partially revised by PH4.31-1962)	2.75
<b>PH4.14-1964</b> †The Evaluation of Developers with Respect to Graininess of Black-and-White Films and Plates	2.25
<b>PH4.15-1961</b> †Bite of Film Processing Clips for Roll and Dental Films, Dimensions for	1.00

<b>PH4.16-1964</b> †Chromium-Plated Surfaces for Ferrotyping, Specifications for	1.00
<b>PH4.17-1958</b> †Radiographic Film Processing Tanks, Internal Dimensions For	1.00
<b>PH4.18-1964</b> †X-ray Sheet Film Hangers (Clip Type), Specifications for	1.00
<b>PH4.19-1956</b> †Deep Tanks for Manual Processing of Amateur Roll Film, Internal Dimensions for	1.00
<b>PH4.20-1958</b> †Photographic Filing Enclosures for Storing Processed Photographic Films, Plates, and Papers	1.50
<b>PH4.21-1958</b> †Photographic Grade Dry Mounting Tissue, Specification for	1.25
<b>PH4.22-1964</b> †Channel-Type Multiple Photographic Hangers for Black-and-White Plates and Sheet Film, Specifications for	1.00
<b>PH4.25-1958</b> †Photographic Laboratory Spring-Driven Timers, Specification for	1.00
<b>PH4.27-1959</b> †Photographic Chemical Scales, Specifications for	1.00
<b>PH4.28-1961</b> †Total Hardness of Water for Photographic Processing, Method for Determining the	1.00
<b>PH4.29-1962</b> †Manual Processing of Black-and-White Photographic Paper, Methods for	1.75
<b>PH4.30-1962</b> †Residual Thiosulfate and Thionates in Processed Photographic Papers, Method for Determining ( <i>agrees with ISO R417</i> )	1.75
<b>PH4.31-1962</b> †Photographic Inertness of Construction Materials Used in Photographic Processing, Specification for Testing the (Partial revision of PH4.13-1954)	2.25
<b>PH4.32-1965</b> †Evaluating the Processing of Black-and-White Photographic Papers with Respect to the Stability of the Resultant Image, Method for (Partial Revision of PH4.12-1954)	1.75

## •Specifications for Photographic Grade Chemicals:

## Acids

<b>PH4.100-1958 (R1964)</b> †Acetic Acid, Glacial	1.00
<b>PH4.101-1958 (R1964)</b> †Sulfuric Acid	1.00
<b>PH4.102-1958 (R1964)</b> †Citric Acid, Monohydrate	1.00
<b>PH4.103-1958 (R1964)</b> †Boric Acid, Crystalline	1.00
<b>PH4.104-1958 (R1964)</b> †Hydrochloric Acid	1.00
<b>PH4.105-1960</b> †Sodium Acid Sulfate, Fused	1.00
<b>PH4.106-1958 (R1964)</b> †Acetic Acid, 28-Percent Solution	1.00
<b>PH4.107-1962</b> †Citric Acid, Anhydrous	1.00

## Developing Agents

<b>PH4.125-1964</b> †p-Methylaminophenol Sulfate ( <i>agrees with ISO R422</i> )	1.25
<b>PH4.126-1962</b> †Hydroquinone ( <i>agrees with ISO R423</i> )	1.25
<b>PH4.127-1964</b> †2, 4-Diaminophenol Hydrochloride	1.25
<b>PH4.128-1964</b> †Para-Hydroxyphenylglycine	1.25
<b>PH4.129-1964</b> †Para-Aminophenol Hydrochloride	1.25
<b>PH4.130-1956 (R1964)</b> †Pyrogallol Acid	1.00
<b>PH4.131-1958 (R1964)</b> †Catechol (Orthodihydroxybenzene, Pyrocatechin, Pyrocatechol)	1.00
<b>PH4.132-1964</b> †Para-Phenylenediamine	1.25
<b>PH4.133-1964</b> †Para-Phenylenediamine, Dihydrochloride	1.25
<b>PH4.134-1964</b> †p-Chlorohydroquinone	1.25
<b>PH4.135-1961</b> †p-Benzyl Aminophenol Hydrochloride	1.00
<b>PH4.136-1960 (R1966)</b> †1-Phenyl-3-pyrazolidone	1.25

## Hardeners

<b>PH4.150-1958 (R1964)</b> †Aluminum Potassium Sulfate	1.00
<b>PH4.151-1958 (R1964)</b> †Chromium Potassium Sulfate	1.00
<b>PH4.152-1958 (R1964)</b> †Formaldehyde, 37-Percent Solution (Formalin)	1.00
<b>PH4.153-1960 (R1966)</b> †Paraformaldehyde	1.00
<b>PH4.154-1965</b> †Aluminum Chloride Solution	1.00



**\*Specifications for Photographic Grade Chemicals: (Continued)**  
Miscellaneous

**PH4.175-1958 (R1966)** † Sodium Sulfate, Anhydrous..... 1.00  
**PH4.176-1958 (R1964)** † Sodium Acetate, Anhydrous..... 1.00  
**PH4.177-1964** † Sodium Thiocyanate..... 1.25  
**PH4.178-1954 (R1964)** † Isopropylamine, 50-Percent Aqueous Solution (Monoisopropylamine)..... 1.00  
**PH4.179-1964** † Sodium Citrate, Dihydrate..... 1.00  
**PH4.180-1958 (R1964)** † Copper Sulfate (Cupric Sulfate)..... 1.00  
**PH4.181-1961** † Benzyl Alcohol..... 1.25  
**PH4.183-1961** † Ammonium Chloride..... 1.00  
**PH4.184-1961** † Ammonium Sulfate..... 1.00  
**PH4.185-1967** † Ethylenediaminetetraacetic Acid (EDTA) and Its Salts..... 2.25  
**PH4.186-1967** † Hydroxylamine Sulfate..... 1.00  
**PH4.187-1967** † Hydroxylamine Hydrochloride..... 2.25  
**PH4.188-1967** † Ethylenediamine..... 2.25

