INNOVATING NUCLEAR TECHNOLOGY
ANALYSIS AND MEASUREMENT SERVICES CORPORATION

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LIST OF AMS PROCEDURES

As of October 2026

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Reviewed By

10/07/2026
Date

Informational copies of specific procedures referenced in this listing can be obtained by contacting the AMS QA Department by e-mail at: qa@ams-corp.com or phone at: (865) 691-1756.

1. QA ADMINISTRATION

Procedure #	Description	Revision Date
AMR1501R1	Procedure for the Annual Management Review of the AMS Quality Assurance Programs	September 2019
AUD8601R9	Procedure for Quality Assurance Audits	March 2025
CAA1901R0	Capital Assets Acquired Under Federally Funded Projects	March 2019
CAT9201R10	Procedure for Producing and Tracking Condition Reports and Corrective Action	July 2025
CDR8601R11	Procedure for Control of Documents and QA Records	October 2025
CFB1401R3	Procedure for Obtaining Customer Feedback from Work Performed by AMS	August 2025
CGC1110R6	Procedure for the Dedication of Accredited Commercial Calibration Services	May 2026
EDM0001R8	Procedure for Equipment Design or Modification	July 2026
GRS8401R13	General Procedure for Receiving, Storage, and Shipping	August 2024
HPO8601R17	Procedure for Handling Purchase Orders	March 2026
IAP1401R4	Procedure for the Annual Internal Audit of the AMS ISO/IEC 17025 Testing Laboratory	January 2025
NCP8401R10	Procedure for Identification and Control of Nonconforming Activities and Items	August 2025
PBU0001R2	Guidelines for Backup of Essential Software and Other Essential Information on the AMS Network System	December 2014
PDC8701R0	Procedure for Design Control	February 1987
PES8301R11	Procedure for Evaluation of AMS Suppliers of Quality-Related Components and Services	August 2025
POR8901R11	Procedure for Routing of Customer Purchase Orders & Contracts	August 2025
PQP8501R15	Personnel Qualification Procedure	July 2021
PRR1401R3	Procedure for Producing AMS Final Reports	June 2020
PWP8401R9	Procedure for Writing Procedures and Manuals	November 2019

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1. QA ADMINISTRATION

Procedure #	Description	Revision Date
QAD0901R2	Qualification of Internal Auditors and Lead Auditors to Perform Audits of and for the AMS Quality Assurance Program	April 2022
QAM0101R12	Analysis and Measurement Services Corporation Quality Assurance Manual	January 2021
SCM0101R4	Software Configuration Management Plan for Analysis and Measurement Services Corporation	May 2014
SDC8601R10	Procedure for Computer Software and Data Control	August 2016
SDM9201R8	Procedure for Software Development or Modification	August 2016
TCR8901R9	Administration of 10 CFR Part 21 Requirements	July 2025
TSM2001R0	Procedure for Daily Timesheet Maintenance	April 2020

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2. MISCELLANEOUS

Procedure #	Description	Revision Date
AFL1701R0	Procedure for As-Found/As-Left Analysis of Transmitter Calibration Data	May 2017
APR8901R0	Procedure for Annealing of Platinum RTDs	October 1989
CASP9501R0	Procedure for Annealing of Standard Platinum Resistance Thermometers	January 1995
DAC9201R2	Procedure for the Detailed Analysis of Cross Calibration Data	November 1993
DHP0101R0	Procedure for Receiving, Handling and Storing of On-Line Monitoring Data	November 2001
DHP1102R1	Procedure for Receiving, Handling, and Storing of As-Found As-Left Calibration Data	December 2012
ETC9601R0	ETC-3 Functionality Procedure	January 1996
LDA8601R2	Procedure for LCSR Data Analysis	March 2021
NAR2201R2	Procedure for Performing Dynamic Failure Mode Assessment Using Noise Analysis	September 2025
NAR9201R5	Procedure for Determining Sensor Response Time Results from Noise Analysis	October 2021
OLM2202R1	Procedure for Performing Online Monitoring Data Qualification and Analysis	August 2024
PIA8901R1	Analysis Procedure for Power Interrupt Test Data	July 1990
RAN9701R0	In-Situ Annealing of RTDs as Installed in an Operating Process	June 1997
RCC8901R5	General Procedure for In-Plant RTD Cross Calibration in Pressurized Water Reactors	July 1993
RVF8401R0	AMS Procedure for Resistance Thermometer Time Constant vs. Flow Characterization	December 1985
SPC0101R0	Cross Calibration of Primary Coolant RTDs (Data Acquired at Separate Locations)	August 2001
SPW9101R2	Cross Calibration of Primary Coolant RTDs at Waterford Nuclear Power Plant	February 1994
TCP2601R0	Procedure for Thermal Conditioning of Platinum RTDs	January 2026

