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# INDEX OF KENNEDY SPACE CENTER SPECIFICATIONS AND STANDARDS

KSC-GP-364

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## INTRODUCTION

### KSC SPECIFICATIONS and STANDARDS

This is an index of current, cancelled, and superseded KSC Specifications and Standards. Electronic access to this index and to KSC Specs and Standards is available from the Library's home page at <http://ksclibrary.ksc.nasa.gov> . Lists sorted by number and keyword provide links to the PDF files located. Paper copies of this index and the KSC Specifications and Standards indexed herein are available from the KSC Library Documents, Specifications, and Standards Dept. (Mail code: LIBRARY-D, Phone: 321-867-3613, [KSC-DL-Library@mail.nasa.gov](mailto:KSC-DL-Library@mail.nasa.gov))

Individual KC fittings standards are available in KSC-GP-425 Fluid Fitting Engineering Standards. The KSC Library Documents, Specifications, and Standards Department has paper copies of KSC-GP-425, and it is available electronically through the Library's home page <http://ksclibrary.ksc.nasa.gov> .

The NASA Technical Standards Program (NTSP) provides access to KSC Specifications and Standards at <http://standards.nasa.gov/>. It is not necessary to login to view current KSC Specifications and Standards on the NTSP website. On the left side of the NTSP home page, click on KSC Documents and a list of all the current KSC Specifications and Standards with links to PDF files will appear.

It is the intent of KSC to use the **latest version of the documents referenced in the "Current Status" column** unless otherwise noted.

KSC directorates responsible for current specifications and standards are listed in the Office of Primary Responsibility (OPR) column.

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### UPDATED SPECIFICATIONS AND STANDARDS INFORMATION

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Prepared by the KSC Library Documents, Specifications, and Standards Department.

## **ALPHA-NUMERIC LIST OF KSC SPECIFICATIONS AND STANDARDS**

NUMBER	AVAIL- ABILITY	OPR	CURRENT STATUS	TITLE
KSC-C-109			Cancelled 6/16/1994	Capacitors, Fixed, Tantalum (Polarized, Plain Foil) (Style KCL31) Specification
KSC-C-110			Cancelled 7/8/1994	Capacitors, Fixed, Tantalum (Polarized, Etched Foil) (Style KCL33) Specification
KSC-C-111			Cancelled 7/1/1994	Capacitors, Fixed, Solid, Tantalum (KCS13) Specification
KSC-C-113			Cancelled 6/24/1994	Capacitors, Fixed, Polarized, Tantalum Foil (Style KCL51 and KCL53) Specification
KSC-C-123	EAR 99 NLR	NE	Rev J, 7/17/2009	Surface Cleanliness of Ground Support Equipment Fluid Systems, Specification for
KSC-C-133			Cancelled 12/19/1996. Superseded by ECA-535 Series	Capacitors, Fixed, Tantalum (Polarized, Sintered-Slug) (Style KCL65) Specification
KSC-C-182			Cancelled 5/5/1992. Requirements in this document are covered by JSC-SE-S-0073 which has been retired per Program Requirements Control Board Directive (PRCBD) DIR000096, dated 11/28/11 and released for on-line viewing on the Space Shuttle Program Documentation Center (PDC)	Gas Cleanliness Requirements for Operational Gaseous Nitrogen, Helium, and Hydrogen Systems at Complex 39, Specification for
KSC-D-327			Cancelled by KSC-GP-435	Drawings, Engineering and Associated Lists, Specification
KSC-DD-818-TR	EAR 99 NLR		6/1/1984	Summary of Measurements of KSC Launch-Induced Environmental Effects (STS-1 through STS-11)
KSC-DE-512-SM	EAR 99 NLR	NE	Rev I-M, 3/18/19	Facility Systems, Ground Support Systems, and Ground Support Equipment General Design Requirements
KSC-DF-107	EAR 99 NLR	NE	Rev F, 7/8//2017	Technical Documentation Style Guide
KSC-DTI			Cancelled 4/1978	Design Technical Instructions

NUMBER	AVAIL- ABILITY	OPR	CURRENT STATUS	TITLE
KSC-E-165	EAR 99 NLR	NE	Rev E, 2/2/09, Change 5, 9/5/2019	Electrical Ground Support Equipment Fabrication, Specification for
KSC-E-166	EAR 99 NLR	NE	Rev C, 3/20/09, Change 4, 3/2/2017	Electrical Ground Support Equipment, Installation and Assembly, Specification for
KSC-E-1004			Cancelled 1/6/1997	Refurbishment of Geodesic Dome K7-1205G, KSC, Technical Specification for
KSC-F-124	EAR 99 NLR	NE	Rev E, 1/31/1994	Fittings, Flared Tube, Specification for
KSC-GP-425	EAR 99 NLR	NE	Rev G, 9/8/1997, Amendment 4, 2/11/2015	Fluid Fitting Engineering Standards
KSC-GP-435 VOLUME 1		NE	Rev G, 4/18/14, Change 1, 3/26/2015	Engineering Drawing Practices. Volume 1: Aerospace and Ground Support Equipment
KSC-GP-435 VOLUME 2	EAR 99 NLR	NE	Rev C, 7/6/2020	Engineering Drawing Practices. Volume 2: Facilities
KSC-GP-864 VOLUME 2A	EAR 99 NLR	NE	Rev B, 10/16/09, Change 1, 6/4/2013	Electrical Ground Support Equipment Cable Handbook
KSC-GP-986	EAR 99 NLR		Cancelled 1/27/20	Design Criteria for Reusable Space Vehicle Umbilical Systems
KSC-KTI-5210	EAR 99 NLR		Rev C, 3/7/2012	Material Selection List for All Oxygen and Air Services
KSC-M-117 (D)			Cancelled 12/19/1996. Superseded by NEMA MG1.	Motors, Alternating Current, Integral Horsepower for Ground Support Equipment, Specification
KSC-M-125			Cancelled 7/20/1990. Superseded by KSC-GP-435.	Ground Support Equipment Manual for Drafting and Design, Preparation and Maintenance of, Specification for
KSC-MMA-1985-79	EAR 99 NLR		Rev 6, 11/7/2008	Standard Test Method for Evaluating Triboelectric Charge Generation And Decay
KSC-MTB-175-88	EAR 99 NLR		9/12/1994	Procedure for Casual Exposure of Materials to Hypergolic Fluids

NUMBER	AVAIL- ABILITY	OPR	CURRENT STATUS	TITLE
KSC-NE-9187	EAR 99 NLR	NE	2/29/2008	Sensors, Transducers and Signal Conditioning Systems Selection Process
KSC-NE-10074	EAR 99 NLR	NE	9/30/2013	Electrical Ground Support Equipment (EGSE) Qualification Test Plan
KSC-P-116			Cancelled 8/24/1994	Packaging and Marking for Cables and Harnesses, Procedure for
KSC-P-127			Cancelled 2/4/1997	Packaging, Packing, Marking, for Shipment and Storage of Ground Support Equipment, General Specification
KSC-P-127/1			Cancelled 11/7/1994	Packaging, Packing, Marking for Shipment and Storage of Motors and Motor Drive Sets
KSC-P-127/2			Cancelled 8/24/1994	Racks, Consoles, Panels and Distributors, Packaging, Marking and Storage of
KSC-R-102			Cancelled 7/1/1994	Resistors, Fixed, Film (High Stability) (Styles KRN55/60/65/70)
KSC-R-103			Cancelled 7/8/1994	Resistors, Fixed, Film General Purpose (Styles KRL07/20/32/42) Specification for
KSC-R-104			Cancelled 7/22/1994	Resistor, Fixed, Power, Wirewound (Chassis Mount) (Style KRE65/70/75)
KSC-R-105			Cancelled 7/22/1994	Resistors, Fixed, Wirewound (Power Type) (KRW67/68/69)
KSC-R-148			Cancelled 6/24/1994	Resistors, Composition Carbon (Styles KRC07/20/32/42) Specification for
KSC-S-101			Superseded by MIL-PRF-19500.	Semiconductor Devices, General Specification
KSC-S-126	EAR 99 NLR	NE	Rev B, 10/29/2008	Sealing of Electrical Components, Specification for
KSC-S-178			Cancelled 8/15/1995	Soldering, Automatic Wave, of Printed Circuit Assemblies, Procedure for
KSC-SO-S-4	EAR 99 NLR		Rev C, 3/5/82	Retest and Refurbishment of Type "K" Compressed Gas Cylinders for Gaseous Air, Helium, Hydrogen, Nitrogen, and Oxygen Service, Specification for
KSC-SO-S-9	EAR 99 NLR	TA	Rev J, 6/1993	Compressed Gas Trailers and Movable Storage Units, Retest and Refurbishment of, Standard for
KSC-SPEC-C-0001			Cancelled. Superseded by KSC-STD-C-0001. Rev E of	Protective Coating of Carbon Steel, Specification for

NUMBER	AVAIL- ABILITY	OPR	CURRENT STATUS	TITLE
			KSC-STD-C-0001, 12/12/2001, was Cancelled and superseded by NASA- STD-5008, 7/10/2001	
KSC-SPEC-E-0001			Cancelled 5/10/1996	Application of Coating, Conformal (Polyurethane), Printed Circuit Assemblies, Specification for
KSC-SPEC-E-0002	EAR 99 NLR	NE	Rev A, 8/24/2010	Modular Electrical Enclosures, Racks, Consoles, and Accessories, Specification for (Title changed from Modular Enclosures (Cabinets, Consoles) and Accessories, Radio Frequency Interference Shielded, Specification for)
KSC-SPEC-E-0004			Cancelled 1/31/1975. Superseded by MIL-PRF- 19500	Semiconductor Devices, General Specification for
KSC-SPEC-E-0007			Cancelled 9/1994	Capacitor, Fixed, Glass Dielectric, High Reliability (Style KCYFR 10/15/20/30), Specification for
KSC-SPEC-E-0008			Cancelled. Use MIL-C-19978. MIL-C-19978F became MIL- PRF-19978G on 5/27/1999	Capacitors, Fixed, Paper or Paper-Plastic (Style KCPV09), Specification for
KSC-SPEC-E-0009			Cancelled 6/24/1994	Capacitors, Fixed, Tantalum, Nonpolar, Etched Foil, (Style KCL23), Specification for
KSC-SPEC-E-0010			Cancelled 7/8/1994	Capacitors, Fixed, Plastic Dielectric Nonmetallic Case (Style KCTM), Specification for
KSC-SPEC-E-0011			Cancelled 7/1/1994	Capacitors, Fixed, Tantalum, Polarized, Etched Foil (Style KCL21), Specification for
KSC-SPEC-E-0012	EAR 99 NLR	TA	Cancelled 10/30/2019	Heat and Blast Protection Coating Materials for Electrical Cables, Specification for
KSC-SPEC-E-0016			Cancelled. All information in this specification is included in KSC-SPEC-E-0018 through KSC-SPEC-E-0023	Electrical Power Cable, Procurement of, General Specification for
KSC-SPEC-E-0017	EAR 99 NLR	NE	Cancelled 6/8/2020	Electrical Power Cable, Installation of, Specification for