Restrainers and Antifoggants

**PH4.200-1962** † Potassium Bromide (*agrees with ISO R420*)..... 1.25  
**PH4.201-1957 (R1964)** † Potassium Iodide..... 1.00  
**PH4.202-1956 (R1964)** † Potassium Chloride..... 1.00  
**PH4.203-1956 (R1964)** † Sodium Chloride..... 1.00  
**PH4.204-1962** † Benzotriazole..... 1.25  
**PH4.205-1964** † 5-Methylbenzotriazole..... 1.00  
**PH4.206-1964** † 5-Nitrobenzimidazole Nitrate..... 1.00  
**PH4.207-1962** † Sodium Bromide..... 1.25

Alkalies

**PH4.225-1956 (R1965)** † Sodium Hydroxide..... 1.00  
**PH4.226-1956 (R1965)** † Potassium Hydroxide..... 1.00  
**PH4.227-1961 (R1965)** † Sodium Carbonate, Monohydrate..... 1.00  
**PH4.228-1961** † Sodium Carbonate, Anhydrous (*agrees with ISO R424*)..... 1.00  
**PH4.229-1962** † Potassium Carbonate..... 1.25  
**PH4.230-1961** † Sodium Tetraborate, Decahydrate (Borax)..... 1.00  
**PH4.231-1961** † Sodium Metaborate, Octahydrate..... 1.00  
**PH4.232-1956 (R1964)** † Ammonium Hydroxide..... 1.00  
**PH4.233-1961** † Sodium Tetraborate Pentahydrate (Borax, 5 Mole)..... 1.00  
**PH4.234-1967** † Trisodium Phosphate, Dodecahydrate..... 2.25

Fixing Agents

**PH4.250-1960 (R1966)** † Sodium Thiosulfate, Anhydrous..... 1.00  
**PH4.251-1960 (R1966)** † Sodium Thiosulfate, Crystalline (*agrees with ISO R419*)..... 1.00  
**PH4.252-1960 (R1966)** † Ammonium Thiosulfate Solution (Ammonium Hypo Solution)..... 1.25  
**PH4.253-1960 (R1966)** † Ammonium Thiosulfate (Ammonium Hypo)..... 1.25

Sulfites

**PH4.275-1961** † Sodium Sulfite, Anhydrous (*agrees with ISO R418*)..... 1.25  
**PH4.276-1960** † Sodium Bisulfite, Anhydrous (Sodium Metabisulfite)..... 1.25  
**PH4.277-1957 (R1964)** † Potassium Metabisulfite..... 1.00

Bleaching Agents

**PH4.300-1958 (R1964)** † Potassium Dichromate (Potassium Bichromate)..... 1.00  
**PH4.301-1958 (R1964)** † Potassium Permanganate..... 1.00  
**PH4.302-1967** † Potassium Ferricyanide..... 1.00  
**PH4.303-1958 (R1964)** † Potassium Persulfate..... 1.00  
**PH4.304-1960 (R1966)** † Sodium Ferrocyanide..... 1.00

**\*PH5—Photographic Reproduction of Documents:**

(Complete PH5 Series on Microfiche, \$9.00)  
**PH5.1-1959** † Microfilm Readers for 16mm and 35mm Film on Reels, Specifications for (*ISO R371 and R446*)..... 1.00  
**PH5.2-1963** † Paper Sheets for Photo-Reproduction of Documents, Dimensions for..... 1.00  
**PH5.3-1967** † 16mm and 35mm Silver Gelatine Microfilms for Reel Applications, Specifications for (*ISO R193 and R260*)..... 2.75  
**PH5.4-1957** † Storage of Microfilm, Practice for..... 2.25  
**PH5.5-1961** † Micro-Opaques, Specifications for (*ISO R260*)..... 2.25  
**PH5.6-1968** † 100-Foot Reels for Processed 16mm and 35mm Microfilm, Dimensions for..... 1.00  
**PH5.7-1964** † Micro-Opaque Readers, Specifications for..... 1.00

**\*PH6—Dental Radiographic Films:**

(Complete PH6 Series on Microfiche, \$2.00)  
**PH6.1-1961** † Speed Classifications for Intraoral Dental Radiographic Film: Diagnostic Grade..... 1.00  
**PH6.2-1962** † Size Designations and Dimensions for Intraoral Dental Radiographic Film, Diagnostic Grade..... 1.00

**\*PH22—Motion Pictures:**

20% discount will be allowed on the purchase of complete PH22 series. Binder available at \$3.75 extra. (Complete PH22 Series on Microfiche, \$30.50)  
**PH22.1-1964** † 35mm Motion-Picture Film, DH-1870, Dimensions for..... 1.00  
**PH22.2-1961 (R1967)** † 35 mm Photographic Sound Motion-Picture Film, Usage in Camera (*ISO R23*)..... 1.00  
**PH22.3-1961 (R1967)** † 35mm Photographic Sound Motion-Picture Film, Usage in Projector (*ISO R24*)..... 1.00  
**PH22.4-1965** † 35mm Motion-Picture Projection Reels, Dimensions of..... 1.00  
**PH22.5-1964** † 16mm Motion-Picture Film, 2R-3000, Dimensions for (*ISO R69*)..... 1.25  
**PH22.7-1964** † 16mm Motion-Picture Camera Aperture Image, Dimensions of (*agrees with ISO R466*)..... 1.00  
**PH22.8-1957** † 16mm Motion-Picture Film, Projected Image Area of (*ISO R359*)..... 1.00  
**PH22.9-1965** † Camera Usage of 16mm Motion-Picture Film Perforated Two Edges, Specifications for (*ISO R25*)..... 1.00  
**PH22.10-1964** † Projector Usage of 16mm Motion-Picture Film Perforated Two Edges, Specifications for (*ISO R26*)..... 1.00  
**PH22.11-1966** † 16mm Motion-Picture Projection Reels (200 to 2,000 ft. Capacity), Dimensions for..... 2.25  
**PH22.12-1964** † 16mm Motion-Picture Film, 1R-3000, Dimensions for (*ISO R69*)..... 1.25  
**PH22.15-1964** † Camera Usage of 16mm Motion-Picture Film, Perforated One Edge, Specifications for (*ISO R27*)..... 1.00  
**PH22.16-1965** † Projector Usage of 16mm Motion-Picture Film Perforated One Edge, Specifications for..... 1.00  
**PH22.17-1965** † 16mm Motion-Picture Film Perforated 8mm, 2R-1500, Dimensions for..... 1.00  
**PH22.19-1964** † 8mm Motion-Picture Camera Aperture Image, Dimensions of (*ISO R74*)..... 1.00  
**PH22.20-1957** † 8mm Motion-Picture Film, Projected Image Area of (*ISO R74*)..... 1.00  
**PH22.21-1964** † Camera Usage of Double Width 8mm Motion-Picture Film Perforated Two Edges, Specifications for (*ISO R28*)..... 1.00  
**PH22.22-1964** † Projector Usage of 8mm Motion-Picture Film Perforated One Edge, Specifications for (*ISO R29*)..... 1.00  
**PH22.23-1958** † 8mm Motion-Picture Projection Reels..... 1.00  
**PH22.24-1965** † Transverse Cemented Splices on 16mm and 8mm Motion-Picture Film, Projection Type, Dimensions of..... 1.00  
**PH22.27-1960** † Transmission Density of Motion-Picture Films, Method of Determining (Including PH2.19-1959)..... 3.25  
**PH22.28-1967** † 35mm Motion-Picture Projection Lenses and Mounts, Dimensions for..... 1.00  
**PH22.31-1967** † Motion-Picture Safety Film, Specifications for (Including PH1.25-1965) (*ISO R543*)..... 2.25