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2. MISCELLANEOUS

Procedure #	Description	Revision Date
TFM0001R2	RCS Flow Measurement Using AMS EFM Transit Time Flowmeter	September 2024
TIN9501R0	Procedure for Tinning Wire	January 1995

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3. CALIBRATION

Procedure #	Description	Revision Date
01A9301R1	Operability and Calibration Check of the HP 34401A DMM	October 2011
2871301R0	Operability and Calibration Check for the Fluke 287 Multimeter	May 2013
57A9201R3	Operability and Calibration Check for the HP 3457A Multimeter	October 2011
A340501R4	Operability and Calibration Check of the Agilent 34970A DMM/Switch Unit	June 2018
ARD0001R4	AMS Automated Rod Drop Equipment Calibration Check Procedure	October 2011
ARD1201R1	AMS DDS-1 DRPI Coil Diagnostic Calibration Check Procedure	March 2021
CAD9701R4	National Instruments Analog-To-Digital Converter Calibration Check Procedure	October 2011
CDA1501R0	National Instruments Digital-To-Analog Converter Calibration Check Procedure	September 2016
CDG2501R0	AMS Diesel Generator Tuning System (DGT-1) Calibration Procedure	July 2025
CDM1501R0	AMS CEDM Control Element Drive Mechanism System Calibration Check Procedure	July 2015
CDS2101R0	AMS Coil Diagnostics Monitoring System (CDS-1) Calibration Check Procedure	October 2021
CER0101R4	Procedure for Calibrating ERT-3	October 2011
CFM1501R1	Operability and Calibration Check for the Fluke 187 Multimeter	February 2016
CHV2501R0	Calibration and Harmonics Verifications for IEC 61000-4-3, IEC 61000-4-6, and IEC 61000-4-16	January 2025
CLM0601R2	Operability and Calibration Check for the Agilent 4263A, 4263B and Fluke PM6304 LCR Meters	October 2011
CMS1201R5	Operability and Calibration Check for the CHAR 2012 Cable Condition Monitoring System	September 2018
CRD1401R0	AMS CRDM Voltage Test Unit Calibration Check Procedure	March 2014

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3. CALIBRATION

Procedure #	Description	Revision Date
CSP9301R3	Procedure for the Calibration Check of Standard Platinum Resistance Thermometers	May 2020
CTE1701R0	Time Events Analyzer (TEA) Calibration Check Procedure	September 2017
CTE2201R0	Time Events Analyzer (TEA-2) Calibration Procedure	August 2022
CTE2301R0	Time Events Analyzer (TEA-3) Calibration Procedure	September 2023
CTH9401R1	Procedure for the Calibration Check of a Temperature/Humidity Recorder	April 2009
CUF2501R0	Calibration of a Uniform Field Area (UFA) for IEC 61000-4-3 Testing	January 2025
DAS0101R5	Procedure for Calibrating ELC	May 2017
DIA1701R1	Procedure for Performing Dial Indicator Calibration	October 2025
EAB1701R0	Procedure for Performing Elongation at Break Calibration	January 2017
EIB2101R0	AMS EIB-5 Equipment Calibration Check Procedure	July 2021
EIB2601R0	AMS EIB-6 Equipment Calibration Check Procedure	April 2026
EIS9401R2	Operability and Calibration Check of the AMS Model EIS-1 Isolation Amplifier	February 2017
ENT1001R3	AMS Model ENT Calibration Check Procedure	August 2014
ERD0401R1	AMS ERD-3 Rod Drop Equipment Calibration Check Procedure	October 2011
ERD1001R2	AMS ERD-4 Rod Drop Equipment Calibration Check Procedure	October 2017
ERT9701R4	Procedure for Calibration of the ERT-2	October 2011
F571601R0	Calibration Procedure for Fluke Model 5730A Calibrator	March 2016

