



ANALYSIS AND MEASUREMENT SERVICES CORPORATION

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LIST OF AMS PROCEDURES

As of April 2024

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Reviewed By

04/16/2024

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

<u>Procedure #</u>	<u>Description</u>	<u>Revision Date</u>
AMR1501R1	Procedure for the Annual Management Review of the AMS Quality Assurance Programs.	September 2019
AUD8601R8	Procedure for Quality Assurance Audits.	October 2013
CAA1901R0	Capital Assets Acquired Under Federally Funded Projects	March 2019
CAT9201R9	Procedure for Producing and Tracking Condition Reports and Corrective Action.	February 2020
CDR8601R10	Procedure for Control of Documents and QA Records.	May 2022
CFB1401R2	Procedure for Obtaining Customer Feedback from Work Performed by AMS.	August 2020
CGC1110R5	Procedure for the Dedication of Accredited Commercial Calibration Services.	May 2022
CGT1701R1	Procedure for the Dedication of Accredited Commercial Testing Services.	December 2017
EDM0001R5	Procedure for Equipment Design or Modification.	May 2022
GRS8401R12	General Procedure for Receiving, Storage, and Shipping.	April 2022
HPO8601R15	Procedure for Handling Purchase Orders.	January 2023
IAP1401R3	Procedure for the Annual Internal Audit of the AMS ISO/IEC 17025 Testing Laboratory.	March 2020
MNH1201R1	Mentor Procedure for New Hires at AMS	April 2013
NCP8401R9	Procedure for Identification and Control of Nonconforming Activities and Items.	August 2020
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
PES8301R10	Procedure for Evaluation of AMS Suppliers of Quality-Related Components and Services.	May 2022
POR8901R10	Procedure for Routing of Customer Purchase Orders & Contracts.	December 2023
PQP8501R15	Personnel Qualification Procedure.	July 2021
PRR1401R3	Procedure for Producing AMS Final Reports.	June 2020

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1. QA ADMINISTRATION

<u>Procedure #</u>	<u>Description</u>	<u>Revision Date</u>
PWP8401R9	Procedure for Writing Procedures and Manuals.	November 2019
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
TCR8901R8	Administration of 10 CFR Part 21 Requirements.	March 2020
TSM2001R0	Procedure for Daily Timesheet Maintenance	April 2020

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2. MISCELLANEOUS

<u>Procedure #</u>	<u>Description</u>	<u>Revision Date</u>
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
NAR2201R0	Procedure for Performing Dynamic Failure Mode Assessment Using Noise Analysis	December 2022
NAR9201R5	Procedure for Determining Sensor Response Time Results from Noise Analysis.	October 2021
OLM2202R0	Procedure for Performing Online Monitoring Data Qualification and Analysis	December 2022
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
TFM0001R1	RCS Flow Measurement Using AMS EFM Transit Time Flowmeter.	June 2004
TIN9501R0	Procedure for Tinning Wire.	January 1995

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3. CALIBRATION

<u>Procedure #</u>	<u>Description</u>	<u>Revision Date</u>
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
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
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
CSP9301R3	Procedure for the Calibration Check of Standard Platinum Resistance Thermometers.	May 2020

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3. CALIBRATION

<u>Procedure #</u>	<u>Description</u>	<u>Revision Date</u>
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
DAS0101R5	Procedure for Calibrating ELC.	May 2017
DIA1701R0	Procedure for Performing Dial Indicator Calibration.	January 2017
EAB1701R0	Procedure for Performing Elongation at Break Calibration.	January 2017
EIB2101R0	AMS EIB-5 Equipment Calibration Check Procedure	July 2021
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
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
ILC1901R1	Calibration Procedure for the Verification / Characterization of Insertion Loss for Testing Purposes	April 2023

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3. CALIBRATION

<u>Procedure #</u>	<u>Description</u>	<u>Revision Date</u>
IRM0801R1	Operability and Calibration Check for the Agilent 4339B Insulation Resistance Meter.	October 2011
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
PIC1702R1	Calibration Procedure for the Indenter Polymer Aging Monitor 5 (IPAM 5)	August 2019
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
USB0901R1	National Instruments USB-6009 Calibration Check Procedure.	November 2010

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4. TEST

<u>Procedure #</u>	<u>Description</u>	<u>Revision Date</u>
ARD0901R2	Procedure for Measurement of DRPI Coil Signals of Control and Shutdown Rods in Westinghouse PWRs with DRPI Power-On.	May 2012
ARP0801R6	Procedure for Automated Measurement of Rod Drop Times in Westinghouse (ARPI) PWRs.	April 2024
ARP2401R0	Procedure for RPI Hot Calibration in Westinghouse (ARPI) PWRs	February 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
DCH1401R0	Procedure for Testing the Rod Control DC Hold Circuitry in Westinghouse PWRs	January 2014
DCT1101R1	Procedure for Diagnostic and Condition Monitoring Testing of Cable and Systems Using CHAR (2000, 2003, 2010, 2012) Systems.	June 2014
DEN1701R2	Procedure for Performing Density Testing.	November 2020