▲, not yet available; †, quantity and member discounts apply; available on microfiche; ♦, approved since last price list; R, reaffirmed; □, draft standard

## \*PH22—Motion Pictures: (Continued)

<b>PH22.34-1964</b> †35mm Motion-Picture Film, BH-1870, Dimensions for.....	1.00
<b>PH22.35-1962</b> †16-Tooth 35mm Motion-Picture Projector Sprockets, Dimensions for.....	1.25
<b>PH22.36-1964</b> †35mm Motion-Picture Film, KS-1870, Dimensions for.....	1.00
<b>PH22.37-1963</b> †Raw Stock Cores for 35mm Motion-Picture Film, Dimensions of.....	1.00
<b>PH22.38-1964</b> †Raw Stock Cores for 16mm Motion-Picture Film, Dimensions of.....	1.00
<b>PH22.40-1967</b> †Photographic Sound Record on 35mm Motion-Picture Prints, Dimensions of ( <i>ISO R70</i> ).....	1.00
<b>PH22.41-1957</b> †Photographic Sound Record on 16mm Prints ( <i>ISO R71</i> ).....	1.00
<b>PH22.42-1962</b> †16mm Sound-Focusing Test Films, Photographic Type, Specifications for.....	1.00
<b>PH22.43-1961</b> †16mm 3000-Cycle Flutter Test Film, Photographic Type.....	1.00
<b>PH22.44-1963</b> †16mm Multifrequency Test Film Photographic Type, Specifications for.....	1.00
<b>PH22.45-1962</b> †16mm 400-Cycle Signal-Level Test Film, Photographic Type, Specifications for.....	1.00
<b>PH22.46-1946 (R1959)</b> †16mm Positive Aperture Dimensions and Image Size for Positive Prints Made from 35mm Negatives.....	1.00
<b>PH22.47-1946 (R1959)</b> †Negative Aperture Dimensions and Image Size for 16mm Duplicate Negatives Made from 35mm Positive Prints.....	1.00
<b>PH22.48-1965</b> †Location of Printed Areas in 16mm Picture and Sound Contact Printing.....	1.00
<b>PH22.50-1960</b> †Reel Spindles for 16mm Motion-Picture Projectors.....	1.00
<b>PH22.51-1961</b> †Intermodulation Tests for 16mm Variable-Density Photographic Sound Prints.....	1.25
<b>PH22.52-1960 (R1967)</b> †Cross-Modulation Tests, 16mm Variable-Area Photographic Sound Prints.....	1.00
<b>PH22.55-1966</b> †Leaders and Cue Marks for 35mm and 16mm Sound Motion-Picture Release Prints, Specifications for.....	2.25
<b>PH22.56-1961</b> †Nomenclature for Motion-Picture Film Used in Studios and Processing Laboratories (Sections 1-4), with Addenda PH22.56a-1964.....	2.25
<b>PH22.56a-1964</b> †Nomenclature for Motion-Picture Film Used in Studios and Processing Laboratories (Sections 5-7), Addenda to PH22.56-1961.....	1.00
<b>PH22.57-1963</b> †16mm Buzz-Track Test Film Photographic Type, Specifications of.....	1.00
<b>PH22.58-1954</b> †Aperture for 35mm Sound Motion-Picture Projectors ( <i>ISO R73</i> ).....	1.00
<b>PH22.59-1966</b> †35mm Motion-Picture Camera Aperture Images, Dimensions of ( <i>ISO R73</i> ).....	1.00
<b>PH22.60-1959</b> †Theater Sound Test Film for 35mm Motion-Picture Sound Reproducing Systems.....	1.00
<b>PH22.61-1963</b> †7-kc Sound-Focusing Test Film for 35mm Motion-Picture Sound Reproducers.....	1.00
<b>PH22.62-1960</b> †9kc Sound-Focusing Test Film for 35mm Motion-Picture Sound Reproducers.....	1.00
<b>PH22.65-1948 (R1953)</b> †Scanning-Beam Uniformity Test Film for 35mm Motion-Picture Sound Reproducers (Service Type).....	1.00
<b>PH22.67-1960</b> †1000-Cycle Balancing Test Film for 35mm Motion-Picture Sound Reproducers.....	1.00
<b>PH22.68-1962</b> †Buzz-Track Test Film for 35mm Motion-Picture Sound Reproducers, Photographic Type, Specifications for.....	1.00
<b>PH22.71-1965</b> †32mm Motion-Picture Film, 2R-3000, Dimensions for.....	1.25
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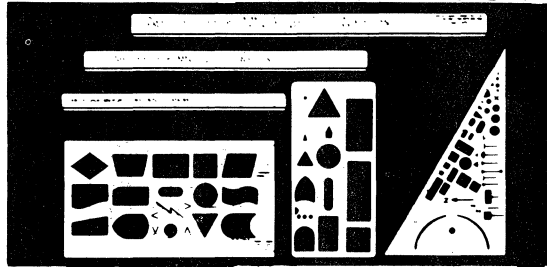
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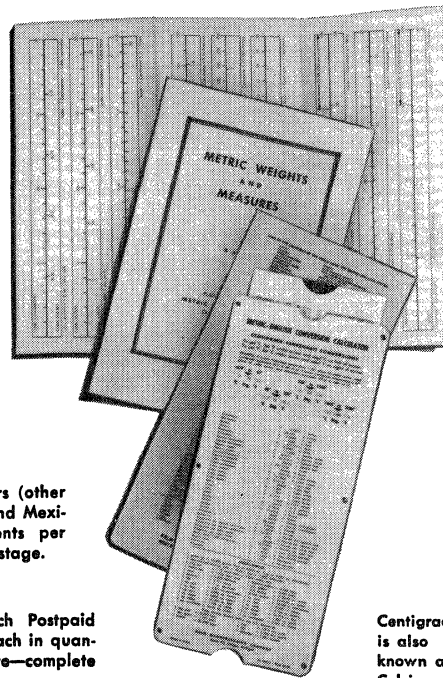
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**Z21.6a-1967** Addenda to Z21.6-1966, sold separately ..... .10  
 †**Z21.6b-1968** Addenda to Z21.6-1966 and Z21.6a-1967, sold separately ..... .25  
**Z21.8-1965** Domestic Gas Conversion Burners, Requirements for Installation of, with Addenda Z21.8a-1967 ..... .85  
**Z21.8a-1967** Addenda to Z21.8-1965, sold separately ..... .10  
**Z21.9-1962 (R1967)** Hot Plates and Laundry Stoves, Approval Requirements for ..... 2.00