NUMBER	AVAIL- ABILITY	OPR	CURRENT STATUS	TITLE
KSC-SPEC-E-0018	EAR 99 NLR	NE	Cancelled 6/8/2020	AC Power Wire, General Purpose, Single Conductor, 600 Volt, 60 Hertz, Procurement of, Specification for
KSC-SPEC-E-0019	EAR 99 NLR	NE	Cancelled 6/8/2020	AC Power Cable, General Purpose, Multi-Conductor, 600 Volt, 60 Hertz Procurement of, Specification for
KSC-SPEC-E-0020	EAR 99 NLR	NE	Cancelled 6/8/2020	AC Power Cable, Mineral Insulated, 600 Volt, 60 Hertz, Procurement of, Specification for
KSC-SPEC-E-0021	EAR 99 NLR	NE	Cancelled 6/8/2020	AC Power Cable, Interlocked Armored, 600 Volt, 60 Hertz, Procurement of, Specification for
KSC-SPEC-E-0022	EAR 99 NLR	NE	Cancelled 6/8/2020	AC Power Cable, 5,000 Volt, 60 Hertz, Procurement of, Specification for
KSC-SPEC-E-0023	EAR 99 NLR	NE	Cancelled 6/8/2020	AC Power Cable, 15,000 volt, 60 Hertz, Procurement of, Specification for
KSC-SPEC-E-0024	EAR 99 NLR	NE	Rev A, 8/6/2008	Cable, Electrical, Shielded, Jacketed, for Harness Assemblies, General Specification for (Rev A includes all detail specifications sheets: /1 - /6)
KSC-SPEC-E-0025			Cancelled 6/16/1994	Headset, Microphone and Cord Assembly, Specification for
KSC-SPEC-E-0026			Cancelled 2/10/1997. Superseded by SPECS- INTACT. Covered by UFGS MasterText Database Division 26	Electrical Facilities Installations Specification for
KSC-SPEC-E-0028			Cancelled 3/20/1997. Superseded by NFPA 70, Article 620	Elevator Electric Traveling Cable, Procurement of, Specification for
KSC-SPEC-E-0029	EAR 99 NLR	NE	Cancelled 10/30/2019	Compound, Potting and Molding, Elastomeric, Specification for
KSC-SPEC-E-0031	EAR 99 NLR	NE	Rev B, 8/8/2008	Cables, Electrical, Specification for
KSC-SPEC-F-0001			Cancelled 1/3/1997. Superseded by 67-MK-584 SPEC	Specifications for Additions and Modifications to Base Maintenance Building Launch Complex 39

NUMBER	AVAIL- ABILITY	OPR	CURRENT STATUS	TITLE
KSC-SPEC-F-0002			Cancelled 1/21/1997. Superseded by 67-MK-614 SPEC	Converter Compressor Operations Building, LC 39, Specification for
KSC-SPEC-F-0003			Cancelled 1/7/1997. Superseded by 67-MK-663 SPEC	Pre-Cleaning Laboratory Addition Fluid Test Support Building (M7-1061), Technical Specifications for
KSC-SPEC-F-0005			Cancelled 1/3/1997. Superseded by 68 DE-FAC 061 SPEC	Fabrication, Installation and Testing of Emergency Braking Safety Mechanisms for Platforms Numbers 1 and 2, LC-39 Mobile Service Structure, Specification for
KSC-SPEC-F-0006	EAR 99 NLR	NE	Rev B, 1/30/2009	Heat and Blast Protection Coating Materials and Application Methods, Specification for
KSC-SPEC-F- 0006-AMPL			Cancelled by and incorporated into Rev B of KSC-SPEC-F-0006, dated 1/30/2009	Products Approved under KSC Specification KSC-SPEC-F-0006-AMPL-7
KSC-SPEC-F-0007			Cancelled 1/3/1997	Pumps, 25,000 and 35,000, Piping, and Flap Gates, Specification for
KSC-SPEC-F-0009	EAR 99 NLR	NE	Rev A, 10/14/1988	Signs at John F. Kennedy Space Center, Design, Fabrication and Erection of, Specification for
KSC-SPEC-F-0011			Cancelled 1/7/1997. Superseded by 203-805 SPEC	Ordnance Operations Facility, Specification for
KSC-SPEC-F-0015			Cancelled 1/3/1997	Honeycomb Paneling for MSS Floors, Walkways, and Roofs
KSC-SPEC-F-0018			Cancelled 1/6/1997. Superseded by 203-887 SPEC	Security Gates and Fencing for Beach Road and Railroad, LC 39, Kennedy Space Center, Florida, Specification for
KSC-SPEC-F-0019			Cancelled 1/6/1997	CIF M6-342 Built-Up Roof Repair
KSC-SPEC-F-0020			Cancelled. Superseded by KSC-STD-C-0001. Rev E of KSC-STD-C-0001, 12/12/2001, was Cancelled	Coating, Organic and Inorganic Zinc Rich, Specification for

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			and superseded by NASA-STD-5008, 7/10/2001	
KSC-SPEC-F-0020-PM1			Cancelled. Superseded by KSC-STD-C-0001. Rev. E of KSC-STD-C-0001, 12/12/2001, was Cancelled and superseded by NASA-STD-5008, 7/10/2001	
KSC-SPEC-G-0001			Cancelled 5/28/1976. Superseded by NHB-4200.1. NHB-4200.1 superseded by NPG- (NPR)-4200.1, which should be used as a guide in the preparation of Unique Equipment Registers	Unique Equipment Register, Specification for
KSC-SPEC-G-0002	EAR 99 NLR	NE	Rev B, 7/1/1986	Compiling Construction Cost Estimates, Specification for
KSC-SPEC-G-0003	EAR 99 NLR	NE	7/5/1977	Ground Support Equipment Cost Estimating, Specification for
KSC-SPEC-H-0002			Cancelled 6/16/1994	Ultraviolet Flame Detector, Purchase Specification for an
KSC-SPEC-M-0001			Cancelled 7/8/1994	Contract End Item Detail Specification (Low Frequency Accelerometer) Performance/Design and Product Configuration Requirements
KSC-SPEC-M-0004			Cancelled 7/29/1994	Vibration Data Acquisition System (LC-39), Technical Specifications for a
KSC-SPEC-M-0005			Cancelled 7/29/1994	Multiplex Transmission and Receiving System Specification
KSC-SPEC-M-0006			Cancelled 7/29/1994	Line Driving Amplifier Specification
KSC-SPEC-M-0007			Cancelled 4/17/1995	Lightning Instrumentation Systems at KSC, Specification for
KSC-SPEC-M-0008			Cancelled 6/24/1994	Cryogenic Strain Gage Pressure Transducer, Specification for
KSC-SPEC-M-0009			Cancelled 7/1/1994	Self-Powered Thermocouple Reference Junction, Specification for
KSC-SPEC-M-0010			Cancelled 9/1994	Strain Gage Pressure Transducer, Standard, Specification for

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KSC-SPEC-M-0012			Cancelled 7/22/1994	Platinum Temperature Transducer, Specification for
KSC-SPEC-M-0013			Cancelled 4/17/1995	Measurement Systems Division Instrumentation at the Meteorological Prediction Center, Specification for
KSC-SPEC-M-0014			Cancelled 7/22/1994	Low Frequency Low "G" Accelerometer, Specification for
KSC-SPEC-M-0015			Cancelled 7/1/1994	Strip Chart Recorder, Two Pen, Potentiometric, Specification for
KSC-SPEC-M-0016			Cancelled 6/16/1994	Hydrogen Hazards Analog System, Launch Complex 39, Specification for
KSC-SPEC-M-0017			Cancelled 9/1994	Discrete Function Transmission System, Specification for
KSC-SPEC-M-0018			Cancelled 9/1994	Data Digitizing System, Mobile Instrumentation Van, Specification for
KSC-SPEC-M-0019			Cancelled 7/8/1994	DAS Operation and Tape Format Verification System, Specification for
KSC-SPEC-M-0020			Cancelled 6/24/1994	Dual Pen Null Balance Analog Strip Chart Recorder, Specification for
KSC-SPEC-M-0021			Cancelled 4/17/1995	Lightning Warning System KSC Data Processor, Specification for
KSC-SPEC-M-0022			Cancelled 7/22/1994	Corona Current Detector, Specification for
KSC-SPEC-M-0023			Cancelled 7/22/1994	Remote Calibrate and Remote Gain Change Amplifier System, Specification for
KSC-SPEC-M-0024			Cancelled 9/1994	Portable Data Acquisition System Incrementing Tape Recorder Writing Computer Compatible Magnetic Tape, Specification for
KSC-SPEC-M-0025			Cancelled 4/17/1995	Meteorological Instrumentation Systems at KSC, Specification for
KSC-SPEC-P-0001			Cancelled 1/3/1997	Performance Specification for Design, Fabrication, and Test of Compartment Cooling Unit for S IV B Instrument Unit Project Apollo
KSC-SPEC-P-0002			Cancelled 6/16/1994	Contract End Item Detail Specification (Cryogenic Accelerometer and Impedance Unit) Performance/Design and Product Configuration Requirements
KSC-SPEC-P-0003			Cancelled 10/11/1994	Contract End Item Detail Specification (Medium Frequency Accelerometer and Impedance Unit) Performance/Design and Product Configuration Requirements
KSC-SPEC-P-0004			Cancelled 1/22/1997	Short Form Spare Parts Provisioning, General Specification for
KSC-SPEC-P-0005			Cancelled 1/22/1997	Long Form Spare Parts Provisioning, General Specification for

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KSC-SPEC-P-0006			Cancelled 1/3/1997	Air Conditioning Unit-Portable, Trailer Mounted, Electrically Driven, Self-Contained, Nominal, 40 Ton Capacity, Technical Specifications for
KSC-SPEC-P-0007			Cancelled 2/20/1997	Glass, Laminated, Flat, Tinted, Specification for
KSC-SPEC-P-0008			Cancelled 1/6/1997	Repainting of 500 Foot Weather Tower J6-490A, Specifications for
KSC-SPEC-P-0009			Cancelled 1/7/1997. Superseded by Florida Department of Transportation (FDOT) Standards and the Manual on Uniform Traffic Control Devices	Pavement Markings, Specification for
KSC-SPEC-P-0010			Cancelled 1/7/1997. Replaced by SPECS-INTACT. Now covered by UFGS MasterText Database, Division 32	Roadway Rehabilitation Asphaltic Concrete Leveling and Surface Courses, Specifications for
KSC-SPEC-P-0011			Cancelled 9/15/1995. Use SPI SP-601(2)K. SPI SP-601(2)K Cancelled and superseded by USA004756, 10/3/2002	Particulate Screening Reverification Sample Requirements on Space Shuttle Ground Systems
KSC-SPEC-P-0012	EAR 99 NLR	TA	Cancelled 10/18/2019	Refractory Concrete, Specification for
KSC-SPEC-P-0014	EAR 99 NLR	SA	Cancelled 6/20/16 and superseded by SFOC-GO0016, Basic, dated 9/28/1998	Garments Used in Non-Cleanroom Environments for Hazardous Operations, Minimum Requirements for, Specification for
KSC-SPEC-P-0015	EAR 99 NLR	SA	Cancelled by Rev C, 6/20/16 and superseded by 80K57087, dated 3/8/02	Garments Used in Cleanroom Environments for Hazardous Operations, Minimum Requirements for, Specification for
KSC-SPEC-P-0016	EAR 99 NLR	SA	Cancelled by Rev B, 6/20/16 and superseded by	Garment Snap Fastener, Minimum Requirements for, Specification for