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3. CALIBRATION

Procedure #	Description	Revision Date
GDC1201R0	AMS EGC-3 Gray Code Rod Drop Equipment Calibration Check Procedure	May 2012
GPC9201R5	General Procedure for the Calibration and Use of Measurement and Test Equipment	September 2020
HP589101R5	Calibration of the HP 3458A Digital Multimeter	July 2019
HVP0601R2	Operability and Calibration Check for the Fluke 80K-6 High Voltage Probe	September 2015
IDC1801R0	AMS Model MID-1 Calibration Check Procedure	June 2018
ILC1901R3	Calibration Procedure for the Verification / Characterization of Insertion Loss for Testing Purposes	January 2025
IRM0801R1	Operability and Calibration Check for the Agilent 4339B Insulation Resistance Meter	October 2011
KDD2501R0	Operability and Calibration Check of the Keysight DAQ973A Data Acquisition System	August 2025
MEG0401R1	Operability and Calibration Check for the BMM2500 Megger	October 2011
MIR9706R2	Procedure for Calibration of Quadtec Model 1865 Megohmmeter/IR Tester	April 2014
NIC2301R0	National Instruments 9229/9239 Analog-to-Digital Converter Calibration Check Procedure	May 2023
OLM0901R3	Procedure for Calibration Check of AMS OLM Noise Data Acquisition Equipment	February 2013
PAM0601R3	Operability and Calibration Check of the Keithley Picoammeter	October 2011
PCS9201R3	Procedure for the Calibration of Standard Resistors and Decade Boxes	February 2016
PIC1701R0	Procedure for Indenter Polymer Aging Monitor 4 (IPAM 4) Calibration of Safety-Related and Commercial (Non-Safety-Related) Items and Services Using IPAM4 Equipment	January 2017
PIC1702R2	Calibration Procedure for the Indenter Polymer Aging Monitor 5 (IPAM 5)	September 2026

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3. CALIBRATION

Procedure #	Description	Revision Date
PRC8601R2	Procedure for Calibration of RTDs	October 2011
PSH0601R2	Operability and Calibration Check for the Keithley High Voltage Power Supply	March 2017
RPI1002R1	AMS RPI-4 Data Acquisition System Equipment Calibration Check Procedure for ARPI Rod Drop	October 2023
RPT1501R2	Operability and Calibration Check for the AMS RPT-2 Test Equipment	February 2020
TDS0810R1	Operability and Calibration Check for the Tektronix TDS1000B and TDS200 Series Oscilloscopes	October 2011
TSQ2201R0	Calibration Procedure for the TESEQ NSG3060 Surge Generator and CDN3061 Coupling/Decoupling Network for IEC 61000-4-4, IEC 61000-4-5, and IEC 61000-4-12	June 2022
TTF0001R5	AMS TTFM Test Equipment Calibration Check Procedure	September 2024
USB0901R1	National Instruments USB-6009 Calibration Check Procedure	November 2010

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4. TEST

Procedure #	Description	Revision Date
ARD0901R2	Procedure for Measurement of DRPI Coil Signals of Control and Shutdown Rods in Westinghouse PWRs with DRPI Power-On	May 2012
ARP0801R7	Procedure for Automated Measurement of Rod Drop Times in Westinghouse (ARPI) PWRs	July 2025
ARP2401R1	Procedure for RPI Hot Calibration in Westinghouse (ARPI) PWRs	November 2024
CAA1701R3	Procedure for Performing Aging Assessments of Cables and Materials	February 2023
CCT1001R3	Procedure for Diagnostic Testing of Westinghouse, Combustion Engineering, and Babcock & Wilcox Nuclear Instrumentation System Cables and Detectors using AMS/CHAR Equipment	August 2015
CED1401R0	Procedure for Testing the Control Element Drive Mechanism (CEDM) in Combustion Engineering PWRs	November 2014
CIV0901R0	Procedure for Current-To-Voltage Testing of Gamma Metrics Nuclear Instrumentation	January 2009
CPH1501R0	Procedure for Diagnostic Testing of Pressurizer Heater Circuits using AMS/CHAR Equipment	January 2015
CPT1901R0	Procedure for Coil Polarity Testing of the Control Rod Drive Mechanisms (CRDM)	August 2019
CRD0801R1	Procedure for Testing the Control Rod Drive Mechanism (CRDM) Cables in Westinghouse PWRs	November 2008
CRD9301R5	Procedure for Testing the Control Rod Drive Mechanism (CRDM) in Westinghouse PWRs	April 2023
CRS0601R3	Procedure for Analysis of On-Line Calibration Monitoring Data of Pressure, Level, and Flow Transmitters	October 2020
CTR0101R0	RTD Cold Tests to Verify Proper Installation for Yielding Optimum Response Time at NOP/NOT	September 2001
DCH1401R1	Procedure for Testing the Rod Control DC Hold Circuitry in Westinghouse PWRs	October 2026
DCT1101R1	Procedure for Diagnostic and Condition Monitoring Testing of Cable and Systems Using CHAR (2000, 2003, 2010, 2012) Systems	June 2014

