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		D074801	Test electrodes (2 drawings)

ADJUNCTS

Supporting material such as reference objects, photographs, tables, software, or blue prints used in conjunction with various ASTM standards

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A0255	ASTM end quench test for hardenability of steel (printed pads)
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ASTM Certification Program

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- Air Quality, Indoor, 4th Ed.
- Aircraft, Light Sport, 2nd Ed.†
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DATABASES/WEB PORTALS

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- Transportation Partnership and Web Portal

DATA SERIES

Numeric, graphic, and bibliographic data used as references. Data usually related to a specific application.

- DS4B** Physical Constants of Hydrocarbon and Non-Hydrocarbon Compounds
- DS39B** Viscosity Index Tables
- DS48A** Odor and Taste Threshold Values Data
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- DS66** Aroma and Flavor Lexicon for Sensory Evaluation
- DS67C** Handbook of Comparative World Steel Standards, 4th Ed.
- DS68** Handbook of Reference Data for NDT
- DS69** Lexicon for Sensory Attributes Relating to Texture and Appearance
- DS70** ASTM Metals Data Series **TM** Handbook of Steel Data: American and European
- DS71** ISOCORRAG International Atmospheric Exposure Program: Summary of Results

- DS72** Lexicon for Sensory Evaluation: Aroma, Flavor, Texture and Appearance

DICTIONARY & DIRECTORIES

- Dictionary of Engineering Science and Technology, 11th Ed.(Online Only)
- Scientific and Technical Consultants and Expert Witnesses (Print) †
- Scientific and Technical Consultants and Expert Witnesses (Online)†
- Testing Laboratories (Print)†
- Testing Laboratories (Online) †
- Equipment Directory (Online) †

DIGITAL LIBRARY

- Standards and Engineering Digital Library

JOURNALS

- Advances in Civil Engineering Materials
- ASTM International, Journal of
- Forensic Sciences Journal of (Backfile on DVD or Online)
- Geotechnical Testing Journal
- Materials Performance and Characterization
- Testing and Evaluation, Journal of

MANUALS

A guide to choosing appropriate testing procedures, or directions on performing a critical process.

- MNL1** Tests for Petroleum Products, 8th Ed.
- MNL2** Vapor Degreasing, 3rd Ed.
- MNL3** Hydrocarbon Analysis, 6th Ed.
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- MNL10** Guide to the Safe Handling of Hazardous Materials Accidents
- MNL11** Drilling, Sampling, and Analysis of Coal
- MNL12** Use of Thermocouples in Temperature Measurement
- MNL13** Descriptive Analysis Testing for Sensory Evaluation
- MNL14** Role of Sensory Analysis in Quality Control
- MNL15** Radon: Prevalence, Measurements, Health Risks, and Control
- MNL16** Exterior Insulation and Finish Systems: Current Practices and Future Considerations
- MNL17** Paint and Coating Testing Manual

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MNL19 Building of Materials Databases
MNL20 Corrosion Tests and Standards: Application and Interpretation, 2nd Ed.
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MNL22 Total Quality Management: Guiding Principles for Application, 2nd Ed.
MNL23 Asbestos Control, 2nd Ed.
MNL25 Chemical Analysis of Metals
MNL26 Sensory Testing Methods, 2nd Edition
MNL27 Elastic-Plastic Fracture Laboratory Test Procedures
MNL28 Coating and Lining Methods for Cooling Water Systems in Power Plants
MNL29 Software to Support ASTM E 1765: Practice for Applying AHP to Multiattribute Decision Analysis of Investments Related to Buildings†
MNL30 Relating Consumer, Descriptive, and Laboratory Data to Better Understand Consumer Responses
MNL32 Testing Sieving Methods: Guidelines for Establishing Sieve Analysis Procedures, 4th Edition
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MNL34 Oil Spill Response Performance Review of Skimmers
MNL35 Basics of Testing Plastics: Mechanical Properties, Flame Exposure and General Guidelines
MNL36 Safe Use of Oxygen and Oxygen, 2nd Ed.
MNL37 Fuels and Lubricants Handbook
MNL38 Lead Hazard Evaluation and Control in Buildings
MNL39 Rubber Testing
MNL40 Moisture Analysis and Condensation Control in Building Envelopes
MNL41 Fracture and Fatigue Control in Structures, 3rd Ed.
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MNL43 Technical Aspects of Phase I/II Environmental Site Assessments, 2nd Ed.
MNL44 Guide to ASTM Test Methods for the Analysis of Petroleum Products and Lubricants, 2nd Ed.
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MNL46 Metallographic and Materialographic Specimen Preparation, Light Microscopy, Image Analysis and Hardness Testing
MNL47 Fuel and Fuel System Microbiology
MNL49 User's Guide to ASTM Standard C 94 on Ready-Mixed Concrete
MNL50 Characterization and Properties of Petroleum Fractions
MNL51 Distillation and Vapor Pressure Measurement in Petroleum Products
MNL52 An Introduction to the Development and use of the Master Curve Method
MNL53 Steel Forgings
MNL54 Preparing and Delivering Technical Presentations
MNL55 International Consumer Product Testing Across Cultures and Countries (Online Only)