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			80K57087 Rev B, 3/8/02, and 80K57049 Rev B, 3/8/02	
KSC-SPEC-P-0017	EAR 99 NLR	NE	Cancelled 11/25/2019	Propellants, Recovered Hydrazine Family Fuels, Specification for
KSC-SPEC-P-0018	EAR 99 NLR	TA	7/10/1995	Propellants, Recovered Nitrogen Tetroxide Solution, Specification for
KSC-SPEC-P-0019	EAR 99 NLR	TA	7/20/1999	Solvent, Cleaning, 1,1,1,2,3,4,4,5,5,5-Decafluoropentane (62 WT%) and Trans-1,2-Dichloroethylene (38 WT%), Vertrel MCA™, Specification for
KSC-SPEC-P-0020	EAR 99 NLR	NE	Cancelled 12/18/2019	Solvent, Cleaning, 3,3-Dichloro-1,1,1,2,2-Pentafluoropropane (45±5 WT%) and 1,3-Dichloro-1,1,2,2,3-Pentafluoropropane (55±5 WT%) HCFC-225, Specification for
KSC-SPEC-P-0021	EAR 99 NLR	TA	2/26/2001	Solvent, Cleaning, 1,1,1,2,3,4,4,5,5,5-Decafluoropentane, Specification for
KSC-SPEC-P-0022	EAR 99 NLR	TA	Cancelled 12/18/1019	Solvent, Cleaning, 1,3-Dichloro-1,1,2,2,3-Pentafluoropropane, HCFC-225G, Specification for
KSC-SPEC-P-0024	EAR 99 NLR	TA	2/26/2001	Refrigerant, HCFC-124, 2-Chloro-1,1,1,2-Tetrafluoroethane, Specification for
KSC-SPEC-P-0025	EAR 99 NLR	TA	6/6/2002	Propylene Glycol Monomethyl Ether (PGME) 1-Methoxy-2-Propanol, Specification for
KSC-SPEC-P-0026	EAR 99 NLR	TA	7/1/2002: Rev A, Not. Cancellation 8/27/2017	Propellants, Recovered Halon-1301, Specification for
KSC-SPEC-P-0027	EAR 99 NLR	NE	5/11/2010	Tubing, Superaustenitic Steel, Corrosion Resistant, UNS N08367 and UNS S31254, Seamed, Bright Annealed, Passivated, Specification for
KSC-SPEC-Q-0001			Cancelled 8/15/1995. Requirements are covered by MIL-I-46058 Type UR; Program driven requirements are covered by MSFC-SPEC-507 and NHB-5300.4(3J). MIL-I-46058 inactive for new design, 11/30/1998, and will be Cancelled when no longer	Coatings, Conformal, Protective, Environmental, for Printed-Circuit Assemblies, Specification for

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			needed for acquisition. NHB-5300.4(3J) was Cancelled 6/20/1996 by NAS-5300.4(3J). NAS-5300.4(3J) was Cancelled 8/6/1999 and superseded by NASA-STD-8739.1	
KSC-SPEC-U-0001			Cancelled 7/29/1994	Event Monitor System Multiplexer Design Criteria, Specification for
KSC-SPEC-U-0002			Cancelled 7/29/1994	Event Monitor System Multiplexer, Gantry Test Rack, Design Criteria, Specification for
KSC-SPEC-U-0003			Cancelled 4/17/1995	Complex 36 Analog Multiplexer, Design Criteria, Specification for
KSC-SPEC-U-0004			Cancelled 7/29/1994	400 Hertz Analog Multiplexer, Design Criteria, Specification for
KSC-SPEC-Z-0001	EAR 99 NLR	TA	Cancelled 9/28/2015. Superseded by ASTM F1684	Pipe, 36% Nickel, Iron-Base (Invar 36), Specification for
KSC-SPEC-Z-0002			Cancelled 2/26/1993. Superseded by KSC-SPEC-Z-0003. KSC-SPEC-Z-0003 Cancelled 1/15/1996 and superseded by KSC-SPEC-Z-0020. KSC-SPEC-Z-0020 Cancelled 6/22/1999 and superseded by NASA-SPEC-5004	Welding Aluminum Alloy Pipe, Tubing, and Associated Fittings, Specification for
KSC-SPEC-Z-0003			Cancelled 1/15/1996. Superseded by KSC-SPEC-Z-0020. KSC-SPEC-Z-0020 Cancelled 6/22/1999 and superseded by NASA-SPEC-5004	Welding of Austenitic Stainless Steel, Carbon Steel, Aluminum Alloy, Nickel Alloy, and Low-Expansion Alloy Pipe, Tubing and Associated Fittings, Specification for
KSC-SPEC-Z-0004			Cancelled 1/15/1996. Superseded by KSC-SPEC-Z-0020. KSC-SPEC-Z-0020 Cancelled 6/22/1999 and superseded by NASA-SPEC-5004	Welding of Structural Carbon Steel, Low Alloy Steel, Austenitic Stainless Steel, and Aluminum Alloys, Specification for

NUMBER	AVAIL- ABILITY	OPR	CURRENT STATUS	TITLE
KSC-SPEC-Z-0005	EAR 99 NLR	TA	Cancelled by Rev B, 9/28/2015. Superseded by KSC-DE-512-SM, Rev L, Chg. 4, Sect. 6.4.2, 8/3/2015	Brazing-Steel, Copper, Aluminum, Nickel, and Magnesium Alloys, Specification for
KSC-SPEC-Z-0006	EAR 99 NLR	TA	Cancelled by Rev B, 9/28/2015. Superseded by KSC-DE-512-SM, Rev L, Chg. 4, Sect. 6.4.2, 8/3/2015	Induction Brazing, Aerospace Tubing Fittings, Specification for
KSC-SPEC-Z-0007	EAR 99 NLR	NE	Rev E, 10/20/1994	Tubing, Steel, Corrosion Resistant, Types 304 and 316, Seamless, Annealed, Specification for
KSC-SPEC-Z-0008	EAR 99 NLR	NE	Rev D, 8/7/2019, Chg 1, 10/18/19	Fabrication and Installation of Flared Tube Assemblies and Installation of Fittings and Fitting Assemblies, Specification for
KSC-SPEC-Z-0009	EAR 99 NLR	NE	Rev A, 1/15/1991	Lubrication, Thread, Corrosion-Resistant Steel and Aluminum Alloy Tube Fittings, Specification for
KSC-SPEC-Z-0010			Cancelled 1/15/1996. Superseded by KSC-SPEC- Z-0020. KSC-SPEC-Z-0020 Cancelled 6/22/1999 and superseded by NASA-SPEC- 5004	Welding of Extra High Strength (>90 KSI UTS) Quenched and Tempered Low-Alloy Steels, Specification for
KSC-SPEC-Z-0011			Cancelled and superseded by KSC-SPEC-F-0006, Rev B, 1/30/2009	Silicone Rubber Ablative Material to Ground Support Equipment, Application of, Specification for
KSC-SPEC-Z-0012			Cancelled 4/28/1992	Coveralls, Toxic Fuel Handlers', Specification for
KSC-SPEC-Z-0013	EAR 99 NLR	TA	Cancelled by Rev A, 9/28/2015 and superseded by KSC-DE-512-SM Rev L Chg. 4, Section 6.4.14, 8/3/2015	Penetrant, Magnetic Particle and Ultrasonic Inspection, Requirements for, Specification for
KSC-SPEC-Z-0014			Cancelled 4/30/1992	Valve, Relief Toxic Fuel Handlers' Coveralls, Specification for
KSC-SPEC-Z-0016			Cancelled 1/15/1996. Superseded by KSC-SPEC- Z-0020. KSC-SPEC-Z-0020	Automatic Welding, Stainless Steel Pipe and Tubing, Invar 36 Pipe, Carbon Steel Pipe, and Aluminum Pipe, Specification for

NUMBER	AVAIL- ABILITY	OPR	CURRENT STATUS	TITLE
			Cancelled 6/22/1999 and superseded by NASA-SPEC-5004	
KSC-SPEC-Z-0017			Cancelled 4/3/1992	Resuscitator, Miniature, Type 1, Specification for
KSC-SPEC-Z-0019	EAR 99 NLR	NE	Cancelled 11/25/2019	Age Control of Elastomeric Parts, Specification for
KSC-SPEC-Z-0020			Cancelled 6/22/1999. Superseded by NASA-SPEC-5004	Welding of Aerospace Ground Support Equipment and Related Facilities, Specification for
KSC-STD-1			Cancelled 5/18/1989. Superseded by SPECSINTAC. Now covered by UFGS MasterText Division 10-Subdivision 10 22 19	Demountable Partitions Standard
KSC-STD-2			Cancelled 5/18/1989. Superseded by SPECSINTACT. Now covered by UFGS MasterText Division 09 Subdivision 09 69 00	Elevated Floor System Standard
KSC-STD-4			Cancelled 5/18/1989. Superseded by SPECSINTACT. Now covered by UFGS MasterText, Division 10, Subdiv. 10 13 00	Office Directories, Organizational and Name Signs Standard.
KSC-STD-6	EAR 99 NLR	NE	Rev D, 5/30/1995	Cardholder Attachments and Room Numbers, Standard for
KSC-STD-7			Cancelled 8/17/1978	Carpentry, Guide Specification
KSC-STD-8			Cancelled 8/17/1978	Instructions for Preparation of Design Criteria and Functional Requirements
KSC-STD-9			Cancelled 5/18/1989. Superseded by the American Institute of Architects (AIA)	Parking Area Engineering Design Standard and Guide Specification, Part I and Part II

NUMBER	AVAIL- ABILITY	OPR	CURRENT STATUS	TITLE
			Graphic Standards and SPECSINTACT. Now covered by UFGS MasterText	
KSC-STD-11			Cancelled 6/8/1989. Superseded by National Resource Protection Physical Security Standards and DOD-5220.22M	Physical Security Standard Part I, Part II, Part III.
KSC-STD-12			Cancelled 8/17/1978	Bulletin Boards.
KSC-STD-13			Cancelled 8/17/1978	Prefabricated Metal Buildings.
KSC-STD-15			Cancelled 8/17/1978	Plumbing (Cross Connections), Engineering Design Standard
KSC-STD-118(D)			Cancelled 5/5/1992. Superseded by KHB-5310.9. KHB-5310.9 was Cancelled 2/27/1997 and superseded by KHB-1710.2C. KHB-1710.2 was Cancelled and superseded by KNPR-8715.3, 10-26-2004	Failure Mode and Effects Analysis and Single Failure Point Analysis, KSC Standard for the Preparation of
KSC-STD-122(MA)			Cancelled 10/12/1989	Determining Criticality Numbers for Priority I, II, and III Components Standard
KSC-STD-128			Cancelled 1/9/1996. Superseded by KSC-DF-107	Test Reports, Preparation of, Standard for
KSC-STD-129			Cancelled 4/25/1988	Test Procedure, Preparation of, Standard
KSC-STD-132	EAR 99 NLR	NE	Rev D, 10/24/2008, Change 4, 9/5/2019	Potting and Molding Electrical Cable Assembly Terminations, Standard for
KSC-STD-137			Cancelled 8/17/1978	Recording of Time and Cycle Sensitive Component Part Data Standard
KSC-STD-141	EAR 99 NLR	NE	Rev B, 4/11/2019	Load Test Identification and Data Marking, Standard for
KSC-STD-152-1	EAR 99 NLR	NE	Rev C, 5/15/1992	Graphic Symbols for Drawings. Part 1: Facilities, Standard for

