

STANDARDS CITED AS MANDATORY REQUIREMENTS BY NASA SAFETY AND MISSION ASSURANCE DIRECTIVES

STANDARD NUMBER	STANDARD TITLE	DIRECTIVE CITING THE STANDARD	CITATION PARAGRAPH (Note: the citation may limit the portions of the standard that are mandatory)	TECHNICAL AUTHORITY	NOTES
	The American Industrial Hygiene Association - Emergency Response Planning Guidelines (ERPG)	NPR 8715.5	3.2.8.3	OSMA	
ANSI 358.1	Emergency Eyewash and Shower Equipment	NPR 8715.3B	3.9.3.1.c	OSMA	
ANSI/AIAA S-080	Space Systems-Metallic Pressure Vessels, Pressurized Structures, and Pressure Components	NPD 8710.5C	1.c	OSMA	
ANSI/AIAA S-081	Space Systems - Composite Overwrapped Pressure Vessels (COPV)	NPD 8710.5C	1.d	OSMA	
ANSI/ESD S20.20	Protection of Electrical and Electronic Parts, Assemblies and Equipment (Excluding Electrically Initiated Explosive Devices)	NPD 8730.5	1.b.(14)	OSMA	
ANSI/ESD S20.20	Protection of Electrical and Electronic Parts, Assemblies and Equipment (Excluding Electrically Initiated Explosive Devices)	NPD 8730.5	5.b.(3)	OSMA	
ANSI/ESD S20.20	Protection of Electrical and Electronic Parts, Assemblies and Equipment (Excluding Electrically Initiated Explosive Devices)	NPD 8730.5	5.c.(1)	OSMA	
ANSI/ESD S20.20	Protection of Electrical and Electronic Parts, Assemblies and Equipment (Excluding Electrically Initiated Explosive Devices)	NPD 8730.5	5.d.(2)	OSMA	
ANSI/ISO/IEC 17025:2000	General Requirements for the Competence of Testing and Calibration Laboratories	NPD 8730.1B	1.a	OSMA	

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ANSI/NCSL Z540.1-1994 (R2002)	General Requirements for Calibration Laboratories and Measuring and Test Equipment	NPD 8730.1B	1.a	OSMA	
ANSI/NCSL Z540.1-1994 (R2002)	General Requirements for Calibration Laboratories and Measuring and Test Equipment	NPD 8730.1B	1.b	OSMA	
ANSI Z117.1	Safety Requirements for Confined Space	NPR 8715.3B	3.17.5	OSMA	
ANSI Z136.1	American National Standard for Safe Use of Lasers	NPR 8715.3B	3.15.4.d	OSMA	
ANSI Z136.1	American National Standard for Safe Use of Lasers	NPR 8715.3B	3.15.4.e	OSMA	
ANSI Z136.1	American National Standard for Safe Use of Lasers	NPR 8715.3B	3.15.6.1.d	OSMA	
ANSI Z136.1	American National Standard for Safe Use of Lasers	NPR 8715.3B	3.15.6.1.b	OSMA	
ANSI Z136.1	American National Standard for the Safe Use of Lasers	NPR 8715.5	3.3.7.4.1	OSMA	
ANSI Z136.2	Safe Use of Optiocal Fiber Communications System Utilizing Laser Diode and LED Sources	NPR 8715.3B	3.15.4.d	OSMA	
ANSI Z136.6-2000	American National Standard for the Safe Use of Lasers Outdoors	NPR 8715.5	3.3.7.4.2	OSMA	
AS9003	Inspection and Test Quality System	NPD 8730.5	1.b.(14)	OSMA	
AS9003	Inspection and Test Quality System	NPD 8730.5	5.b.(3)	OSMA	
AS9003	Inspection and Test Quality System	NPD 8730.5	5.c.(1)	OSMA	
AS9003	Inspection and Test Quality System	NPD 8730.5	5.d.(2)	OSMA	