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4. TEST

Procedure #	Description	Revision Date
DEN1701R2	Procedure for Performing Density Testing	November 2020
DGT2501R2	Procedure for Functional Testing and Tuning of the Woodward 2301A Electronic Load Sharing and Speed Control using the AMS Diesel Generator Tuning System (DGT-1)	April 2026
DGQ2601R0	Procedure for Functional Testing of the Emergency Diesel Generators at NPPs using the AMS Diesel Generator Test System (DGQ-1)	January 2026
DSC1701R0	Procedure for Performing Differential Scanning Calorimetry Testing	January 2017
DTR1201R0	Procedure for Diagnostic Testing of Resistance Temperature Detector Cables Using AMS/CHAR Equipment	March 2012
ERD0001R7	Procedure for Automated Measurement of Drop Times of Control and Shutdown Rods in Westinghouse PWRs with DRPI Power-On	July 2026
ERD9901R0	Procedure for Automated Measurement of Drop Times of Control and Shutdown Rods in Westinghouse PWRs using the AMS ERD Rod Drop Test Equipment	March 1999
FDR2001R0	Procedure for Diagnostic Testing and Aging Evaluation of Cables and Systems Using the CAGE 2020 System	June 2020
GCR0001R2	Procedure for Automated Measurement of Drop Times of Control and Shutdown Rods in Westinghouse PWRs Using Gray-Code Signals	October 2025
HNC1901R0	Procedure for High Bandwidth Noise Data Collection on the AMS Flow Loop	April 2019
IDT1801R0	Procedure for Testing the Movable Incore Detector System (MIDS) Using the AMS Model MID-1	June 2018
KLS1601R0	Procedure for Khrone BM26 Liquid Level Detection Sensor Noise Data Collection	December 2016
MCD2101R0	Procedure for MRPI Coil Diagnostic Measurements of Control and Shutdown Rods in Westinghouse PWRs	June 2021
MRP2001R0	Procedure for Automated Measurement of Drop Times of Control and Shutdown Rods in Westinghouse PWRs with MRPI Power-On	April 2020

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4. TEST

Procedure #	Description	Revision Date
NGE1501R0	Procedure for Diagnostic Testing of Nuclear Instrumentation System Cables in General Electric BWR Plants Using AMS/CHAR Equipment	June 2015
NPS1501R2	Procedure for Noise Data Collection from Plant Sensors	September 2025
OLM2201R0	Procedure for Online Monitoring Data Retrieval	December 2022
PCC1101R0	General Procedure for Plant Computer RTD and Thermocouple Cross Calibration in Pressurized Water Reactors	October 2011
PCT9501R2	Procedure for Diagnostic Testing of Electrical/ Electronic Cables	July 2003
PEC8401R12	Procedure for Pre-Trip Equipment Checkout	July 2020
PIT1201R1	Procedure for Indenter Testing of Nuclear Cables Using AMS/CHAR Equipment	February 2018
PIT9501R6	General Procedure for In-Plant Testing	September 2016
PLR8301R10	Procedure for LCSR Testing of RTDs using AMS Model ERT Response Time Test Instrument	January 2020
PNG0201R3	Procedure for Response Time Testing of Pressure Transmitters Using the AMS Model PNG (PNG-1 or PNG-2)	February 2025
PRT8302R0	Procedure for In-Situ Measurement of RTD Insulation Resistance	June 1983
PSC9901R0	Procedure for Detection of Sensing Line Blockages Using AMS PSD Comparator	January 1999
PSR8301R7	Procedure for Self Heating Testing of RTDs	August 2025
PTM8201R4	AMS Procedure for Resistance Thermometer Time Constant Measurement Using Plunge Test Method	February 2013
RCT0601R0	General Procedure for In-Plant RTD Leadwire Measurements in Pressurized Water Reactors	February 2006
RCT9301R16	General Procedure for In-Plant RTD and Thermocouple Cross Calibration in Pressurized Water Reactors	January 2026