NUMBER	AVAIL- ABILITY	OPR	CURRENT STATUS	TITLE
KSC-STD-152-2	EAR 99 NLR	NE	Cancelled 4/9/2020. Replaced by ISO 14617 Volumes 1-2	Graphic Symbols for Drawings. Part 2: Ground Support Equipment, Standard for
KSC-STD-164	EAR 99 NLR	NE	Rev B, 7/6/1992	Environmental Test Methods for Ground Support Equipment, Standard for
KSC-STD-168			Cancelled 8/17/1978	Interpretations of Drawing Terms and Tolerances, Standard
KSC-STD-169			Cancelled. Superseded by KSC-STD-E-0015.	Marking of Ground Support Equipment Standard
KSC-STD-C-0001			Cancelled - Rev E 12/12/2001 Cancelled and superseded by NASA-STD- 5008 7/10/2001.	Protective Coating of Carbon Steel, Stainless Steel and Aluminum on Launch Structures and Ground Support Equipment, Standard for
KSC-STD-CV-0001			Cancelled 9/5/1996	Software Standards for Application Software for the Real Time Data Subsystem
KSC-STD-E-0001	EAR 99 NLR	NE	Cancelled 1/27/2020	Design of Electrical Control and Monitoring Systems, Equipment (GSE), And Panels, Standard for
KSC-STD-E-0002	EAR 99 NLR	NE	Rev E, 3/12/2009, Change 1, 11/15/2016	Hazardproofing of Electrically Energized Equipment, Standard for
KSC-STD-E-0004	EAR 99 NLR	NE	Rev B, 8/12/2008	Pneumatic and Hydraulic Mechanical Components, Electrical Design, Standard for
KSC-STD-E-0005			Cancelled 8/15/1995	AC Power-Motor Starting Equipment, Standard for
KSC-STD-E-0006	EAR 99 NLR	NE	Cancelled 4/29/2020	Instrumentation and Communications Cable Applications, Standard for
KSC-STD-E-0007			Cancelled 3/1/1974. All of the requirements of this standard are included in KSC-STD-E- 0014, KSC-SPEC-E-0017 and KSC-SPEC-E-0026. KSC-SPEC-E-0026 was Cancelled 2/10/1997 and superseded by SPECINTACT. Now covered	Electrical Power Cables, Design for Installation of, Standard for

NUMBER	AVAIL- ABILITY	OPR	CURRENT STATUS	TITLE
			by UFGS MasterText Division 26 and/or Division 33	
KSC-STD-E-0009	EAR 99 NLR	NE	Rev B, 9/21/1993, Change 1 5/26/2000	Cable Numbering, Outside Plant Communication System, Standard for
KSC-STD-E-0010	EAR 99 NLR	TA	Cancelled 1/27/2020	Soldering of Electrical Connections, (Hand or Machine), Standard for
KSC-STD-E-0011	EAR 99 NLR	TA	Rev H, 1/7/2009	Electrical Power Receptacles and Plugs, Standard for
KSC-STD-E-0012	EAR 99 NLR	NE	Rev F, 1/10/2013	Facility Grounding and Lightning Protection, Standard for (Title changed from Bonding and Grounding, Standard for, by Rev D, 6/7/2000)
KSC-STD-E-0013			Cancelled 6/7/2000. Replaced by KSC-STD-E- 0012	Facility Lightning Protection Design, Standard for
KSC-STD-E-0014	EAR 99 NLR	NE	Cancelled 6/8/2020	Wire and Cable Applications, Standard for
KSC-STD-E-0015	EAR 99 NLR	NE	Rev B, 7/24/1992, Change 1 11/25/1992	Marking of Ground Support Equipment, Standard for
KSC-STD-E-0016			Cancelled 8/11/1994. Superseded by MIL-W-5086, MIL-W-16878, and MIL-W- 22759. MIL-W-5086 Cancelled 9/29/2006, use SAE-AS50861 for new acquisition. MIL-W-16878 as of 8/11/2000 became MIL- DTL-16878. MIL-W-22759 Cancelled and replaced by SAE-AS22759, 12/8/2004.	Electrical Hookup Wire Applications, Standard for
KSC-STD-E-0017			Cancelled 3/20/1997. Superseded by NFPA 70, Article 620	Elevator Electric Traveling Cable Applications, Standard for

NUMBER	AVAIL- ABILITY	OPR	CURRENT STATUS	TITLE
KSC-STD-E-0021	EAR 99 NLR	NE	10/31/2002	Telecommunication Premises Distribution Systems, Design of, Standard for (KSC)
KSC-STD-E-0022	EAR 99 NLR	NE	4/11/2013, Chg 2, 2/9/2019	Bonding, Grounding, Shielding, Electromagnetic Interference, Lightning and Transient Protection, Design Requirements for Ground Systems
KSC-STD-F-0001			Cancelled and superseded by KSC-STD-C-0001. Rev. E of KSC-STD-C-0001, 12/12/2001, was Cancelled and superseded by NASA-STD-5008 7/10/2001	Protective Coating of Carbon Steel, Standard for
KSC-STD-F-0002			Cancelled and superseded by KSC-STD-C-0001. Rev E of KSC-STD-C-0001, 12/12/2001, was Cancelled and superseded by NASA-STD-5008 7/10/2001	Coating of Marine Equipment, Standard for
KSC-STD-F-0003			Cancelled 12/19/1996. Superseded by KSC-STD-C-0001. Rev E of KSC-STD-C-0001, 12/12/2001, was Cancelled and superseded by NASA-STD-5008 7/10/2001	Protective Coating and Identification of High Pressure Gas Mobile Equipment, Standard for
KSC-STD-F-0004		NE	Rev G, 12/1/2016	Fire Protection Design, Standard for
KSC-STD-F-0005	EAR 99 NLR	NE	11/16/2010	KSC Flooring Standard
KSC-STD-G-0003	EAR99 NLR	NE	Rev B, 12/18/1988	Launch Support and Facility Components, Qualification of, Standard for
KSC-STD-P-0001	EAR 99 NLR	NE	Rev B, 4/27/1992	Preparation of Equipment or System Procurement/Performance Specifications, Standard for
KSC-STD-P-0002	EAR 99 NLR	NE	Cancelled 11/25/2019	Preparation of Component Procurement/Performance Specifications, Standard for
KSC-STD-P-0004	EAR 99 NLR	NE	Cancelled 7/5/1994 Superseded by MIL-STD-961	Process Specifications, Preparation of, Standard for

NUMBER	AVAIL- ABILITY	OPR	CURRENT STATUS	TITLE
KSC-STD-P-0005			Cancelled 7/5/1994. Superseded by MIL-STD-961	Material Specifications, Preparation of, Standard for
KSC-STD-P-0006			3/20/1995	Quick Release Pins and Pin Tethers, Standard for
KSC-STD-P-0007	EAR 99 NLR	NE	10/1/1996	NETBIOS Naming for Networks Center Domain, Workgroup, Workstation, and User Registration, Standard for (KSC)
KSC-STD-Q-0001	EAR 99 NLR	IT	Cancelled 8/7/1989 without replacement	Identification Marking for Metals, Standard
KSC-STD-S-0001B			Superseded by KSC-STD- SF-0001. KSC-STD-SF-0001 Cancelled 6/15/1989, use NSS/GO-1740.9. NSS/GO- 1740.9 superseded by NASA- STD-8719.9	Inspecting, Testing, and Certifying Fixed and Mobile Cranes (Including Auxiliary Equipment)
KSC-STD-S-0002			Superseded by KSC-STD- SF-0002. KSC-STD-SF-0002 Cancelled 7/10/1992, use Drawing 81K04331	Identification and Color Coding of Compressed Gas Cylinders
KSC-STD-S-0003			Cancelled 3/5/1997 without replacement	Color Code for Shop Machinery and Equipment
KSC-STD-S-0004			Cancelled and superseded by KSC-STD-SF-0004	Color Coding and Identification of Ground Based Piping Systems, Standard for
KSC-STD-S-0005			Superseded by KSC-STD- SF-0005. KSC-STD-SF-0005 Cancelled 3/23/1992, use 29 CFR 1910.178	Inspecting, Testing, and Certifying Forklift Trucks (and Applicable Operator Requirements), Standard for
KSC-STD-SF-0001			Cancelled 6/15/1989. Future lifting devices and equipment shall comply with NSS/GO- 1740.9. NSS/GO-1740.9 superseded by NASA-STD- 8719.9	Lifting Devices and Equipment, Safety Standard

NUMBER	AVAIL- ABILITY	OPR	CURRENT STATUS	TITLE
KSC-STD-SF-0002			Cancelled 7/10/1992. Drawing 81K04331 contains the requirements for this subject	Compressed Gas Cylinders, Safety Standard for
KSC-STD-SF-0004			Cancelled by Rev C, 9/3/15 and superseded by KSC-DE- 512-SM, Rev L, Chg 4, Sect. 5.6.3, 8/3/15	Ground Piping Systems Color Coding and Identification, Safety Standard for
KSC-STD-SF-0005	EAR 99 NLR	SA	Cancelled 3/23/1992. 29 CFR 1910.178 contains the requirements for this subject	Fork Trucks, Safety Standard for
KSC-STD-SP-0001			Cancelled 12/19/1996 without replacement	Shuttle Provisioning Procedure, General Standard for
KSC-STD-SP-0002			Cancelled 12/19/1996 without replacement	Provisioning Technical Documentation, Detail Standard for
KSC-STD-Z-0002			Cancelled 6/1/1989. Use NSS/GO-1740.9. NSS/GO- 1740.9 superseded by NASA- STD-8719.9	Lifting and Hoisting Equipment, Design Requirements for, Standard for
KSC-STD-Z-0003			Cancelled 8/9/1989. Superseded by KSC-STD-Z- 0004	Integrity of Structures Establishing and Maintaining, Standard for
KSC-STD-Z-0004			Rev F, 11/6/2002, Change 1 8/6/2009	Structural Design, Standard for (Title changed from "Structural Steel Buildings and Other Structures, Design of, Standard for")
KSC-STD-Z-0005	EAR 99 NLR	NE	Rev C, 11/20/2019	Pneumatic Ground-Support Equipment, Design of, Standard for
KSC-STD-Z-0006	EAR 99 NLR	NE	Rev B, 10/25/1995	Hypergolic Propellants Ground Support Equipment, Design of, Standard for
KSC-STD-Z-0007	EAR 99 NLR	NE	Cancelled by Rev A, 9/28/2015. Superseded by KSC-DE-512-SM, Rev L, Chg. 4, Sect. 5.2.4, 8/3/2015	Hydrocarbon Fuel Ground Support Equipment, Design of, Standard for