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STANDARD NUMBER	STANDARD TITLE	DIRECTIVE CITING THE STANDARD	CITATION PARAGRAPH (Note: the citation may limit the portions of the standard that are mandatory)	TECHNICAL AUTHORITY	NOTES
AS9100	Quality Management Systems - Aerospace - Requirements	NPD 8730.5	1.b.(14)	OSMA	
AS9100	Quality Management Systems - Aerospace - Requirements	NPD 8730.5	5.b.(3)	OSMA	
AS9100	Quality Management Systems - Aerospace - Requirements	NPD 8730.5	5.c.(1)	OSMA	
AS9100	Quality Management Systems - Aerospace - Requirements	NPD 8730.5	5.d.(2)	OSMA	
AS9100	Quality Management Systems - Aerospace - Requirements	NPR 8735.2A	2.1.2.b	OSMA	
AS9102	Aerospace First Article Inspection Requirement	NPD 8730.5	1.b.(14)	OSMA	
AS9102	Aerospace First Article Inspection Requirement	NPD 8730.5	5.b.(3)	OSMA	
AS9102	Aerospace First Article Inspection Requirement	NPD 8730.5	5.c.(1)	OSMA	
AS9102	Aerospace First Article Inspection Requirement	NPD 8730.5	5.d.(2)	OSMA	
AS9110	Quality Management Systems - Aerospace - Requirements for Maintenance Organizations	NPD 8730.5	1.b.(14)	OSMA	
AS9110	Quality Management Systems - Aerospace - Requirements for Maintenance Organizations	NPD 8730.5	5.b.(3)	OSMA	
AS9110	Quality Management Systems - Aerospace - Requirements for Maintenance Organizations	NPD 8730.5	5.c.(1)	OSMA	
AS9110	Quality Management Systems - Aerospace - Requirements for Maintenance Organizations	NPD 8730.5	5.d.(2)	OSMA	

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AS9120	Quality Management Systems - Aerospace - Requirements for Stockist Distributors	NPD 8730.5	1.b.(14)	OSMA	
AS9120	Quality Management Systems - Aerospace - Requirements for Stockist Distributors	NPD 8730.5	5.b.(3)	OSMA	
AS9120	Quality Management Systems - Aerospace - Requirements for Stockist Distributors	NPD 8730.5	5.c.(1)	OSMA	
AS9120	Quality Management Systems - Aerospace - Requirements for Stockist Distributors	NPD 8730.5	5.d.(2)	OSMA	
Federal Standard 313	Material Safety Data, Transportation Data and Disposal Data for Hazardous Materials Furnished to Government Activities	NPR 8715.3B	3.7.6.1.d	OSMA	
IEEE C95.1-1991	American National Standard Safety Levels with Respect to Human Exposure to Radio Frequency Electromagnetic Fields 30 kHz to 100 GHZ	NPR 8715.5	3.3.7.2	OSMA	
ISO9001	Quality Management Systems - Requirements	NPD 8730.5	1.b.(14)	OSMA	
ISO9001	Quality Management Systems - Requirements	NPD 8730.5	5.b.(3)	OSMA	
ISO9001	Quality Management Systems - Requirements	NPD 8730.5	5.c.(1)	OSMA	
ISO9001	Quality Management Systems - Requirements	NPD 8730.5	5.d.(2)	OSMA	
ISO9001	Quality Management Systems - Requirements	NPR 8735.2A	2.1.2.b	OSMA	

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JSC 26882	NASA Space Flight Health Requirements	NPR 8705.2A	2.3	Human Rating Board	Composition, Roles, and responsibilities of the Human Rating Board are defined in NPR 8705.2
JSC 27862	Postmission Disposal of Upper Stages	NPD 8710.3B	1.b	OSMA	
JSC 27862	Postmission Disposal of Upper Stages	NPD 8710.3B	5.b.(1)	OSMA	
MIL-STD-454	Standard General Requirements for Electronic Equipment	NPR 8715.3B	3.6.1.a	OSMA	
MIL-STD-1472	Department of Defense Design Criteria Standard - Human Engineering	NPR 8705.2A	2.2	Human Rating Board	Composition, Roles, and responsibilities of the Human Rating Board are defined in NPR 8705.2
NASA-STD-3000, Volume I and II	Man-Systems Integration Standard	NPR 8705.2A	2.1	Human Rating Board	Composition, Roles, and responsibilities of the Human Rating Board are defined in NPR 8705.2
NASA-STD-5001	Structural Design and Test Factors of Safety for Space Flight Hardware	NPR 8705.2A	2.6	Human Rating Board	Composition, Roles, and responsibilities of the Human Rating Board are defined in NPR 8705.2
NASA-STD-5007	General Fracture Control Requirements for Manned Space Flight Systems	NPR 8705.2A	2.7	Human Rating Board	Composition, Roles, and responsibilities of the Human Rating Board are defined in NPR 8705.2