MNL56 Guide to Friction, Wear, and Erosion Testing
MNL57 Routine Coal and Coke Analysis: Collection, Interpretation, and Use of Analytical Data
MNL59 A Comprehensive Review of Lubricant Chemistry, Technology, Selection, and Design
MNL60 Physical Requirement Guidelines for Sensory Evaluation Laboratories, 2nd Ed.
MNL61 Guide to ASTM Test Methods for the Analysis of Coal and Coke
MNL63 Just-About-Right (JAR) Scales
MNL64 Intensive Quenching Systems: Engineering and Design
MNL67 Gypsum
MNL68 Crude Oils: Sampling, Analysis, and Evaluation
MNL70 Quality Control of Soil Compaction Using ASTM , 15th Ed. of the Garner Sward Handbook

MONOGRAPHS

Technical books focusing on and providing valuable theory on very specific aspects of a larger topic.

MONO 1 Thermal Oxidation
MONO 2 Engineering Dielectrics Volume III: Electrical Insulating Liquids
MONO 3 High-Chromium Ferritic and Martensitic Steels for Nuclear Applications
MONO 4 Investigation and Interpretation of Black Box Data in Automobiles
MONO 6 Bone Graft Substitutes
MONO 7 Physics and Chemistry of Micro-Nanotribology
MONO 9 Spectroscopic Analysis of Petroleum Products and Lubricants

PUBLICATIONS DISTRIBUTED BY ASTM ISO

ISO 5359 Low-Pressure Hose Assemblies for Use with Medical Gases
ISO 5360 Anesthetic Vaporizers—Agent-Specific Filling Systems
ISO 5361 Anaesthetic and Respiratory Equipment—Tracheal Tubes and Connectors
ISO 5362 Anaesthetic Reservoir Bags
ISO 5366.1 Anaesthetic and Respiratory Equipment—Part 1: Tracheostomy Tubes and Connectors for Use in Adults
ISO 5366.3 Anaesthetic and Respiratory Equipment—Part 3: Pediatric Tracheostomy Tubes
ISO 10079.1 Medical Suction Equipment—Part 1: Electrically Powered Suction Equipment
ISO 10079.2 Medical Suction Equipment—Part 2: Manually Powered Suction Equipment I
ISO 10079.3 Medical Suction Equipment—Part 3: Suction Equipment Powered from a Vacuum or Pressure Source
ISO 11195 Gas Mixers for Medical Use—Stand-alone Gas Mixers

ISO17025-05 General Requirements for the Competence of Testing and Calibration Laboratories

ISO/ASTM 51204 Standard Practice for Dosimetry in Gamma Irradiation Facilities for Food Processing

ISO/ASTM 51205 Standard Practice for Use of a Ceric-Cerous Sulfate Dosimetry System

ISO/ASTM 51261 Standard Guide for Selection and Calibration of Dosimetry Systems for Radiation Processing

ISO/ASTM 51275 Standard Practice for Use of a Radiochromic Film Dosimetry System

ISO/ASTM 51276 Standard Practice for Use of a Polymethylmethacrylate Dosimetry System

ISO/ASTM 51310 Standard Practice for Use of a Radiochromic Optical Waveguide Dosimetry System

ISO/ASTM 51400 Standard Practice for Characterization and Performance of a High-Dose Radiation Dosimetry Calibration Laboratory

ISO/ASTM 51401 Standard Practice for Use of a Dichromate Dosimetry System

ISO/ASTM 51431 Standard Practice for Dosimetry in Electron and Bremsstrahlung Irradiation Facilities for Food Processing

ISO/ASTM 51538 Standard Practice for Use of the Ethanol-Chlorobenzene Dosimetry System

ISO/ASTM 51539 Standard Guide for Use of Radiation-Sensitive Indicators

ISO/ASTM 51540 Standard Practice for Use of a Radiochromic Liquid Dosimetry System