NUMBER	AVAIL- ABILITY	OPR	CURRENT STATUS	TITLE
KSC-STD-Z-0008	EAR 99 NLR	NE	Rev C, 10/14/1996	Ground Life Support Systems and Equipment, Design of, Standard for
KSC-STD-Z-0009	EAR 99 NLR	NE	Rev C, 8/22/1994, Amendment 1, 5/13/13	Cryogenic Ground Support Equipment, Design of, Standard for
KSC-STD-Z-0010	EAR 99 NLR	NE	Cancelled by Rev B 9/29/2011. Superseded by NASA-STD-5005 and ASHRAE Handbook- Fundamentals Code and Standards Chapter 39	Environmental Control Systems, Ground Coolant Systems, Coolant Servicing Systems and Ground Support Equipment, Design of, Standard for
KSC-STD-Z-0011	EAR 99 NLR	NE	Cancelled 12/19/1996. Superseded by Florida Administrative Code, Volume 7, Title 15, Chapter 15C-1, Sections 1.010 through 1.0110	Trailer/Equipment Tiedowns, Standard for
KSC-STD-Z-0012			Cancelled by Rev C, 9/28/2015. Superseded by KSC-DE-512-SM, Rev L, Chg. 4, Sect. 5.1, 8/3/2015	Flame Deflector Design, Standard for
KSC-STD-Z-0013			30/10/1988	Potable Water Cross-Connection Control Design for Facilities, Standard for
KSC-STD-Z-0015	EAR 99 NLR	NE	5/8/2014	Engineering Analysis, Standard for
KSC-STD-Z-0017	EAR 99 NLR	NE	5/8/2014	Engineering Analysis, Thermal/Fluid, Standard for
KSC-TM-584			Rev C, 11/1/1994	Corrosion Control and Treatment Manual
KSC-W-151(DP)			Cancelled 8/15/1995. Requirements are covered by MIL-STD-1130 and NHB 5300.4(3H). MIL-STD-1130 was Cancelled 9/10/1999 without replacement. NHB-	Solderless Wrap Process, Electrical Connections, Specification for

NUMBER	AVAIL- ABILITY	OPR	CURRENT STATUS	TITLE
			5300.4(3H) Cancelled by NASA-STD-8739.4	
KSC-W-167	EAR 99 NLR	NE	Rev B, 7/25/1994	Wiring Programming System Patchboards, Specification for
KSC-W-179			Cancelled. Superseded by KSC-SPEC-Z-0003. KSC- SPEC-Z-0003 Cancelled 1/15/1996 and superseded by KSC-SPEC-Z-0020. KSC- SPEC-Z-0020 Cancelled 6/22/1999 and superseded by NASA-SPEC-5004	Welding of Stainless Steel and Invar Pipe, Tubing, and Associated Fittings, Specification for
KSC-W-180	EAR 99 NLR		Cancelled. Superseded by KSC-SPEC-Z-0002. KSC- SPEC-Z-0002 Cancelled 2/26/1993 and superseded by KSC-SPEC-Z-0003. KSC- SPEC-Z-0003 Cancelled 1/15/1996 and superseded by KSC-SPEC-Z-0020. KSC- SPEC-Z-0020 Cancelled 6/22/1999 and superseded by NASA-SPEC-5004	Welding of Aluminum Alloy, Pipe, Tubing, and Associated Fittings, Specification
NASA-SPEC-5004	PUBLIC	KSC TA	Cancelled. Replaced by AWS D17.1 plus a few additional requirements listed in section 6.4.1 of NASA-STD-5005	Welding of Aerospace Ground Support Equipment and Related Nonconventional Facilities
NASA-STD-5005	PUBLIC	KSC NE	Rev D, 6/14/2013, Reaffirmed 10/5/2017	Standard for the Design and Fabrication of Ground Support Equipment
NASA-STD-5008	PUBLIC	KSC TA	Rev B, 3/18/11, Change 1, 5/31/2016	Protective Coating of Carbon Steel, Stainless Steel, and Aluminum On Launch Structures, Facilities, and Ground Support Equipment

<b>NUMBER</b>	<b>AVAIL- ABILITY</b>	<b>OPR</b>	<b>CURRENT STATUS</b>	<b>TITLE</b>
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## **KEYWORD LIST OF KSC SPECIFICATIONS AND STANDARDS**

NUMBER	AVAIL- ABILITY	OPR	CURRENT STATUS	TITLE
KSC-SPEC-U-0004			Cancelled 7/29/1994	400 Hertz Analog Multiplexer, Design Criteria, Specification for
KSC-SPEC-E-0023	EAR 99 NLR	NE	Cancelled 6/8/2020	AC Power Cable, 15,000 volt, 60 Hertz, Procurement of, Specification for
KSC-SPEC-E-0022	EAR 99 NLR	NE	Cancelled 6/8/2020	AC Power Cable, 5,000 Volt, 60 Hertz, Procurement of, Specification for
KSC-SPEC-E-0019	EAR 99 NLR	NE	Cancelled 6/8/2020	AC Power Cable, General Purpose, Multi-Conductor, 600 Volt, 60 Hertz, Procurement of, Specification for
KSC-SPEC-E-0021	EAR 99 NLR	NE	Cancelled 6/8/2020	AC Power Cable, Interlocked Armored, 600 Volt, 60 Hertz, Procurement of, Specification for
KSC-SPEC-E-0020	EAR 99 NLR	NE	Cancelled 6/8/2020	AC Power Cable, Mineral Insulated, 600 Volt, 60 Hertz, Procurement of, Specification for
KSC-SPEC-E-0018	EAR 99 NLR	NE	Cancelled 6/8/2020	AC Power Wire, General Purpose, Single Conductor, 600 Volt, 60 Hertz, Procurement of, Specification for
KSC-STD-E-0005			Cancelled 8/15/1995	AC Power-Motor Starting Equipment, Standard for
KSC-SPEC-Z-0019	EAR 99 NLR	TA	Cancelled 11/25/2019	Age Control of Elastomeric Parts, Specification for
KSC-SPEC-P-0006			Cancelled 1/3/1997	Air Conditioning Unit-Portable, Trailer Mounted, Electrically Driven, Self-Contained, Nominal, 40 Ton Capacity, Technical Specifications for
KSC-SPEC-E-0001			Cancelled 5/10/1996	Application of Coating, Conformal (Polyurethane), Printed Circuit Assemblies, Specification for
KSC-SPEC-Z-0016			Cancelled 1/15/1996. Superseded by KSC-SPEC-Z-0020. KSC-SPEC-Z-0020 Cancelled 6/22/1999 and superseded by NASA-SPEC-5004.	Automatic Welding, Stainless Steel Pipe and Tubing, Invar 36 Pipe, Carbon Steel Pipe, and Aluminum Pipe, Specification for
KSC-STD-E-0012			Rev F, 1/10/2013	Bonding and Grounding, Standard for (Title changed to Facility Grounding and Lightning Protection, Standard for by Rev D, 6/7/2000)

NUMBER	AVAIL- ABILITY	OPR	CURRENT STATUS	TITLE
KSC-STD-E-0022	EAR 99 NLR	NE	4/11/2013; Change 1, 8/15/2016	Bonding, Grounding, Shielding, Electromagnetic Interference, Lightning and Transient Protection, Design Requirements for Ground Systems
KSC-SPEC-Z-0005	EAR 99 NLR	TA	Cancelled by Rev B, 9/28/2015. Superseded by KSC-DE-512-SM, Rev L, Chg. 4, Sect. 6.4.2, 8/3/2015	Brazing-Steel, Copper, Aluminum, Nickel, and Magnesium Alloys, Specification for
KSC-STD-12			Cancelled 8/17/1978	Bulletin Boards
KSC-SPEC-E-0024	EAR 99 NLR	NE	Rev A, 8/2/2008	Cable, Electrical, Shielded, Jacketed, for Harness Assemblies, General Specification for (Rev A includes all detail specifications sheets: /1 - /6)
KSC-STD-E-0009	EAR 99 NLR	NE	Rev B, 9/21/1993, Change 1 5/26/2000	Cable Numbering, Outside Plant Communication System, Standard for
KSC-SPEC-E-0031	EAR 99 NLR		Rev B, 8/8/2008	Cables, Electrical, Specification for (supersedes MSFC-Spec-332E)
KSC-SPEC-E-0007			Cancelled 9/1994	Capacitor, Fixed, Glass Dielectric, High Reliability (Style KCYFR 10/15/20/30), Specification for
KSC-SPEC-E-0008			Cancelled. Use MIL-C-19978. MIL-C-19978F became MIL- PRF-19978G on 5/27/1999	Capacitors, Fixed, Paper or Paper-Plastic (Style KCPV09), Specification for
KSC-SPEC-E-0010			Cancelled 7/8/1994	Capacitors, Fixed, Plastic Dielectric Nonmetallic Case (Style KCTM) Specification for
KSC-C-113			Cancelled 6/24/1994	Capacitors, Fixed, Polarized, Tantalum Foil (Style KCL51 and KCL53) Specification
KSC-C-111			Cancelled 7/1/1994	Capacitors, Fixed, Solid, Tantalum (KCS13) Specification
KSC-C-110			Cancelled 7/8/1994	Capacitors, Fixed, Tantalum (Polarized, Etched Foil) (Style KCL33) Specification
KSC-C-109			Cancelled 6/16/1994	Capacitors, Fixed, Tantalum (Polarized, Plain Foil) (Style KCL31) Specification
KSC-C-133			Cancelled 12/19/1996. Superseded by ECA-535 Series	Capacitors, Fixed, Tantalum (Polarized, Sintered-Slug) (Style KCL65) Specification

NUMBER	AVAIL- ABILITY	OPR	CURRENT STATUS	TITLE
KSC-SPEC-E-0009			Cancelled 6/24/1994	Capacitors, Fixed, Tantalum, Nonpolar, Etched Foil, (Style KCL23) Specification for
KSC-SPEC-E-0011			Cancelled 7/1/1994	Capacitors, Fixed, Tantalum, Polarized, Etched Foil (Style KCL21) Specification for
KSC-STD-6	EAR 99 NLR	NE	Rev D, 5/30/1995	Cardholder Attachments and Room Numbers, Standard for
KSC-STD-7			Cancelled 8/17/1978	Carpentry, Guide Specification
KSC-SPEC-F-0019			Cancelled 1/6/1997	CIF M6-342 Built-Up Roof Repair
KSC-STD-F-0002			Cancelled 12/19/1996. Superseded by KSC-STD-C-0001. Rev E of KSC-STD-C-0001, 12/12/2001, was Cancelled and superseded by NASA-STD-5008 7/10/2001	Coating of Marine Equipment, Standard for
KSC-SPEC-F-0020			Cancelled. Superseded by KSC-STD-C-0001. Rev. E of KSC-STD-C-0001, 12/12/01, was Cancelled and superseded by NASA-STD-5008, 7/10/2001	Coating, Organic and Inorganic Zinc Rich, Specification for
KSC-SPEC-Q-0001			Cancelled 8/15/1995. Requirements covered by MIL-I-46058 Type UR; Program driven requirements covered by MSFC-SPEC 507 and NHB-5300.4(3J). MIL-I-46058 inactive for new design, 11/30/1998, and will be Cancelled when no longer needed for acquisition. NHB-5300.4(3J) was Cancelled 6/20/1996 by NAS-5300.4(3J). NAS-5300.4(3J)	Coatings, Conformal, Protective, Environmental, for Printed-Circuit Assemblies, Specification for