•**Gas Water Heaters:**

**Z21.10.1-1966** Automatic Storage Type Water Heaters With Input Less Than 50,000 Btu Per Hour, Approval Requirements for, Volume I ..... 2.00  
**Z21.10.2-1962 (R1968)** Side-Arm Type Water Heaters, Approval Requirements for, Volume II, with Addenda Z21.10.2a-1963 ..... 2.10  
**Z21.10.2a-1963 (R1968)** Addenda to Z21.10.2-1962, sold separately ..... .10  
**Z21.10.3-1966** Circulating Tank, Instantaneous and Large Automatic Storage Type Water Heaters, Approval Requirements for, Volume III ..... 2.00  
**Z21.11.1-1965** Vented Room Heaters, Approval Requirements for Gas-Fired Room Heaters, Volume I, with Addendas Z21.11.1a-1966 and Z21.11.1b-1968 ..... 2.45  
**Z21.11.1a-1966** Addenda to Z21.11.1-1965, sold separately ..... .20  
 †**Z21.11.1b-1968** Addenda to Z21.11.1-1965 and Z21.11.1a-1966, sold separately ..... .25  
**Z21.11.2-1967** Unvented Room Heaters, Gas-Fired Room Heaters, Volume II, including Addenda Z21.11.2a-1968 ..... 2.10  
 †**Z21.11.2a-1968** Addenda to Z21.11.2-1967, sold separately ..... .10  
**Z21.12-1937 (R1968)** Draft Hoods, Listing Requirements for ..... .50  
**Z12.13-1967** Gas-Fired Steam and Hot Water Boilers, including Addenda Z21.13a-1968 ..... 2.25  
 †**Z21.13a-1968** Addenda to Z21.13-1967, sold separately ..... .25  
**Z21.15-1963** Manually Operated Gas Valves, Listing Requirements for, with Addenda Z21.15a-1964 and Z21.15b-1966 ..... 1.20  
**Z21.15a-1964** Addenda to Z21.15-1963, sold separately ..... .10  
**Z21.15b-1966** Addenda to Z21.15-1963 and Z21.15a-1964, sold separately ..... .10  
 †**Z21.16-1968** Gas Unit Heaters ..... 2.00  
**Z21.17-1966** Domestic Gas Conversion Burners, Listing Requirements for, including Addendas Z21.17a-1967 and Z21.17b-1968 ..... 2.30  
**Z21.17a-1967** Addenda to Z21.17-1966, sold separately ..... .20  
 †**Z21.17b-1968** Addenda to Z21.17-1966 and Z21.17a-1967, sold separately ..... .10