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STANDARD NUMBER	STANDARD TITLE	DIRECTIVE CITING THE STANDARD	CITATION PARAGRAPH (Note: the citation may limit the portions of the standard that are mandatory)	TECHNICAL AUTHORITY	NOTES
NASA-STD-8719.7	Facilities System Safety Guidebook	NPR 8715.3B	8.2.1.d	OSMA	
NASA-STD-8719.7	Facilities System Safety Guidebook	NPR 8715.3B	8.6.1.b	OSMA	
NASA-STD-8719.9, Appendix A	Standard for Lifting Devices and Equipment	NPR 8715.1	3.5.a	OSMA	Alternate OSHA Standard for Suspended Load Operations
NASA-STD-8719.9	Standard for Lifting Devices and Equipment	NPR 8715.3B	3.10.1	OSMA	
NASA-STD-8719.10	Standard for Underwater Facility and Non-Open Water Operations	NPR 8715.3B	3.12.2	OSMA	
NASA-STD-8719.13	Software Safety Standard	NPR 8705.2A	2.5	Human Rating Board	Composition, Roles, and responsibilities of the Human Rating Board are defined in NPR 8705.2
NASA-STD-8719.11	Safety Standard for Fire Protection	NPR 8715.3B	3.9.2.f	OSMA	
NASA-STD-8719.13	Software Safety Standard	NPR 8715.3B	1.5.2.f.(5)	OSMA	
NASA-STD-8719.13	Software Safety Standard	NPR 8715.3B	7.3.1.g	OSMA	
NASA-STD-8719.13	Software Safety Standard	NPR 8715.3B	9.3.1.e	OSMA	
NASA-STD-8719.13	Software Safety Standard	NPR 8715.5	3.3.8.2	OSMA	
NASA-STD-8739.1	Workmanship Standard for Staking and Conformal Coating of Printed Wiring Boards and Electronic Assemblies	NPD 8730.5	1.b.(14)	OSMA	
NASA-STD-8739.1	Workmanship Standard for Staking and Conformal Coating of Printed Wiring Boards and Electronic Assemblies	NPD 8730.5	5.b.(3)	OSMA	

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NASA-STD-8739.1	Workmanship Standard for Staking and Conformal Coating of Printed Wiring Boards and Electronic Assemblies	NPD 8730.5	5.c.(1)	OSMA	
NASA-STD-8739.1	Workmanship Standard for Staking and Conformal Coating of Printed Wiring Boards and Electronic Assemblies	NPD 8730.5	5.d.(2)	OSMA	
NASA-STD-8739.2	Workmanship Standard for Surface Mount Technology	NPD 8730.5	1.b.(14)	OSMA	
NASA-STD-8739.2	Workmanship Standard for Surface Mount Technology	NPD 8730.5	5.b.(3)	OSMA	
NASA-STD-8739.2	Workmanship Standard for Surface Mount Technology	NPD 8730.5	5.c.(1)	OSMA	
NASA-STD-8739.2	Workmanship Standard for Surface Mount Technology	NPD 8730.5	5.d.(2)	OSMA	
NASA-STD-8739.3	Soldered Electrical Connections	NPD 8730.5	1.b.(14)	OSMA	
NASA-STD-8739.3	Soldered Electrical Connections	NPD 8730.5	5.b.(3)	OSMA	
NASA-STD-8739.3	Soldered Electrical Connections	NPD 8730.5	5.c.(1)	OSMA	
NASA-STD-8739.3	Soldered Electrical Connections	NPD 8730.5	5.d.(2)	OSMA	
NASA-STD-8739.4	Crimping, Interconnecting Cables, Harnesses, and Wiring	NPD 8730.5	1.b.(14)	OSMA	
NASA-STD-8739.4	Crimping, Interconnecting Cables, Harnesses, and Wiring	NPD 8730.5	5.b.(3)	OSMA	
NASA-STD-8739.4	Crimping, Interconnecting Cables, Harnesses, and Wiring	NPD 8730.5	5.c.(1)	OSMA	
NASA-STD-8739.4	Crimping, Interconnecting Cables, Harnesses, and Wiring	NPD 8730.5	5.d.(2)	OSMA	
NASA-STD-8739.5	Fiber Optic Terminations, Cable Assemblies, and Installation	NPD 8730.5	1.b.(14)	OSMA	