NUMBER	AVAIL- ABILITY	OPR	CURRENT STATUS	TITLE
			was Cancelled 8/6/1999 and superseded by NASA-STD-8739.1	
KSC-STD-S-0003			Cancelled 3/5/1997 without replacement	Color Code for Shop Machinery and Equipment
KSC-STD-S-0004			Cancelled. Superseded by KSC-STD-SF-0004	Color Coding and Identification of Ground Based Piping Systems, Standard for
KSC-SPEC-G-0002	EAR 99 NLR	NE	Rev B, 7/1/1986	Compiling Construction Cost Estimates, Specification for
KSC-SPEC-U-0003			Cancelled 4/17/1995	Complex 36 Analog Multiplexer, Design Criteria, Specification for
KSC-STD-P-0002	EAR 99 NLR	NE	Cancelled 11/25/2019	Component Procurement/Performance Specifications, Preparation of, Standard for
KSC-SPEC-E-0029	EAR 99 NLR	NE	Cancelled 10/30/2019	Compound, Potting and Molding, Elastomeric, Specification for
KSC-STD-SF-0002			Cancelled 7/10/1992. Drawing 81K04331 contains the requirements for this subject	Compressed Gas Cylinders, Safety Standard for
KSC-SO-S-9	EAR 99 NLR	TA	Rev J, 6/1993	Compressed Gas Trailers and Movable Storage Units, Retest and Refurbishment of, Standard for
KSC-SPEC-P-0002			Cancelled 6/16/1994	Contract End Item Detail Specification (Cryogenic Accelerometer and Impedance Unit) Performance/Design and Product Configuration Requirements
KSC-SPEC-M-0001			Cancelled 7/8/1994	Contract End Item Detail Specification (Low Frequency Accelerometer) Performance/Design and Product Configuration Requirements
KSC-SPEC-P-0003			Cancelled 10/11/1994	Contract End Item Detail Specification (Medium Frequency Accelerometer and Impedance Unit) Performance/Design and Product Configuration Requirements
KSC-SPEC-F-0002			Cancelled 1/21/1997. Superseded by 67-MK-614 SPEC.	Converter Compressor Operations Building, LC 39, Specification for

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KSC-SPEC-M-0022			Cancelled 7/22/1994	Corona Current Detector, Specification for
KSC-TM-584	EAR 99 NLR		Rev C, 11/1/1994	Corrosion Control and Treatment Manual
KSC-SPEC-Z-0012			Cancelled 4/28/1992	Coveralls, Toxic Fuel Handlers', Specification for
KSC-STD-Z-0009	EAR 99 NLR	NE	Rev C, Amendment 1, 5/13/13	Cryogenic Ground Support Equipment, Design of, Standard for
KSC-SPEC-M-0008			Cancelled 6/24/1994	Cryogenic Strain Gage Pressure Transducer, Specification for
KSC-SPEC-M-0019			Cancelled 7/8/1994	DAS Operation and Tape Format Verification System, Specification for
KSC-SPEC-M-0018			Cancelled 9/1994	Data Digitizing System, Mobile Instrumentation Van, Specification for
KSC-STD-1			Cancelled 5/18/1989. Superseded by SPECSINTACT. Now covered in UFGS MasterText Div. 10, Subdivision 10 22 19	Demountable Partitions Standard
KSC-GP-986	EAR 99 NLR		Cancelled 1/27/20	Design Criteria for Reusable Space Vehicle Umbilical Systems
KSC-STD-E-0001	EAR 99 NLR	NE	Cancelled 1/27/2020	Design of Electrical Control and Monitoring Systems, Equipment (GSE), and Panels, Standard for
KSC-DTI			Cancelled 4/1978	Design Technical Instructions
KSC-STD-122(MA)			Cancelled 10/12/1989	Determining Criticality Numbers for Priority I, II, and III Components Standard
KSC-SPEC-M-0017			Cancelled 9/1994	Discrete Function Transmission System, Specification for
KSC-D-327			Cancelled by KSC-GP-435	Drawings, Engineering and Associated Lists, Specification
KSC-SPEC-M-0020			Cancelled 6/24/1994	Dual Pen Null Balance Analog Strip Chart Recorder, Specification for
KSC-SPEC-E-0031	EAR 99 NLR	NE	Rev B, 8/8/2008	Cables, Electrical, Specification for (supersedes MSFC-Spec-332E)

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KSC-SPEC-E-0026			Cancelled 2/10/1997. Superseded by SPECSINTACT. Now covered in UFGS MasterText Division 26	Electrical Facilities Installations Specification for
KSC-GP-864 VOLUME 2A	EAR 99 NLR	NE	Rev B, 10/16/09, Change 1, 6/4/2013	Electrical Ground Support Equipment Cable Handbook
KSC-E-165	EAR 99 NLR	NE	Rev E, 2/2/09, Change 5, 9/5/2019	Electrical Ground Support Equipment Fabrication, Specification for
KSC-E-166	EAR 99 NLR	NE	Rev C, 3/20/09, Change 4, 3/2/2017	Electrical Ground Support Equipment (GSE), Installation and Assembly, Specification for
KSC-NE-10074	EAR 99 NLR	NE	9/30/2013	Electrical Ground Support Equipment (EGSE) Qualification Test Plan
KSC-STD-E-0016			Cancelled 8/11/1994. Superseded by MIL-W-5086, MIL-W-16878, and MIL-W- 22759. MIL-W-5086 Cancelled 9/29/2006, use SAE-AS50861 for new acquisition. MIL-W-16878 as of 8/11/2000 became MIL- DTL-16878. MIL-W-22759 Cancelled and replaced by SAE-AS22759, 12/8/2004	Electrical Hookup Wire Applications, Standard for
KSC-SPEC-E-0016			Cancelled. All information in this specification is included in KSC-SPEC-E-0018 through KSC-SPEC-E-0023	Electrical Power Cable, Procurement of, General Specification for
KSC-SPEC-E-0017	EAR 99 NLR	NE	Cancelled 6/8/2020	Electrical Power Cable, Installation of, Specification for
KSC-STD-E-0007			Cancelled 3/1/1974. All of the requirements of this standard are included in KSC-STD-E- 0014, KSC-SPEC-E-0017	Electrical Power Cables, Design for Installation of, Standard for

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			and KSC-SPEC-E-0026. KSC-SPEC-E-0026 was Cancelled 2/10/1997 and superseded by SPECSINTACT. Now covered in UFGS MasterText Division 26 and/or Division 33	
KSC-STD-E-0011	EAR 99 NLR	TA	Rev H, 1/7/2009	Electrical Power Receptacles and Plugs, Standard for
KSC-STD-2			Cancelled 5/18/1989. Superseded by SPECSINTACT. Now covered in UFGS MasterText Division 09 Subdiv. 09 69 00	Elevated Floor System Standard
KSC-STD-E-0017			Cancelled 3/20/1997. Superseded by NFPA 70, Article 620.	Elevator Electric Traveling Cable Applications, Standard for
KSC-SPEC-E-0028			Cancelled 3/20/1997. Superseded by NFPA 70, Article 620	Elevator Electric Traveling Cable, Procurement of, Specification for
KSC-STD-Z-0015	EAR 99 NLR	NE	5/8/2014	Engineering Analysis, Standard for
KSC-STD-Z-0017	EAR 99 NLR	NE	5/8/2014	Engineering Analysis, Thermal/Fluid, Standard for
KSC-GP-435 VOLUME 1		NE	Rev G, 4/18/14, Change 1, 3/26/2015	Engineering Drawing Practices. Volume 1: Aerospace and Ground Support Equipment
KSC-GP-435 VOLUME 2	EAR 99 NLR	NE	Rev C, 7/6/2020	Engineering Drawing Practices. Volume 2: Facilities
KSC-STD-Z-0010	EAR 99 NLR	NE	Cancelled by Rev B 9/29/2011. Superseded by NASA-STD-5005 and ASHRAE Handbook-	Environmental Control Systems, Ground Coolant Systems, Coolant Servicing Systems and Ground Support Equipment, Design of, Standard for

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			Fundamentals Code and Standards Chapter 39	
KSC-STD-164	EAR 99 NLR	NE	Rev B, 7/6/1992	Environmental Test Methods for Ground Support Equipment, Standard for
KSC-STD-P-0001	EAR 99 NLR	NE	Rev B, 4/27/1992	Equipment or System Procurement/Performance Specifications, Preparation of, Standard for
KSC-SPEC-U-0001			Cancelled 7/29/1994	Event Monitor System Multiplexer Design Criteria, Specification for
KSC-SPEC-U-0002			Cancelled 7/29/1994	Event Monitor System Multiplexer, Gantry Test Rack, Design Criteria, Specification for
KSC-SPEC-F-0005			Cancelled 1/3/1997. Superseded by 68 DE-FAC 061 SPEC	Fabrication, Installation and Testing of Emergency Braking Safety Mechanisms for Platforms Numbers 1 and 2, LC-39 Mobile Service Structure, Specification for
KSC-STD-E-0012	EAR 99 NLR	NE	Rev F, 1/10/2013	Facility Grounding and Lightning Protection, Standard for (Title changed from Bonding and Grounding, Standard for by Rev D, 6/7/2000)
KSC-STD-E-0013			Cancelled 6/7/2000. Replaced by KSC-STD-E-0012	Facility Lightning Protection Design, Standard for
KSC-DE-512-SM	EAR 99 NLR	NE	Rev I-M, 3/18/19	Facility Systems, Ground Support Systems, and Ground Support Equipment General Design Requirements
KSC-STD-118(D)			Cancelled 5/5/1992. Superseded by KHB 5310.9. KHB-5310.9 Cancelled 2/27/1997 and superseded by KHB-1710.2C. KHB-1710.2 was Cancelled and superseded by KNPR-8715.3, 10/26/2004	Failure Mode and Effects Analysis and Single Failure Point Analysis, KSC Standard for the Preparation of
KSC-STD-F-0004	EAR 99 NLR	NE	Rev G, 12/1/2016	Fire Protection Design, Standard for

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KSC-F-124	EAR 99 NLR	NE	Rev E,1/31/1994	Fittings, Flared Tube, Specification for
KSC-STD-Z-0012	EAR 99 NLR	NE	Cancelled by Rev C, 9/28/2015. Superseded by KSC-DE-512-SM, Rev L, Chg. 4, Sect. 5.1, 8/3/2015	Flame Deflector Design, Standard for
KSC-SPEC-Z-0008	EAR 99 NLR	NE	Rev D, 8/7/2019, Chg 1, 10/18/19	Flared Tube Assemblies and Installation of Fittings and Fitting Assemblies, Fabrication and Installation of, Specification for
KSC-GP-425	EAR 99 NLR	NE	Rev G, 9/8/1997, Amendment 4, 2/11/15	Fluid Fitting Engineering Standards
KSC-STD-SF-0005			Cancelled 3/23/1992. 29 CFR 1910.178 contains the requirements for this subject	Fork Trucks, Safety Standard for
KSC-SPEC-P-0016	EAR 99 NLR	SA	Cancelled by Rev B, 6/20/16 and superseded by 80K57087 Rev B, 3/8/02, and 80K57049 Rev B, 3/8/02	Garment Snap Fastener, Minimum Requirements for, Specification for
KSC-SPEC-P-0015	EAR 99 NLR	SA	Cancelled by Rev C, 6/20/16 and superseded by 80K57087, dated 3/8/02	Garments Used in Cleanroom Environments for Hazardous Operations, Minimum Requirements for, Specification for
KSC-SPEC-P-0014	EAR 99 NLR	SA	Cancelled 6/20/16 and superseded by SFOC- GO0016, Basic, dated 9/28/1998	Garments Used in Non-Cleanroom Environments for Hazardous Operations, Minimum Requirements for, Specification for
KSC-C-182			Cancelled 5/5/1992. Requirements in this document are covered by JSC-SE-S-0073 which has been retired per Program Requirements Control Board Directive (PRCBD) DIR000096, dated 11/28/11 and released for on-line	Gas Cleanliness Requirements for Operational Gaseous Nitrogen, Helium, and Hydrogen Systems at Complex 39, Specification for