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4. TEST

Procedure #	Description	Revision Date
RDM9401R1	Procedure for Automated Measurement of Drop Times of Control and Shutdown Rods in Westinghouse PWRs (Modified DRPI)	August 1995
RDP9301R3	Procedure for Automated Measurement of Drop Times of Control and Shutdown Rods in Westinghouse PWRs	September 1996
RPT1601R0	Procedure for Power Interrupt Response Time Testing of Force-Balance Pressure Transmitters in Nuclear Power Plants Using RPT-2	September 2016
RPT8501R6	Procedure for Power Interrupt Response Time Testing of Force-Balance Pressure Transmitters in Nuclear Power Plants	March 2014
SCY0201R2	Procedure for Testing the Logic Cabinet Slave Cycler Timing and Sequencing in Westinghouse PWRs	March 2023
SPC9201R3	AMS Procedure for Determining the Uncertainty of RTD and Thermocouple Cross Calibration Results	November 1993
SPL9201R0	Determining Leadwire Imbalances in Three-Wire RTDs	March 1992
SRD1501R0	Procedure for Automated Measurement of Drop Times of Control and Shutdown Rods in Westinghouse PWRs Using Stationary Gripper Decay Trigger	August 2015
SRT0101R9	Ramp Testing of Pressure Transmitters Using the SG-1M Ramp Test Unit	February 2026
SRT0801R0	Procedure for Operability Testing of Pressure Transmitters Using the SG-1M Ramp Test Unit	December 2008
TCT8801R0	Thermocouple Loop Current Step Response Test Procedure	June 1988
TDT2601R0	Procedure for Tan Delta Testing of Cable Systems	January 2026
TEA1701R0	Procedure for Testing the Emergency Safeguards System Using the Time Events Analyzer	September 2017
TEA2201R0	Procedure for Responses Time Testing Using the Time Events Analyzer 2 (TEA-2)	August 2022

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4. TEST

Procedure #	Description	Revision Date
TEA2301R0	Procedure for Response Time Testing Using the Time Events Analyzer 3 (TEA-3)	September 2023
TPM2301R0	Thermal Power Measurement and Heat Balance Calculation	September 2023

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5. EMC

Procedure #	Description	Revision Date
AMP2101R0	Amplifier Maintenance Procedure	January 2022
CMI2501R0	Procedure for the Common Mode Impedance and Insertion Loss Verifications of the CDNs	January 2025
CNV1301R1	Procedure for Performance Verification of IEC 61000-4-16 1uF, 100 by OHM Coupling Networks	October 2019
ECF1301R2	Procedure for the Generation and Control of Equipment Correction Factors	September 2023
EIC2601R0	Procedure for Intra-Laboratory Comparison of EMC Emissions Qualification Testing	July 2026
EIT1201R1	Procedure for EMI/RFI Troubleshooting	September 2016
EMC1301R8	General Procedure for Electromagnetic Compatibility Testing	February 2026
EMC1401R4	Guidelines for Electromagnetic Compatibility Testing	September 2026
GIT1301R0	General Procedure for In-situ Radiated Immunity Testing of Nuclear Power Plant Equipment	February 2013
ILF1901R0	Procedure for Verification / Characterization of Impedance of Ferrites	June 2019
ILP1201R5	Procedure for Verification/Characterization of Insertion Loss	August 2026
MEC1401R4	Procedure for Maintenance of EMC Chambers	May 2026
MLI1301R1	Procedure for the Measurement of Line Impedance Stabilization Network (LISN) Impedance	January 2025
PAS1501R0	Procedure for Referencing A2LA Accredited Status	July 2015
PER1901R1	Procedure for Evaluating and Mitigating Risks to the Impartial Evaluation of Data Used for Compliance Determination	August 2025
PEU1301R0	Procedure for the Estimation of Uncertainty	March 2013