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NASA-STD-8739.5	Fiber Optic Terminations, Cable Assemblies, and Installation	NPD 8730.5	5.b.(3)	OSMA	
NASA-STD-8739.5	Fiber Optic Terminations, Cable Assemblies, and Installation	NPD 8730.5	5.c.(1)	OSMA	
NASA-STD-8739.5	Fiber Optic Terminations, Cable Assemblies, and Installation	NPD 8730.5	5.d.(2)	OSMA	
NASA-STD-8739.8	Software Assurance Standard	NPR 8715.3B	1.5.2.f.(5)	OSMA	
NASA-STD-8739.8	Software Assurance Standard	NPR 8715.3B	7.3.1.g	OSMA	
NASA-STD-8739.8	Software Assurance Standard	NPR 8715.3B	9.3.1.e	OSMA	
NASA-STD-8739.8	Software Assurance Standard	NPD 8730.5	1.b.(14)	OSMA	
NASA-STD-8739.8	Software Assurance Standard	NPD 8730.5	5.b.(3)	OSMA	
NASA-STD-8739.8	Software Assurance Standard	NPD 8730.5	5.c.(1)	OSMA	
NASA-STD-8739.8	Software Assurance Standard	NPD 8730.5	5.d.(2)	OSMA	
NFPA 45	Standard on Fire Protection for Laboratories Using Chemicals	NPR 8715.3B	3.9.2.e	OSMA	
NFPA 70	National Electric Code	NPR 8715.3B	3.6.1.a	OSMA	
NFPA 70E	Standard for Electrical Safety in the Workplace	NPR 8715.3B	3.6.1.d	OSMA	
NFPA 101	Life Safety Code	NPR 8715.3B	3.9.2.b	OSMA	
NIOSH Publication 87-113	Guide to Safety in Confined Spaces	NPR 8715.3B	3.17.5	OSMA	
NSS 1740.12	Safety Standard for Explosives, Propellants, and Pyrotechnics	NPR 8715.1	3.5.b	OSMA	Supplemental OSHA Standard
NSS 1740.12	Safety Standard for Explosives, Propellants, and Pyrotechnics	NPR 8715.3B	7.4.5.1.c	OSMA	
NSS 1740.12	Safety Standard for Explosives, Propellants, and Pyrotechnics	NPR 8715.3B	7.4.5.1.d	OSMA	
NSS 1740.12	Safety Standard for Explosives, Propellants, and Pyrotechnics	NPR 8715.3B	3.11.1	OSMA	

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NSS 1740.14	Guidelines and Assessment Procedures for Limiting Orbital Debris	NPR 8715.6	P.2.7	OSMA	NASA-STD-8719.14 may be used in lieu of NSS 1740.14 to implement NPR 8715.6
NSS 1740.14	Guidelines and Assessment Procedures for Limiting Orbital Debris	NPR 8715.6	1.3.2.2	OSMA	NASA-STD-8719.14 may be used in lieu of NSS 1740.14 to implement NPR 8715.6
NSS 1740.14	Guidelines and Assessment Procedures for Limiting Orbital Debris	NPR 8715.6	1.3.4.2	OSMA	NASA-STD-8719.14 may be used in lieu of NSS 1740.14 to implement NPR 8715.6
NSS 1740.14	Guidelines and Assessment Procedures for Limiting Orbital Debris	NPR 8715.6	1.3.5.1	OSMA	NASA-STD-8719.14 may be used in lieu of NSS 1740.14 to implement NPR 8715.6
NSS 1740.14	Guidelines and Assessment Procedures for Limiting Orbital Debris	NPR 8715.6	2.1.2	OSMA	NASA-STD-8719.14 may be used in lieu of NSS 1740.14 to implement NPR 8715.6
NSS 1740.14	Guidelines and Assessment Procedures for Limiting Orbital Debris	NPR 8715.6	2.1.4	OSMA	NASA-STD-8719.14 may be used in lieu of NSS 1740.14 to implement NPR 8715.6
NSS 1740.14	Guidelines and Assessment Procedures for Limiting Orbital Debris	NPR 8715.6	2.1.5	OSMA	NASA-STD-8719.14 may be used in lieu of NSS 1740.14 to implement NPR 8715.6

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NSS 1740.14	Guidelines and Assessment Procedures for Limiting Orbital Debris	NPR 8715.6	2.1.7	OSMA	NASA-STD-8719.14 may be used in lieu of NSS 1740.14 to implement NPR 8715.6
NSS 1740.14	Guidelines and Assessment Procedures for Limiting Orbital Debris	NPR 8715.6	2.2.1.1	OSMA	NASA-STD-8719.14 may be used in lieu of NSS 1740.14 to implement NPR 8715.6
NSS 1740.14	Guidelines and Assessment Procedures for Limiting Orbital Debris	NPR 8715.6	2.2.1.2	OSMA	NASA-STD-8719.14 may be used in lieu of NSS 1740.14 to implement NPR 8715.6
NSS 1740.14	Guidelines and Assessment Procedures for Limiting Orbital Debris	NPR 8715.6	2.2.2.1	OSMA	NASA-STD-8719.14 may be used in lieu of NSS 1740.14 to implement NPR 8715.6
NSS 1740.14	Guidelines and Assessment Procedures for Limiting Orbital Debris	NPR 8715.6	2.2.2.2	OSMA	NASA-STD-8719.14 may be used in lieu of NSS 1740.14 to implement NPR 8715.6
NSS 1740.14	Guidelines and Assessment Procedures for Limiting Orbital Debris	NPR 8715.6	2.2.3.2	OSMA	NASA-STD-8719.14 may be used in lieu of NSS 1740.14 to implement NPR 8715.6
NSS 1740.14	Guidelines and Assessment Procedures for Limiting Orbital Debris	NPR 8715.6	2.2.4.1	OSMA	NASA-STD-8719.14 may be used in lieu of NSS 1740.14 to implement NPR 8715.6