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			viewing on the Space Shuttle Program Documentation Center (PDC)	
KSC-SPEC-P-0007			Cancelled 2/20/1997	Glass, Laminated, Flat, Tinted, Specification for
KSC-STD-152-1	EAR 99 NLR	NE	Rev C, 5/15/1992	Graphic Symbols for Drawings. Part 1: Facilities, Standard for
KSC-STD-152-2	EAR 99 NLR	NE	Cancelled 4/9/2020. Replaced by ISO 14617 Volumes 1-2	Graphic Symbols for Drawings. Part 2: Ground Support Equipment, Standard for
KSC-STD-Z-0008	EAR 99 NLR	NE	Rev C, 10/14/1996	Ground Life Support Systems and Equipment, Design of, Standard for
KSC-STD-SF-0004	EAR 99 NLR	SA	Cancelled by Rev C, 9/3/15 and superseded by KSC-DE- 512-SM, Rev L, Change 4, Sect. 5.6.3, 8/3/15	Ground Piping Systems Color Coding and Identification, Safety Standard for
KSC-SPEC-G-0003	EAR 99 NLR	NE	7/5/1977	Ground Support Equipment Cost Estimating, Specification for
KSC-M-125			Cancelled 7/20/1990. Superseded by KSC-GP-435.	Ground Support Equipment Manual for Drafting and Design, Preparation and Maintenance of, Specification for
KSC-STD-E-0002	EAR 99 NLR	NE	Rev E, 3/12/2009, Change 1, 11/15/2016	Hazardproofing of Electrically Energized Equipment, Standard for
KSC-SPEC-E-0025			Cancelled 6/16/1994	Headset, Microphone and Cord Assembly, Specification for
KSC-SPEC-F-0006	EAR 99 NLR	NE	Rev B, 1/30/2009	Heat and Blast Protection Coating Materials and Application Methods, Specification for
KSC-SPEC-E-0012	EAR 99 NLR	TA	Cancelled 10/30/2019	Heat and Blast Protection Coating Materials for Electrical Cables, Specification for
KSC-SPEC-F-0015			Cancelled 1/3/1997	Honeycomb Paneling for MSS Floors, Walkways, and Roofs
KSC-STD-Z-0007	EAR 99 NLR	NE	Cancelled by Rev A, 9/28/2015. Superseded by	Hydrocarbon Fuel Ground Support Equipment, Design of, Standard for

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			KSC-DE-512-SM, Rev L, Chg. 4, Sect. 5.2.4, 8/3/2015	
KSC-SPEC-M-0016			Cancelled 6/16/1994	Hydrogen Hazards Analog System, Launch Complex 39, Specification for
KSC-STD-Z-0006	EAR 99 NLR	NE	Rev B 10/25/1995	Hypergolic Propellants Ground Support Equipment, Design of, Standard for
KSC-STD-S-0002			Superseded by KSC-STD-SF-0002. KSC-STD-SF-0002 Cancelled 7/10/1992, use Drawing 81K0433	Identification and Color Coding of Compressed Gas Cylinders
KSC-STD-Q-0001			Cancelled 8/7/1989 without replacement.	Identification Marking for Metals, Standard
KSC-SPEC-Z-0006	EAR 99 NLR	TA	Cancelled by Rev B, 9/28/2015. Superseded by KSC-DE-512-SM, Rev L, Chg. 4, Sect. 6.4.2, 8/3/2015	Induction Brazing, Aerospace Tubing Fittings, Specification for
KSC-STD-S-0001B			Superseded by KSC-STD-SF-0001. KSC-STD-SF-0001 Cancelled 6/15/1989, use NSS/GO-1740.9. NSS/GO- 1740.9 was superseded by NASA-STD-8719.9, 5/9/2002.	Inspecting, Testing, and Certifying Fixed and Mobile Cranes (Including Auxiliary Equipment)
KSC-STD-S-0005			Superseded by KSC-STD-SF-0005. KSC-STD-SF-0005 Cancelled 3/23/1992, use 29 CFR 1910.17	Inspecting, Testing, and Certifying Forklift Trucks (and Applicable Operator Requirements), Standard for
KSC-STD-8			Cancelled 8/17/1978	Instructions for Preparation of Design Criteria and Functional Requirements
KSC-STD-E-0006	EAR 99 NLR	NE	Cancelled 4/29/2020	Instrumentation and Communications Cable Applications, Standard for
KSC-STD-Z-0003			Cancelled 8/9/1989. Superseded by KSC-STD-Z- 0004.	Integrity of Structures Establishing and Maintaining, Standard for
KSC-STD-168			Cancelled 8/17/1978	Interpretations of Drawing Terms and Tolerances, Standard

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KSC-STD-G-0003	EAR 99 NLR	NE	Rev B, 12/18/1988	Launch Support and Facility Components, Qualification of, Standard for
KSC-STD-F-0005	EAR 99 NLR	TA	11/16/2010	KSC Flooring Standard
KSC-STD-Z-0002			Cancelled 6/1/1989. Use NSS/GO-1740.9. NSS/GO- 1740.9 was superseded by NASA-STD-8719.9, 5/9/2002	Lifting and Hoisting Equipment, Design Requirements for, Standard for
KSC-STD-SF-0001			Cancelled 6/15/1989. Future lifting devices and equipment shall comply with NSS/GO- 1740.9. NSS/GO-1740.9 was superseded by NASA-STD- 8719.9, 5/9/2002	Lifting Devices and Equipment, Safety Standard
KSC-SPEC-M-0007			Cancelled 4/17/1995	Lightning Instrumentation Systems at KSC, Specification for
KSC-SPEC-M-0021			Cancelled 4/17/1995	Lightning Warning System KSC Data Processor, Specification for
KSC-SPEC-M-0006			Cancelled 7/29/1994	Line Driving Amplifier Specification
KSC-STD-141	EAR 99 NLR	NE	Rev B, 4/11/2019	Load Test Identification and Data Marking, Standard for
KSC-SPEC-P-0005			Cancelled 1/22/1997	Long Form Spare Parts Provisioning, General Specification for
KSC-SPEC-M-0014			Cancelled 7/22/1994	Low Frequency Low "G" Accelerometer, Specification for
KSC-SPEC-Z-0009	EAR 99 NLR	NE	Rev A, 1/15/1991	Lubrication, Thread, Corrosion-Resistant Steel and Aluminum Alloy Tube Fittings, Specification for
KSC-STD-169			Cancelled. Superseded by KSC-STD-E-0015	Marking of Ground Support Equipment Standard

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KSC-STD-E-0015	EAR 99 NLR		Rev B, 7/24/1992, Change 1 11/25/1992	Marking of Ground Support Equipment, Standard for
KSC-KTI-5210	EAR 99 NLR	NE	Rev B, 10/1/2004	Material Selection List for All Oxygen and Air Systems
KSC-STD-P-0005			Cancelled 7/5/1994. Superseded by MIL-STD-961	Material Specifications, Preparation of, Standard for
KSC-SPEC-M-0013			Cancelled 4/17/1995	Measurement Systems Division Instrumentation at the Meteorological Prediction Center, Specification for
KSC-SPEC-M-0025			Cancelled 4/17/1995	Meteorological Instrumentation Systems at KSC, Specification for
KSC-SPEC-E-0002	EAR 99 NLR	NE	Rev A 8/24/2010	Modular Electrical Enclosures, Racks, Consoles, and Accessories, Specification for (Title changed from Modular Enclosures (Cabinets, Consoles) and Accessories, Radio Frequency Interference Shielded, Specification for)
KSC-M-117 (D)			Cancelled 12/19/1996. Superseded by NEMA MG1	Motors, Alternating Current, Integral Horsepower for Ground Support Equipment, Specification
KSC-SPEC-M-0005			Cancelled 7/29/1994	Multiplex Transmission and Receiving System Specification
KSC-STD-P-0007	EAR 99 NLR	IT	10/1/1996	NETBIOS Naming for Networks Center Domain, Workgroup, Workstation, and User Registration, Standard for (KSC)
KSC-STD-4			Cancelled 5/18/1989. Superseded by SPECSINTACT. Now covered in UFGS MasterText Division 10 Subdiv. 10 13 00	Office Directories, Organizational and Name Signs Standard
KSC-SPEC-F-0011			Cancelled 1/7/1997. Superseded by 203-805 SPEC	Ordnance Operations Facility, Specification for
KSC-P-116			Cancelled 8/24/1994	Packaging and Marking for Cables and Harnesses, Procedure for
KSC-P-127/1			Cancelled 11/7/1994	Packaging, Packing, Marking for Shipment and Storage of Motors and Motor Drive Sets
KSC-P-127			Cancelled 2/4/1997	Packaging, Packing, Marking, for Shipment and Storage of Ground Support Equipment, General Specification

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KSC-STD-9			Cancelled 5/18/1989. Superseded by the American Institute of Architects (AIA) Graphic Standards and SPECSINTACT. Now covered in UFGS MasterText	Parking Area Engineering Design Standard and Guide Specification, Part I and Part II
KSC-SPEC-P-0011			Cancelled 9/15/1995. Use SPI SP-601(2)K. SPI SP- 601(2)K Cancelled and superseded by USA004756, 10/3/2002	Particulate Screening Reverification Sample Requirements on Space Shuttle Ground Systems
KSC-SPEC-P-0009			Cancelled 1/7/1997. Superseded by Florida Department of Transportation (FDOT) Standards and the Manual on Uniform Traffic Control Devices	Pavement Markings, Specification for
KSC-SPEC-Z-0013	EAR 99 NLR	TA	Cancelled by Rev A, 9/28/2015 and superseded by KSC-DE-512-SM Rev L, Chg. 4, Section 6.4.14, 8/3/2015	Penetrant, Magnetic Particle and Ultrasonic Inspection, Requirements for, Specification for
KSC-SPEC-P-0001			Cancelled 1/3/1997	Performance Specification for Design, Fabrication, and Test of Compartment Cooling Unit for S IV B Instrument Unit Project Apollo
KSC-STD-11			Cancelled 6/8/1989. Superseded by National Resource Protection Physical Security Standards and DOD- 5220.22M	Physical Security Standard Part I, Part II, Part III
KSC-SPEC-Z-0001	EAR 99 NLR	TA	Cancelled by Rev B, 9/28/2015. Superseded by ASTM F1684	Pipe, 36% Nickel, Iron-Base (Invar 36), Specification for
KSC-SPEC-M-0012			Cancelled 7/22/1994	Platinum Temperature Transducer, Specification for
KSC-STD-15			Cancelled 8/17/1978	Plumbing (Cross Connections), Engineering Design Standard