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5. EMC

Procedure #	Description	Revision Date
TPD1401R0	General Procedure for Developing Test and Troubleshooting Plans	May 2014
TSV2501R0	Procedure for the Documentation of the 3 Meter Chamber Configuration During Test Site Validation	January 2025

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5. EMC

STANDARDS USED

Standard #	Description
	U.S. Nuclear Regulatory Commission
Reg. Guide 1.180, Rev. 1	Guidelines for Evaluating Electromagnetic and Radio-Frequency Interference in Safety-Related Instrumentation and Control Systems.
Reg. Guide 1.180, Rev. 2	Guidelines for Evaluating Electromagnetic and Radio-Frequency Interference in Safety-Related Instrumentation and Control Systems.
	Electric Power Research Institute
TR-102323-R1	Guidelines for Electromagnetic Interference Testing in Power Plants, Revision 1.
TR-102323-R2	Guidelines for Electromagnetic Interference Testing in Power Plants, Revision 2.
TR-102323-R3	Guidelines for Electromagnetic Interference Testing in Power Plants, Revision 3.
TR-102323-R4	Guidelines for Electromagnetic Interference Testing in Power Plants, Revision 4.
TR-102323-R5	Guidelines for Electromagnetic Interference Testing in Power Plants, Revision 5.
	U.S. Department of Defense
MIL-STD-461E	Requirements for the Control of Electromagnetic Interference Characteristics of Subsystems and Equipment.
MIL-STD-461F	Requirements for the Control of Electromagnetic Interference Characteristics of Subsystems and Equipment.
MIL-STD-461G	Requirements for the Control of Electromagnetic Interference Characteristics of Subsystems and Equipment.
	International Electrotechnical Commission (IEC)
ISO/IEC 17025 (2017)	General Requirements for the Competence of Testing and Calibration Laboratories.
IEC 61000-4-2 (1999, 2008, 2025)	Electromagnetic Compatibility (EMC) Part 4-2: Testing and Measurement Techniques – Electrostatic Discharge Immunity Test.
IEC 61000-4-3 (1995, 1998, 2010, 2020)	Electromagnetic Compatibility (EMC) Part 4-3: Testing and Measurement Techniques – Radiated, Radio-Frequency, Electromagnetic Field Immunity Test.
IEC 61000-4-4 (1995, 2012)	Electromagnetic Compatibility (EMC) Part 4-4: Testing and Measurement Techniques – Electrical Fast Transient/Burst Immunity Test.

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5. EMC

STANDARDS USED

Standard #	Description
IEC 61000-4-5 (1995, 2014, 2014 / AMD1: 2017 CSV)	Electromagnetic Compatibility (EMC) Part 4-5: Testing and Measurement Techniques – Surge Immunity Test.
IEC 61000-4-6 (1996, 2013, 2023)	Electromagnetic Compatibility (EMC) Part 4-6: Testing and Measurement Techniques – Immunity to Conducted Disturbances, Induced by Radio-Frequency Fields.
IEC 61000-4-8 (1993, 2009)	Electromagnetic Compatibility (EMC) Part 4-8: Testing and Measurement Techniques – Power-Frequency Magnetic Field Immunity Test.
IEC 61000-4-9 (1993, 2001, 2016)	Electromagnetic Compatibility (EMC) Part 4-9: Testing and Measurement Techniques – Pulse Magnetic Field Immunity Test.
IEC 61000-4-10 (1993, 2001, 2016)	Electromagnetic Compatibility (EMC) Part 4-10: Testing and Measurement Techniques – Damped Oscillatory Magnetic Field Immunity Test.
IEC 61000-4-12 (1993, 1995, 2006, 2017)	Electromagnetic Compatibility (EMC) Part 4-12: Testing and Measurement Techniques – Ring Wave Immunity Test.
IEC 61000-4-13 (1998, 2002 / AMD1: 2009 / AMD2: 2015 CSV)	Electromagnetic Compatibility (EMC) Part 4-13: Testing and Measurement Techniques – Harmonics and Interharmonics Including Mains Signaling at A.C. Power Port, Low Frequency Immunity Tests.
IEC 61000-4-16 (1998, 2002, 2011, 2015)	Electromagnetic Compatibility (EMC) Part 4-16: Testing and Measurement Techniques – Test for Immunity to Conducted, Common Mode Disturbances in the Frequency Range 0 Hz to 150 Hz.
IEC 61000-4-20 (2003, 2010, 2012, 2022)	Electromagnetic Compatibility (EMC) Part 4-20: Testing and Measurement Techniques – Emission and Immunity Testing in Transverse Electromagnetic (TEM) Waveguides.
IEC 61000-6-4 (2006, 2018)	Electromagnetic Compatibility (EMC) Part 6-4: Generic Standards - Emission Standard for Industrial Environments.
IEC 62003 (2009, 2020)	Nuclear Power Plants – Instrumentation and Control Important to Safety – Requirements for Electromagnetic Compatibility Testing.
IEC CISPR 11 (2004, 2015, 2024)	Industrial, Scientific and Medical Equipment – Radio-Frequency Disturbance Characteristics – Limits and Methods of Measurement.
IEC CISPR 14-1 (2002, 2020)	Electromagnetic Compatibility – Requirements for Household Appliances, Electric Tools and Similar Apparatus – Part 1: Emission.