**Z21.18-1956** Domestic Gas Appliance Pressure Regulators, Listing Requirements for, with Addenda Z21.18a-1960 ..... 2.25  
**Z21.18a-1960** Addenda to Z21.18-1956, sold separately ..... .75  
**Z21.19-1965** Refrigerators Using Gas Fuel, Approval Requirements for, with Addenda Z21.19a-1966 ..... 2.20  
**Z21.19a-1966** Addenda to Z21.19-1965, sold separately ..... .20  
 †**Z21.20-1968** Automatic Burner Ignition and Safety Shutoff Devices ..... 1.00  
 †**Z21.21-1968** Automatic Valves for Gas Appliances ..... 1.00  
 †**Z21.22-1964** Relief Valves and Automatic Gas Shutoff Devices for Hot Water Supply Systems, Listing Requirements for, with Addenda Z21.22a-1965 ..... 1.70  
**Z21.22a-1965** Addenda to Z21.22-1964, sold separately ..... .20  
**Z21.23-1963 (R1968)** Gas Appliance Thermostats, Listing Requirements for ..... 1.50  
**Z21.24-1967** Metal Connectors for Gas Appliances, including Addenda Z21.24a-1968 ..... 1.25  
 †**Z21.24a-1968** Addenda to Z21.24-1967, sold separately ..... .25  
 †**Z21.27-1968** Hotel and Restaurant Gas Deep Fat Fryers ..... 2.00  
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 †**Z21.28a-1968** Addenda to Z21.28-1967, sold separately ..... .25  
**Z21.30-1964** Gas Appliances and Gas Piping, Installation Requirements for (NFPA 54-1964) ..... .75  
 †**Z21.31-1968** Gas Counter Appliances ..... 2.00  
**Z21.33-1950 (R1956)** Installation of Gas-Burning Equipment in Large Boilers, Requirements for ..... 1.00  
 †**Z21.34-1968** Gas-Fired Duct Furnaces ..... 2.00  
**Z21.35-1964** Gas Filters on Appliances, Listing Requirements for ..... 1.50  
**Z21.38-1957 (R1967)** Installation of Gas Conversion Burners in Domestic Ranges, Requirements for ..... .25  
**Z21.39-1957 (R1967)** Gas Conversion Burners for Domestic Ranges, Listing Requirements for ..... 2.00  
**Z21.40.1-1966** Gas-Fired Absorption Summer Air Conditioning Appliances, Approval Requirements for, including Addenda Z21.40.1a-1967 and Addenda Z21.40.1b-1968 ..... 2.30  
**Z21.40.1a-1967** Addenda to Z21.40.1-1966, sold separately ..... .20  
 †**Z21.40.1b-1968** Addenda to Z21.40.1-1966 and Z21.40.1a-1967, sold separately ..... .10  
**Z21.40.2-1966** Gas Engine-Powered Summer Air Conditioning Appliances, Approval Requirements for, including Addenda Z21.40.2a-1967 ..... 2.20  
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**Z21.41a-1963** Addenda to Z21.41-1962, sold separately ..... .10  
**Z21.41b-1966** Addenda to Z21.41-1962 and Z21.41a-1963, sold separately ..... .10  
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 †**Z21.43-1968** Unvented Gas-Fired Infrared Radiant Heaters ..... 1.50  
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**Z21.44a-1967** Addenda to Z21.44-1966, sold separately ..... .10  
 †**Z21.44b-1968** Addenda to Z21.44-1966 and Z21.44a-1967, sold separately ..... .25  
**Z21.45-1964** Flexible Connectors of Other Than All-Metal Construction for Gas Appliances, Listing Requirements for, with Addenda Z21.45a-1965 and Z21.45b-1966 ..... 1.70  
**Z21.45a-1965** Addenda to Z21.45-1964, sold separately ..... .10  
**Z21.45b-1966** Addenda to Z21.45-1964 and Z21.45a-1965, sold separately ..... .10  
**Z21.46-1967** Gas-Fired Kettles, Steam Cookers and Steam Generators, including Addenda Z21.46a-1968 ..... 2.25  
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 †**Z21.47-1968** Gas-Fired Gravity and Forced Air Central Furnaces ..... 2.00  
**Z21.48-1967** Gas-Fired Gravity and Fan Type Floor Furnaces, including Addenda Z21.48a-1968 ..... 2.25

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•Z21—Gas-Burning Appliances: (Continued)

♦Z21.48a-1968 Addenda to Z21.48-1967, sold separately	25
Z21.49-1967 Gas-Fired Gravity and Fan Type Vented Wall Furnaces, including Addenda Z21.49a-1968	2.25
♦Z21.49a-1968 Addenda to Z21.49-1967, sold separately	25
♦Z21.50-1968 Vented Decorative Gas Appliances	2.00
Z21.51-1967 Vented Gas-Fired Infrared Radiant Heaters, including Addenda Z21.51a-1968	2.25
♦Z21.51a-1968 Addenda to Z21.51-1967, sold separately	25
Z21.52-1967 Gas-Fired Single Firebox Boilers, including Addenda Z21.52a-1968	2.10
♦Z21.52a-1968 Addenda to Z21.52-1967, sold separately	10
♦Z21.53-1967 Gas-Fired Heavy Duty Forced Air Heaters	2.00
Z21.54-1966 Gas Hose Connectors for Portable Outdoor Gas-Fired Appliances, Listing Requirements for, including Addenda Z21.54a-1967	1.10
Z21.54a-1967 Addenda to Z21.54-1966, sold separately	10

Z22—See PH22

Z23.1-1961 Sieves for Testing Purposes, Specifications for (ASTM E11-61) (ISO R565)	1.00
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Z24 Series—See S

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Z32 Series—See Y1 and Y32

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♦Z37.3-1968 † Carbon Disulfide, Acceptable Concentrations of	2.25

Z37.4-1960 † Benzene, Maximal Acceptable Concentration of	2.25
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Z37.7-1943 † Chromic Acid and Chromates, Allowable Concentration of	1.75
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Z37.22-1967 † Tetrachloroethylene, Acceptable Concentrations of	2.25
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Z38—This number has been discontinued. See PH Standards.

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**Z57**—See S Series

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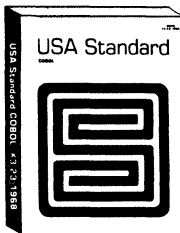
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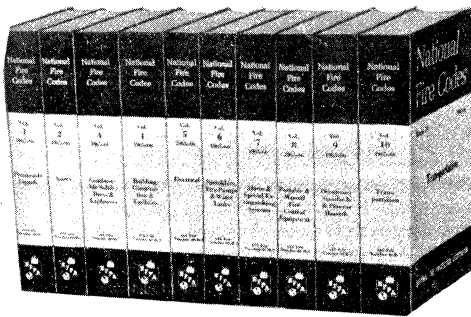
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<b>J6.5-1962</b> Rubber Insulating Sleeves [ASTM D1051-59 (1965)]	
<b>J6.6-1967</b> Rubber Insulating Gloves, Specifications for [ASTM D120-68]	
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<b>PH5.1-1959</b> †Microfilm Readers for 16mm and 35mm Film on Reels, Specifications for ( <i>ISO R371 and R446</i> ).....	1.00
<b>PH5.5-1961</b> †Micro-Opagues, Specifications for ( <i>ISO R260</i> ).....	2.25
<b>PH5.7-1964</b> †Micro-Opaque Readers, Specifications for.....	1.00
<b>Z38.7.5-1948</b> †Printing and Projection Equipment, Methods of Testing.....	1.00

<b>X4.3-1951 (R1964)</b> †Index Cards and Record-Keeping Cards, Size Designation for.....	1.00
<b>X4.4-1955 (R1964)</b> Basic Sheet Sizes and Standard Stock Sizes for Bond Papers and Index Bristols.....	.50
<b>X4.6-1966</b> †10-Key Keyboard for Adding and Calculating Machines.....	1.75
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† <b>Z21.5.1-1968</b> Gas Clothes Dryers, Volume I, Type 1 Clothes Dryers.....	2.00