ISO/ASTM 51607 Standard Practice for Use of the Alanine-EPR Dosimetry System

ISO/ASTM 51608 Standard Practice for Dosimetry in an X-Ray (Bremsstrahlung) Facility for Radiation Processing

ISO/ASTM 51631 Standard Practice for Use of Calorimetric Dosimetry Systems for Electron Beam Dose Measurements and Routine Dosimeter Calibration

ISO/ASTM 51649 Standard Practice for Dosimetry in an Electron Beam Facility for Radiation Processing at Energies Between 300 keV and 25 MeV

ISO/ASTM 51650 Standard Practice for Use of Cellulose Acetate Dosimetry Systems

ISO/ASTM 51702 Standard Practice for Dosimetry in a Gamma Irradiation Facility for Radiation Processing

ISO/ASTM 51707 Standard Guide for Estimating Uncertainties in Dosimetry for Radiation Processing

ISO/ASTM 51818 Standard Practice for Dosimetry in an Electron Beam Facility for Radiation Processing at Energies Between 80 and 300 keV

ISO/ASTM 51900 Standard Guide for Dosimetry in Radiation Research on Food and Agricultural Products

ISO/ASTM 51939 Standard Practice for Blood Irradiation Dosimetry

ISO/ASTM 51940 Standard Guide for Irradiation of Insects for Sterile Release Programs

ISO/ASTM 51956 Standard Practice for Use of Thermoluminescence-Dosimetry (TLD) Systems for Radiation Processing

ISO/ASTM 52116 Standard Practice for Dosimetry for a Self-Contained Dry-Storage Gamma-Ray Irradiator

ISO 4135 Anaesthetic and Respiratory Equipment—Vocabulary

ISO Standards Handbooks—Fasteners and Screw Threads: Volumes 1 & 2 (CD-ROM)

MIL 17 Composite Materials Handbook (Print or CD)†

REFERENCE RADIOGRAPHS

RRE155CS Reference radiographs for inspection of aluminum and magnesium castings (Vols I and II)

RRE015501 Vol I—23 plates, Aluminum and magnesium

RRE015502 Vol II—4 plates, Magnesium

RRE0186CS Reference radiographs for heavy-walled (w to 4 1/2) steel castings (Vols I, II, III)

RRE018601 Vol I— 28 plates, 1-MV X-ray and Iridium-192

RRE018602 Vol II—28 plates, 2-MV X-ray and Cobalt-60

RRE018603 Vol II—28 plates, 4-30 MV X-ray

RRE0192 Reference radiographs of investment steel castings for aerospace applications (16 radiographs)

RRE0242 Reference radiographs for appearance of radiographic images as certain parameters are changed (4 figs., include 36 radiographs)

RRE0272 Reference radiographs for high-strength copper-based and nickel-copper alloy castings (45 radiographs)

RRE0280CS Reference radiographs for heavy-walled 4 1/2 to 12 in. steel castings (Vols I and II)

RRE028001 Vol I—28 plates, 2-MV X-ray and Cobalt-60

RRE028002 Vol II—28 plates, 4 to 30-MV X-ray

RRE0310 Reference radiographs for tin bronze castings (22 radiographs)

RRE0390CS Reference radiographs for steel fusion welds (Vols I, II, and III)

RRE039001 Vol I—16 plates, to 1/4 in.

RRE039002 Vol II— 29 plates, Over 1/4 - 3 in.

RRE039003 Vol III—32 plates, Over 3 - 8 in. Reference radiographs for steel castings to 2 in.

RRE044601 Vol I— 34 Plates, 250-KVP X-ray

RRE044602 Vol II—34 Plates, 1-MV X-ray and Iridium-192

RRE044603 Vol III—34 Plates, 2 to 4-MV X-rays and Cobalt 60

RRE0446CS Combination of Vols I, II, and III

RRE0505 Reference radiographs for inspection of Aluminum and Manganese die castings (5 radiographs)

RRE0592 Guide for Equivalent Pentrameter Sensitivity Between X-rays and Cobalt-60

RRE0802CS Reference radiographs for gray iron castings 4 1/2 in. (4-mm) thickness (Vols 1, II, and III)

RRE080201 Vol I—medium voltage, set of 5 severity levels

- RRE080202 Vol II—iridium-192, set of 5 severity levels
- RRE080203 Vol III—cobalt-60, set of 5 severity levels
- RRE1320CS Reference radiographs titanium castings Vols I & II
- RRE132001 Reference radiographs for titanium castings (Vol I)
- RRE132002 Reference radiographs titanium castings (Vol II)
- RRE1648 Reference radiographs fore xamination of aluminum fusion welds
- RRE2422 Adjunct digital reference images for inspection of aluminum castings (DVD)
- RRE2660 Digital reference images for investment steel castings for aerospace applications
- RRE2669 Digital reference images for titanium castings

RETROSPECTIVE

Zirconium Production and Technology: The Kroll Papers 1975-2010 (Retrospective 2)

SPECIAL TECHNICAL PUBLICATIONS

Technical books reporting on new testing techniques and their applications. All STPs peer-reviewed.