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5. EMC

STANDARDS USED

Standard #	Description
IEC CISPR 16-1-1 (2003, 2015, 2019)	Specification for Radio Disturbance and Immunity Measuring Apparatus and Methods – Part 1-1: Radio Disturbance and Immunity Measuring Apparatus – Measuring Apparatus.
IEC CISPR 16-1-2 (2003, 2014/AMD1:2017 CSV)	Specification for Radio Disturbance and Immunity Measuring Apparatus and Methods – Part 1-2: Radio Disturbance and Immunity Measuring Apparatus – Coupling Devices for Conducted Disturbance Measurements.
IEC CISPR 16-1-4 (2010/AMD1:2012/AMD2:2017 CSV, 2019/AMD1:2020/AMD2:2023 CSV, 2025)	Specification for Radio Disturbance and Immunity Measuring Apparatus and Methods – Part 1-4: Radio Disturbance and Immunity Measuring Apparatus – Antennas and Test Sites for Radiated Disturbance Measurements.
IEC CISPR 16-1-6 (2014/AMD1:2017/AMD2:2022 CSV)	Specification for Radio Disturbance and Immunity Measuring Apparatus and Methods – Part 1-6: Radio Disturbance and Immunity Measuring Apparatus – EMC Antenna Calibration.
IEC CISPR 16-2-1 (2003, 2014/AMD1:2017)	Specification for Radio Disturbance and Immunity Measuring Apparatus and Methods – Part 2-1: Methods of Measurement of Disturbances and Immunity – Conducted Disturbance Measurements.
IEC CISPR 16-2-3 (2016/AMD1:2019/AMD2:2023 CSV)	Specification for Radio Disturbance and Immunity Measuring Apparatus and Methods – Part 2-3: Methods of Measurement of Disturbances and Immunity – Radiated Disturbance Measurements.
IEC CISPR 16-4-2 (2011/AMD1:2014/AMD2:2018)	Specification for Radio Disturbance and Immunity Measuring Apparatus and Methods - Part 4-2: Uncertainties, Statistics and Limit Modelling - Measurement Instrumentation Uncertainty
IEC CISPR 22 (1993, 1997, 2008)	Information Technology Equipment – Radio Disturbance Characteristics – Limits And Methods Of Measurement
IEC CISPR 32 (2015/AMD1:2019 CSV)	Electromagnetic Compatibility of Multimedia Equipment – Emission Requirements.
Institute of Electrical and Electronics Engineers	
IEEE C62.45 (1992, 2002)	IEEE Guide on Surge Testing for Equipment Connected to Low-Voltage AC Power Circuits.
IEEE C62.41 (1991)	IEEE Guide on Surge Testing for Equipment Connected to Low-Voltage AC Power Circuits.
IEEE C62.41.1 (2002)	IEEE Guide on the Surge Environment in Low Voltage (1000 V and Less) AC Power Circuits
IEEE C62.41.2 (2002_Cor 1-2012)	IEEE Recommended Practice on Characterization of Surges in Low-Voltage (1000 V and Less) AC Power Circuits

Informational copies of specific procedures referenced in this listing can be obtained by contacting the AMS QA Department by e-mail at: qa@ams-corp.com or phone at: (865) 691-1756.

END OF PROCEDURE LISTING