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<b>Z21.42-1963</b> Gas-Fired Illuminating Appliances, Approval Requirements for.....	1.50
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Z26.1-1966 † Safety Glazing Materials for Glazing Motor Vehicles Operating on Land Highways, Safety Code for . . . . .	4.00
♦Z60.1-1969 Nursery Stock . . . . .	1.00
Z61.1-1963 † Home Cooking and Baking Utensils, Dimensions, Tolerances, and Terminology for . . . . .	2.25
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Z80.1-1964 † First Quality Glass Ophthalmic Lenses, Prescription Requirements for . . . . .	2.25
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Z96.1-1963 Oil-Fired Central Furnaces, Standards for Safety (UL 727 August-1961, 3rd ed) . . . . .	1.25
Z97.1-1966 † Transparent Safety Glazing Material Used in Buildings, Performance Specifications and Methods of Test for . . . . .	3.25
♦Z112.1-1968 Portable Fire Extinguishers, Installation of (NFPA No. 10-1967) . . . . .	1.00
♦Z120.1-1968 Motor Craft (Pleasure and Commercial) (NFPA 302-1968) . . . . .	1.25



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D7.3-1968 Station Requirements for Inspection of Motor Vehicles, Trailers and Semitrailers in Stations Appointed and Licensed by Regulatory Authority . . . . .	\$ 2.25

These new revisions supersede the 1963 USA Standards and incorporate the latest motor vehicle inspection procedures and inspection station requirements. Included for the first time are standards for inspection of two- and three- wheel powered vehicles.

D7.1-1968 includes:

- Steering and Suspension
- Tires, Wheels and Rims
- Exhaust and Fuel Systems
- Brakes
- Lighting and Electrical Systems
- Auxiliary Safety Equipment
- Vehicle Glazing and Wipers
- Registration Plates

D7.2-1968 and D7.3-1968 include:

- Location and Number of Stations
- Site Selection
- Building Requirements
- Equipment Requirements
- Lane Dimensions
- Qualifications for Inspectors
- Supervision
- Record Keeping

# ISO Recommendations

The following publications of International Organization for Standardization are available from the Standards Institute

The relationships with international publications are shown by cross references enclosed in italic parentheses ( ). Since cross references must be brief, the following system has been used in this Catalog: where there is complete agreement with an international recommendation, the words "Agrees with" precede the number designation of the standard or international recommendation; where there is partial agreement, only the number designation is given. The actual relationships can be determined only through careful comparison of the documents involved.