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- 2 Selected Standard Specifications for Steel and Steel Products (In English, German, French, and Spanish)†
- 3 Reports of the Committee on Preservative Coatings for Structural Materials†
- 4 Data Considered by Committee C-1 in Preparing the Standard Specifications and Tests for Portland Cement (First and Second Reports of The Joint Conference on Uniform Methods of Tests and Standard Specifications for Cement)†
- 5 Report of the Joint Committee on Standard Specifications for Concrete and Reinforced Concrete†
- 5A Report of the Joint Committee on Standard Specifications for Concrete and Reinforced Concrete, Recommended Practice and Standard Specifications for Concrete and Reinforced Concrete†
- 6 Annotated Bibliography on Impact Testing (Special Mimeograph Pamphlet)†
- 7 The Significance of Tests of Petroleum Products (Reprinted from 1928 Proceedings but included here because it represents the first of a series)†
- 7A The Significance of Tests of Petroleum Products†
- 7B Significance of Tests of Petroleum Products†
- 8 Glossary of Definitions of Terms appearing in ASTM Standards and Tentative Standards (Special Mimeograph Pamphlet)†
- 9 Abstracts of Articles on Fatigue of Metals Under Repeated Stress Appearing in the Technical Press from July 1, 1928 to June 30, 1929†
- 9A Abstracts of Articles on Fatigue of Metals Under Repeated Stress Appearing in the Technical Press

- from July 1, 1929 to June 30, 1930†
- 9B to 9L Abstracts and Bibliographies for 1950 to 1960†
- 9AA Five-Year Bibliography on Fatigue (1950–1954)†
- 9BB Five Year Bibliography on Fatigue†
- 9O 1964 References on Fatigue†
- 9P References on Fatigue†
- 10 Symposium on Developments in Automotive Materials†
- 11 Symposium on Welding†
- 12 Symposium on Effect of Temperature on the Property of Metals†
- 13 Symposium on Rubber†
- 14 Joint Committee on Test Methods and Forms†
- 15 ASTM Manual on Presentation of Data (With Tables of Squares and Square Roots)† 15A Second Printing-Including Supplements A and B†
- 15B Third Printing†
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- 17 Symposium on the Outdoor Weathering of Metals and Metallic Coatings†
- 18 Symposium on Paint and Paint Materials†
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- 22-A Report on Significance of Tests of Concrete and Concrete Aggregates (Second Edition)†
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- 27 Proposed Methods of Analysis of Industrial Waters†
- 28 Symposium on Radiography and X-ray Diffraction†
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- 30 Symposium on Wear of Metals†
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- 33 Symposium on Correlation Between Accelerated Laboratory Tests and Service Tests on Protective and Decorative Coatings†
- 34 Symposium on Consistency†
- 35 Symposium on Plastics†
- 36 Symposium on Protecting Metals Against Corrosion†
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- 38 Standard Specifications for Gypsum Plastering (Published Jointly with the American Institute of Architects)†
- 38A Second Printing†
- 39 Symposium on Thermal Insulating Materials†
- 40 Symposium on Lime†

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- 41A Index to the Literature on Spectrochemical Analysis 1920–1939†
- 41B Index to the Literature on Spectrochemical Analysis, Part II, 1940–1945†
- 41C Index to the Literature on Spectrochemical Analysis, Part III, 1946–1950†
- 41D Index to the Literature on Spectrochemical Analysis, Part IV, 1951–1955†
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- 43 Conversion Tables for Kinematic and Savbolt Universal Viscosities†
- 43A Viscosity Tables for Kinematic Viscosity Conversions and Viscosity Index Calculations†
- 43B Second Printing†
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- 48 X-ray Diffraction Data Cards for Chemical Analysis, with Alphabetical and Numerical Indexes (Section 1)†
- 48A Supplementary Cards (Section 2)†
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