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4. TEST

<u>Procedure #</u>	<u>Description</u>	<u>Revision Date</u>
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
ERD0001R6	Procedure for Automated Measurement of Drop Times of Control and Shutdown Rods in Westinghouse PWRs with DRPI Power-On.	November 2021
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
GCR0001R0	Procedure for Automated Measurement of Drop Times of Control and Shutdown Rods in Westinghouse PWRs Using Gray-Code Signals.	January 2000
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 Khrono 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
NGE1501R0	Procedure for Diagnostic Testing of Nuclear Instrumentation System Cables in General Electric BWR Plants Using AMS/CHAR Equipment	June 2015
NPS1501R0	Procedure for Noise Data Collection from Plant Sensors.	March 2015
OLM2201R0	Procedure for Online Monitoring Data Retrieval	December 2022

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4. TEST

<u>Procedure #</u>	<u>Description</u>	<u>Revision Date</u>
PCC1101R0	General Procedure for Plant Computer RTD and Thermocouple Cross Calibration in Pressurized Water Reactors00000.	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
PNG0201R2	Procedure for Response Time Testing of Pressure Transmitters Using the AMS Model PNG (PNG-1 or PNG-2).	December 2013
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
PSR8301R6	Procedure for Self Heating Testing of RTDs.	September 2017
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
RCT9301R15	General Procedure for In-Plant RTD and Thermocouple Cross Calibration in Pressurized Water Reactors.	March 2023
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

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4. TEST

<u>Procedure #</u>	<u>Description</u>	<u>Revision Date</u>
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 Cyclers 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
SRT0101R7	Ramp Testing of Pressure Transmitters Using the SG-1M Ramp Test Unit.	January 2022
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
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
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

<u>Procedure #</u>	<u>Description</u>	<u>Revision Date</u>
AMP2101R0	Amplifier Maintenance Procedure	January 2022
CNV1301R1	Procedure for Performance Verification of IEC 61000-4-16 1uF, 100 by OHM Coupling Networks.	October 2019
CPV1201R0	Procedure for Performance Verification of Tektronix P6021 Current Probe.	November 2012
ECF1301R2	Procedure for the Generation and Control of Equipment Correction Factors.	September 2023
EIT1201R1	Procedure for EMI/RFI Troubleshooting.	September 2016
EMC1301R6	General Procedure for Electromagnetic Compatibility Testing.	June 2021
EMC1401R3	Guidelines for Electromagnetic Compatibility Testing.	July 2020
GIT1301R0	General Procedure for In-situ Radiated Immunity Testing of Nuclear Power Plant Equipment.	February 2013
GTM1301R0	Procedure for Calibration of the Gigahertz Transversal Electromagnetic (GTEM) Cell.	June 2013
ILF1901R0	Procedure for Verification / Characterization of Impedance of Ferrites	June 2019
ILP1201R4	Procedure for Verification/Characterization of Insertion Loss.	August 2021
MEC1401R2	Procedure for Maintenance of EMC Chambers.	November 2018
MLI1301R0	Procedure for the Measurement of Line Impedance Stabilization Network (LISN) Impedance.	May 2013
PAS1501R0	Procedure for Referencing A2LA Accredited Status.	July 2015
PER1901R0	Procedure for Evaluating and Mitigating Risks to the Impartial Evaluation of Data Used for Compliance Determination	July 2019
PEU1301R0	Procedure for the Estimation of Uncertainty.	March 2013
TPD1401R0	General Procedure for Developing Test and Troubleshooting Plans.	May 2014

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5. EMC

STANDARDS USED

<u>Standard #</u>	<u>Description</u>
<i>U.S. Nuclear Regulatory Commission</i>	
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.
<i>Electric Power Research Institute</i>	
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.
<i>U.S. Department of Defense</i>	
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.
<i>International Electrotechnical Commission (IEC)</i>	
ISO/IEC 17025 (2017)	General Requirements for the Competence of Testing and Calibration Laboratories.
IEC 61000-4-2 (1999, 2008)	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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STANDARDS USED

<u>Standard #</u>	<u>Description</u>
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 (1997/AMD1:1999 CSV, 2015/AMD1:2016 CSV, 2024)	Industrial, Scientific and Medical Equipment – Radio-Frequency Disturbance Characteristics – Limits and Methods of Measurement.
IEC CISPR 14-1 (2016, 2020)	Electromagnetic Compatibility – Requirements for Household Appliances, Electric Tools and Similar Apparatus – Part 1: Emission.

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5. EMC

STANDARDS USED

<u>Standard #</u>	<u>Description</u>
IEC CISPR 16-1-1 (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 (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)	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 (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 22 (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.
<i>Institute of Electrical and Electronics Engineers</i>	
IEEE C62.45 (1992, 2002)	IEEE Guide on Surge Testing for Equipment Connected to Low-Voltage AC Power Circuits.
IEEE C62.41 (1991, 2002)	IEEE Recommended Practice on Surges Voltages in Low-Voltage AC Power Circuits.

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END OF PROCEDURE LISTING