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<b>R1-1954</b> Standard Reference Temperature for Industrial Length Measurements	1.20
<b>R2-1966</b> Designation of the Direction of Twist in Textile Yarns and Related Products	1.20
<b>R3-1954</b> Preferred Numbers-Series of Preferred Numbers [Z17.1-1958 (R1965)]	1.80
<b>R4-1954</b> International Code for the Abbreviation of Titles of Periodicals	1.20
<b>R5-1955</b> Diffuse Transmission Density (Photography) (PH2.19-1959)	3.60
<b>R6-1955</b> Method for Determining Photographic Speed and Exposure Index	2.40
<b>R7-1955</b> Pipe Threads for Gas List Tubes and Screwed Fittings Where Pressure-Tight Joints Are Made on the Threads (1/8 inch to 6 inches)	2.40
<b>R8-1955</b> Layout of Periodicals (Z39.1-1967)	1.80
<b>R9-1955</b> International System for the Transliteration of Cyrillic Characters	1.80
<b>R10-1955</b> Aircraft Connection for Ground Air-Conditioning	1.20
<b>R11-1955</b> Aircraft Pressure Cabin Ground Test Connection	1.20
<b>R12-1955</b> Identification of Aircraft Pipelines	2.40
<b>R13-1955</b> Cast Iron Pipes, Special Castings, and Cast Iron Parts for Pressure Main Lines	9.60
<b>R14-1955</b> Straight-Sided Splines (for Cylindrical Shafts), Nominal Dimensions in Millimeters	1.20
<b>R15-1955</b> Ball and Roller Bearings (B3.5-1960 and B3.6-1962)	7.20
<b>R16-1955</b> Standard Tuning Frequency (Standard Musical Pitch) (S1.1-1960)	1.20
<b>R17-1956</b> Guide to the Use of Preferred Numbers and of Series of Preferred Numbers including Amendment 1 (1966) [Z17.1-1958 (R1965)]	2.40
<b>R18-1956</b> Short Contents List of Periodicals or Other Documents	1.20
<b>R19-1956</b> Shipbuilding Details for Sea Navigation-Deck Bolts	1.20
<b>R20-1956</b> Shipbuilding Details for Inland Navigation-Rivets for Hatches	1.20
<b>R21-1956</b> Shipbuilding Details for Inland Navigation-Sprocket Wheels	1.20
<b>R22-1956</b> Widths of Flat Transmission Belts and Corresponding Pulleys	1.20
<b>R23-1956</b> Emulsion and Sound Record Positions in Camera-For 35mm Sound Motion Picture Film [PH22.2-1961 (R1967)]	1.20
<b>R24-1956</b> Emulsion and Sound Record Positions in Projector-For 35mm Sound Motion Picture Film [PH22.3-1961 (R1967)]	1.20
<b>R25-1956</b> Emulsion Position in Camera-For 16mm Silent Motion Picture Film (PH22.9-1965)	1.20
<b>R26-1956</b> Emulsion Position in Projector-For Direct Front Projection of 16 mm Silent Motion Picture Film (PH22.10-1964)	1.20
<b>R27-1956</b> Emulsion and Sound Record Positions in Camera-For 16mm Sound Motion Picture Film (PH22.15-1964)	1.20
<b>R28-1956</b> Emulsion Position in Camera-For 8mm Silent Motion Picture Film (PH22.21-1964)	1.20
<b>R29-1956</b> Emulsion Position in Projector-For Direct Front Projection of 8mm Silent Motion Picture Film (PH22.22-1964)	1.20
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<b>R31-Part I-1965</b> Basic Quantities and Units of the SI	4.80
<b>R31-Part II-1958</b> Quantities and Units of Periodic and Related Phenomena	1.80
<b>R31-Part III-1960</b> Quantities and Units of Mechanics (Y10.3-1968)	4.80
<b>R31-Part IV-1960</b> Quantities and Units of Heat (Y10.4-1957)	1.80
<b>R31-Part V-1965</b> Quantities and Units of Electricity and Magnetism	6.00
<b>R31-Part VII-1965</b> Quantities and Units of Acoustics	4.80
<b>R31-Part XI-1961</b> Mathematical Signs and Symbols for Use in the Physical Sciences and Technology	2.40
<b>R32-1957</b> Identification of Medical Gas Cylinders	1.80
<b>R33-1957</b> Du Pont Constant Load Method of Measuring Abrasion Resistance of Vulcanized Natural and Synthetic Rubbers	1.80
<b>R34-1957</b> Determination of Tear Strength of Vulcanized Natural and Synthetic Rubbers (Crescent Test Piece)	1.80
<b>R35-1957</b> Determination of the Mechanical Stability of Latex	1.20
<b>R36-1957</b> Determination of the Adhesion of Vulcanized Natural or Synthetic Rubbers to Textile Fabrics (Agrees with J3.1-1942)	1.20
<b>R37-1968</b> Determination of Tensile Stress-Strain Properties of Vulcanized Rubbers [Agrees with J2.1-1965 (R1967)]	3.00
<b>R38-1957</b> Shipbuilding Details for Sea Navigation-Bollards (Vertical Type) with and without Lugs	1.20
<b>R39-1957</b> Shipbuilding Details for Sea Navigation-Anchor Chains-Lugless Joining Shackles, Kenter Type	1.20
<b>R40-1957</b> Shipbuilding Details for Sea Navigation and Inland Navigation-Anchor Chains-Studless Links	1.20
<b>R41-1957</b> Shipbuilding Details for Inland Navigation-Covers for Deck Openings for 220mm Pumps	1.20
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<b>R50-1957</b> Steel Sockets Screwed in Accordance with ISO Recommendation R7 Minimum Lengths	1.20
<b>R51-1957</b> Shipbuilding Details for Inland Navigation-Pipe Lines for the Transport of Combustible Liquids, Nominal Diameters	1.20
<b>R52-1957</b> Grooved Pulleys for V-Belts Groove Sections A, B, C, D, E	1.80
<b>R53-1957</b> Basic Rack of Cylindrical Gears for General Engineering (B6.1-1968)	1.20
<b>R54-1966</b> Modules and Diametral Pitches of Cylindrical Gears for General Engineering and for Heavy Engineering	1.20
<b>R55-1957</b> Specification for Seedlac	6.00
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<b>R57-1957</b> Specification for Bleached Lac	7.20
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<b>R59-1958</b>	Plastics, Determination of the Percentage of Acetone Soluble Matter in Phenolic Mouldings ( <i>Agrees with K65.12-1959</i> )	<b>R100-1959</b>	Crowns of Pulleys for Flat Transmission Belts
	1.20	<b>R101-1959</b>	Width of Sheets of Paper
<b>R60-1958</b>	Moulding Material that can be Poured from a Specified Funnel	<b>R102-1959</b>	Gravity Filling Orifices for Aircraft
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<b>R61-1958</b>	Plastics, Determination of Apparent Density of Moulding Material that cannot be Poured from a Specified Funnel	<b>R104-1966</b>	Rolling Bearings: Thrust Bearings with Flat Seats, Boundary Dimensions
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<b>R62-1958</b>	Plastics, Determination of Water Absorption, including Amendment I (1965)	<b>R105/II-1963</b>	Tests for Colour Fastness of Textiles, Second Series
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<b>R65-1958</b>	Steel Tubes Suitable for Screwing in Accordance with ISO Recommendation R7 ( <i>B36.10-1959</i> )	<b>R106-1959</b>	Light Metal Rivets for Shipbuilding Nominal Diameters, Rivet Hole Diameters and Clearances
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<b>R66-1958</b>	Paper Vocabulary (first series of terms)	<b>R108-1959</b>	Weaving Looms, Definition of Side (Left or Right)
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<b>R67-1968</b>	Muscovite Mica Blocks, Thins and Films, Methods for Grading by Size [ <i>C59.27-1961 (R1967)</i> ]	<b>R109-1968</b>	Standard Working Widths of Weaving Looms
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<b>R76-1958</b>	Ball and Roller Bearings-Methods of Evaluating Static Load Ratings ( <i>Agrees with B3.11-1959</i> )	<b>R120-1959</b>	Plastics, Determination of Free Ammonia and Ammonium Compounds in Phenol-Formaldehyde Mouldings ( <i>Agrees with K66.1-1965</i> )
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<b>R78-1958</b>	Guide on the Form for Standards for Chemical Products and for Methods of Chemical Analysis	<b>R122-1959</b>	Composition of Magnesium-Aluminum-Zinc Alloy Ingots for Casting Purposes
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<b>R79-1968</b>	Brinell Hardness Test for Steel	<b>R123-1968</b>	Sampling of Latex
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<b>R80-1968</b>	Rockwell Hardness Test (B and C Scales) for Steel	<b>R124-1966</b>	Determination of Total Solids of Latex
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<b>R85-1959</b>	Bend Test for Steel	<b>R129-1959</b>	Engineering Drawing, Dimensioning ( <i>Y14.5-1966</i> )
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<b>R86-1959</b>	Tensile Testing of Steel Sheet and Strip Less Than 3mm and Not Less Than 0.5mm Thick	<b>R130-1959</b>	Colour Identification of Mechanical Control Circuits for Aircraft
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<b>R87-1959</b>	Simple Bend Testing of Steel Sheet and Strip Less Than 3mm Thick	<b>R131-1959</b>	Expression of the Physical and Subjective Magnitudes of Sound or Noise ( <i>Agrees with S1.1-1960</i> ) (Including Supplement R357-1963)
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	1.80		1.80
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	2.40		1.80
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## RULES FOR THE USE OF UNITS

## OF THE INTERNATIONAL SYSTEM OF UNITS

## AND A SELECTION

## OF THE DECIMAL MULTIPLES AND SUB-MULTIPLES

## OF THE SI UNITS

1st EDITION

February 1969

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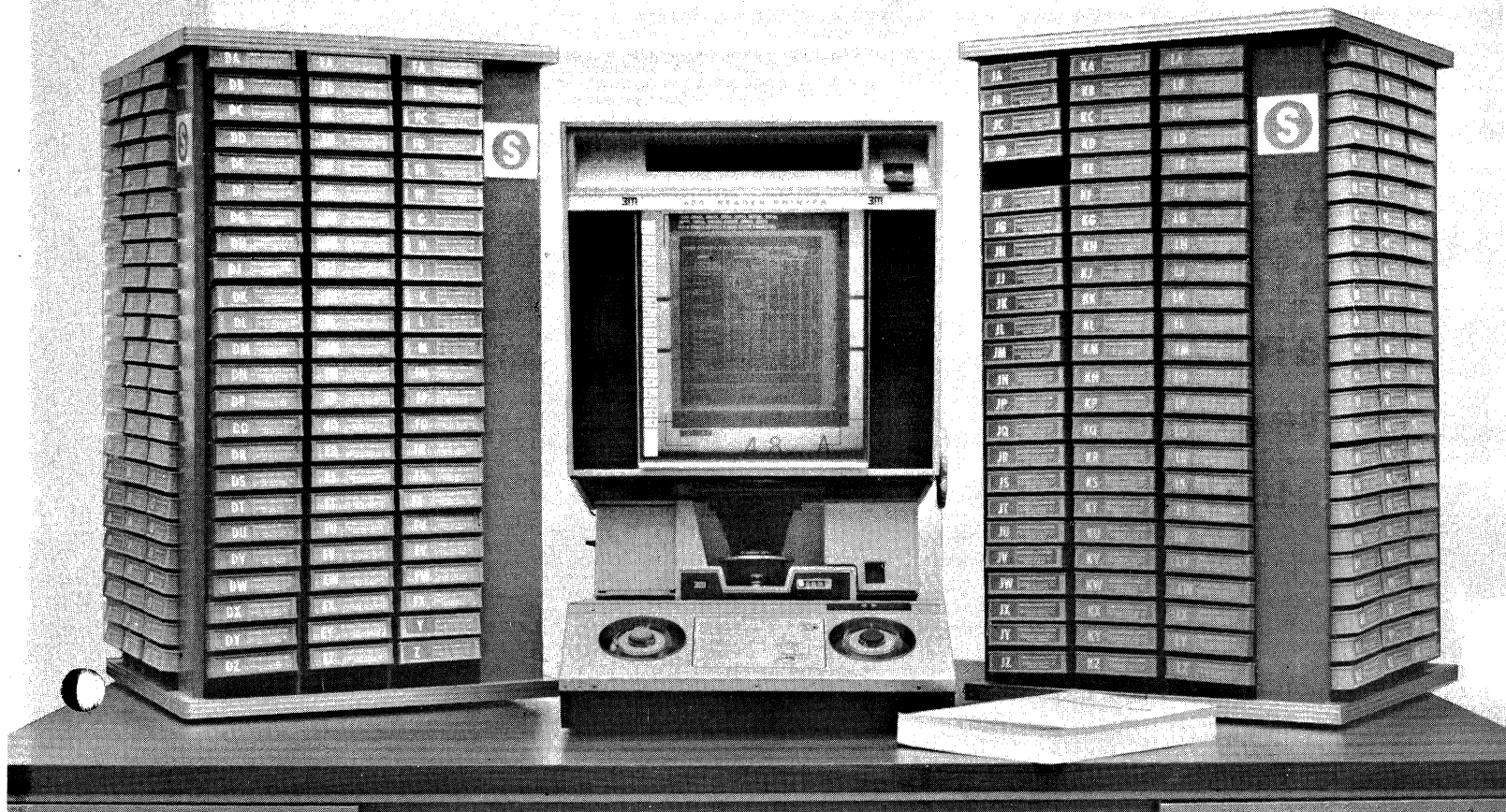
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**FED-STD** FEDERAL STANDARD  
**QPL** QUALIFIED PRODUCTS LISTS  
**AN** AIR FORCE NAVY AERONAUTICAL STANDARD  
**AND** AIR FORCE NAVY AERONAUTICAL DESIGN STANDARD  
**DP** DESCRIPTION PATTERN  
**MIL-HDBK** MILITARY HANDBOOKS  
**AFL** AIR FORCE LETTER  
**AFM** AIR FORCE MANUAL  
**AFR** AIR FORCE REGULATION  
**AFP** AIR FORCE PAMPHLET  
**AFSCM** AIR FORCE SYSTEMS COMMAND MANUAL  
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**AMCR** ARMY MATERIAL COMMAND REGULATION

**MPD** MISSILE PURCHASE DESCRIPTION

**ORD M** ORDNANCE MANUAL  
**ORD P** ORDNANCE PAMPHLET  
**DOD** DEPARTMENT OF DEFENSE

**DOD DSAM** DEFENSE SUPPLY AGENCY MANUAL

**DOD DSAH**

**DOD DSAR**

**NBS** NATIONAL BUREAU OF STANDARDS  
**FAA Regs** FEDERAL AVIATION REGULATIONS  
**CS (GPO)** COMMERCIAL STANDARD

**USASI** UNITED STATES OF AMERICA STANDARDS INSTITUTE

**ASTM** AMERICAN SOCIETY FOR TESTING MATERIALS

**ASME** AMERICAN SOCIETY OF MECHANICAL ENGINEERS

**AMS** AEROSPACE MATERIAL SPECIFICATION

**ARP** AEROSPACE RECOMMENDED PRACTICE

**AIR** AEROSPACE INFORMATION REPORT

**AS** AEROSPACE STANDARD

**AGMA** AMERICAN GEAR MANUFACTURING ASSOCIATION

**AISI** AMERICAN IRON & STEEL INSTITUTE

**NEMA** NATIONAL ELECTRICAL MANUFACTURERS ASSOCIATION

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