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KSC-STD-E-0004	EAR 99 NLR	NE	Rev B, 8/13/2008	Pneumatic and Hydraulic Mechanical Components, Electrical Design, Standard for
KSC-STD-Z-0005	EAR 99 NLR		Rev C, 11/20/2019	Pneumatic Ground-Support Equipment, Design of, Standard for
KSC-SPEC-M-0024		NE	Cancelled 9/1994	Portable Data Acquisition System Incrementing Tape Recorder Writing Computer Compatible Magnetic Tape, Specification for
KSC-STD-Z-0013	EAR 99 NLR	NE	3/10/1988	Potable Water Cross-Connection Control Design for Facilities, Standard for
KSC-STD-132	EAR 99 NLR		Rev D, 10/24/2008, Change 4, 9/5/2019	Potting and Molding Electrical Cable Assembly Terminations, Standard for
KSC-SPEC-F-0003		NE	Cancelled 1/7/1997. Superseded by 67-MK-663 SPEC.	Pre-Cleaning Laboratory Addition Fluid Test Support Building (M7-1061), Technical Specifications for
KSC-STD-13			Cancelled 8/17/1978	Prefabricated Metal Buildings
KSC-MTB-175-88	EAR 99 NLR		9/12/1994	Procedure for Casual Exposure of Materials to Hypergolic Fluids
KSC-STD-P-0004			Cancelled 7/5/1994. Superseded by MIL-STD-961.	Process Specifications, Preparation of, Standard for
KSC-SPEC-F-0006-AMPL			Cancelled by and incorporated into Rev B of KSC-SPEC-F-0006, 1/30/2009	Products Approved under KSC Specification KSC-SPEC-F-0006-AMPL-7
KSC-SPEC-P-0026	EAR 99 NLR	TA	7/1/2002: Rev A, Not. Cancellation 8/27/2017	Propellants, Recovered Halon-1301, Specification for
KSC-SPEC-P-0017	EAR 99 NLR	NE	Cancelled 11/25/2019	Propellants, Recovered Hydrazine Family Fuels, Specification for
KSC-SPEC-P-0018	EAR 99 NLR	TA	7/10/1995	Propellants, Recovered Nitrogen Tetroxide Solution, Specification for
KSC-SPEC-P-0025	EAR 99 NLR	TA	6/6/2002	Propylene Glycol Monomethyl Ether (PGME) 1-Methoxy-2-Propanol, Specification for

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KSC-STD-F-0003			Cancelled 2/10/1997	Protective Coating and Identification of High-Pressure Gas Mobile Equipment, Standard for
KSC-SPEC-C-0001			Cancelled. Superseded by KSC-STD-C-0001. Rev E of KSC-STD-C-0001, 12/12/2001, was Cancelled and superseded by NASA-STD-5008, 7/10/2001	Protective Coating of Carbon Steel, Specification for
NASA-STD-5008	PUBLIC	KSC TA	Rev B 3/18/2011	Protective Coating of Carbon Steel, Stainless Steel, and Aluminum on Launch Structures, Facilities, and Ground Support Equipment
KSC-STD-C-0001			Cancelled - Rev E, 12/12/2001, was Cancelled and superseded by NASA-STD-5008 7/10/2001	Protective Coating of Carbon Steel, Stainless Steel and Aluminum on Launch Structures and Ground Support Equipment, Standard for
KSC-STD-F-0001			Cancelled. Superseded by KSC-STD-C-0001. Rev E of KSC-STD-C-0001, 12/12/2001, was Cancelled and superseded by NASA-STD-5008 7/10/2001	Protective Coating of Carbon Steel, Standard for
KSC-STD-SP-0002			Cancelled 12/19/1996 without replacement	Provisioning Technical Documentation, Detail Standard for
KSC-SPEC-F-0007			Cancelled 1/3/1997	Pumps, 25,000 and 35,000, Piping, and Flap Gates, Specification for
KSC-STD-P-0006	EAR 99 NLR	NE	3/20/1995	Quick Release Pins and Pin Tethers, Standard for
KSC-P-127/2			Cancelled 8/24/1994	Racks, Consoles, Panels and Distributors, Packaging, Marking and Storage of
KSC-STD-137			Cancelled 8/17/1978	Recording of Time and Cycle Sensitive Component Part Data Standard
KSC-SPEC-P-0012	EAR 99 NLR	TA	Cancelled 10/30/2019	Refractory Concrete, Specification for

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KSC-SPEC-P-0024	EAR 99 NLR	TA	2/26/2001	Refrigerant, HCFC-124, 2-Chloro-1,1,1,2-Tetrafluoroethane, Specification for
KSC-E-1004			Cancelled 1/6/1997	Refurbishment of Geodesic Dome K7-1205G, KSC, Technical Specification for
KSC-SPEC-M-0023			Cancelled 7/22/1994	Remote Calibrate and Remote Gain Change Amplifier System, Specification for
KSC-SPEC-P-0008			Cancelled 1/6/1997	Repainting of 500 Foot Weather Tower J6-490A, Specifications for
KSC-R-104			Cancelled 7/22/1994	Resistor, Fixed, Power, Wirewound (Chassis Mount) (Style KRE65/70/75)
KSC-R-148			Cancelled 6/24/1994	Resistors, Composition Carbon (Styles KRC07/20/32/42) Specification for
KSC-R-102			Cancelled 7/1/1994	Resistors, Fixed, Film (High Stability) (Styles KRN55/60/65/70)
KSC-R-103			Cancelled 7/8/1994	Resistors, Fixed, Film General Purpose (Styles KRL07/20/32/42) Specification for
KSC-R-105			Cancelled 7/22/1994	Resistors, Fixed, Wirewound (Power Type) (KRW67/68/69)
KSC-SPEC-Z-0017			Cancelled 4/3/1992	Resuscitator, Miniature, Type 1, Specification for
KSC-SO-S-4	EAR 99 NLR		Rev C, 3/5/1982	Retest and Refurbishment of Type "K" Compressed Gas Cylinders for Gaseous Air, Helium, Hydrogen, Nitrogen, and Oxygen Service, Specification for
KSC-SPEC-P-0010			Cancelled 1/7/1997. Replaced by SPECS-INTACT, Sections 02510 and 02512.	Roadway Rehabilitation Asphaltic Concrete Leveling and Surface Courses, Specifications for
KSC-S-126	EAR 99 NLR	NE	Rev B, 10/29/2008	Sealing of Electrical Components, Specification for
KSC-SPEC-F-0018			Cancelled 1/6/1997. Superseded by 203-887 SPEC	Security Gates and Fencing for Beach Road and Railroad, LC 39, Kennedy Space Center, Florida, Specification for
KSC-SPEC-M-0009			Cancelled 7/1/1994	Self-Powered Thermocouple Reference Junction, Specification for
KSC-S-101			Superseded by MIL-PRF-19500	Semiconductor Devices, General Specification

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KSC-SPEC-E-0004			Cancelled 1/31/1975. Superseded by Mil-PRF-19500	Semiconductor Devices, General Specification for
KSC-NE-9187	EAR 99 NLR	NE	2/29/2008	Sensors, Transducers and Signal Conditioning Systems Selection Process
KSC-SPEC-P-0004			Cancelled 1/22/1997	Short Form Spare Parts Provisioning, General Specification for
KSC-STD-SP-0001			Cancelled 12/19/1996 without replacement	Shuttle Provisioning Procedure, General Standard for
KSC-SPEC-F-0009	EAR 99 NLR	NE	Rev A, 10/14/1988	Signs at John F Kennedy Space Center, Design, Fabrication and Erection of, Specification for
KSC-SPEC-Z-0011			Cancelled and superseded by KSC-SPEC-F-0006 Rev B, 1/30/2009	Silicone Rubber Ablative Material to Ground Support Equipment, Application of, Specification for
KSC-STD-CV-0001			Cancelled 9/5/1996	Software Standards for Application Software for the Real Time Data Subsystem
KSC-STD-E-0010	EAR 99 NLR	TA	Cancelled 1/27/2020	Soldering of Electrical Connections, (Hand or Machine), Standard for
KSC-S-178			Cancelled 8/15/1995	Soldering, Automatic Wave, of Printed Circuit Assemblies, Procedure for
KSC-W-151(DP)			Cancelled 8/15/1995. Requirements are covered by MIL-STD-1130 and NHB 5300.4(3H). MIL-STD-1130 was Cancelled 9/10/1999 without replacement. NHB-5300.4(3H) Cancelled by NASA-STD-8739.4	Solderless Wrap Process, Electrical Connections, Specification for
KSC-SPEC-P-0021	EAR 99 NLR	TA	2/26/2001	Solvent, Cleaning, 1,1,1,2,3,4,4,5,5,5-Decafluoropentane, Specification for
KSC-SPEC-P-0019	EAR 99 NLR	TA	7/20/1999	Solvent, Cleaning, 1,1,1,2,3,4,4,5,5,5-Decafluoropentane (62 WT%) and Trans-1,2-Dichloroethylene (38 WT%), Vertrel MCA™, Specification for

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KSC-SPEC-P-0022	EAR 99 NLR	TA	Cancelled 12/18/1019	Solvent, Cleaning, 1,3-Dichloro-1,1,2,2,3-Pentafluoropropane, HCFC-225G, Specification for
KSC-SPEC-P-0020	EAR 99 NLR	NE	Cancelled 12/18/2019	Solvent, Cleaning, 3,3-Dichloro-1,1,1,2,2-Pentafluoropropane (45±5 WT%) and 1,3-Dichloro-1,1,2,2,3-Pentafluoropropane (55±5 WT%) HCFC-225, Specification for
KSC-SPEC-F-0001			Cancelled 1/3/1997. Superseded by 67-MK-584 SPEC	Specifications for Additions and Modifications to Base Maintenance Building Launch Complex 39
NASA-STD-5005	PUBLIC	NE	Rev C, 3/13/2009, Reaffirmed 10/5/2017	Standard for the Design and Fabrication of Ground Support Equipment
KSC-MMA-1985-79	EAR 99 NLR		Rev 6, 11/7/2008	Standard Test Method for Evaluating Triboelectric Charge Generation and Decay
KSC-SPEC-M-0010			Cancelled 9/1994	Strain Gage Pressure Transducer, Standard, Specification for
KSC-SPEC-M-0015			Cancelled 7/1/1994	Strip Chart Recorder, Two Pen, Potentiometric, Specification for
KSC-STD-Z-0004	EAR 99 NLR	NE	Rev F, 11/6/2002, Change 1 8/6/2009	Structural Design, Standard for (Title changed from "Structural Steel Buildings and Other Structures, Design of, Standard for")
KSC-DD-818-TR	EAR 99 NLR		6/1/1984	Summary of Measurements of KSC Launch-Induced Environmental Effects (STS-1 through STS-11)
KSC-C-123	EAR 99 NLR	TA	Rev J, 7/17/2009	Surface Cleanliness of Ground Support Equipment Fluid Systems, Specification for
KSC-DF-107	EAR 99 NLR	NE	Rev F, 7/8//2017	Technical Documentation Style Guide
KSC-STD-E-0021	EAR 99 NLR	TA	10/31/2002	Telecommunication Premises Distribution Systems, Design of, Standard for (KSC)
KSC-STD-129			Cancelled 4/25/1988	Test Procedure, Preparation of, Standard
KSC-STD-128			Cancelled 1/9/1996. Superseded by KSC-DF-107	Test Reports, Preparation of, Standard for
KSC-STD-Z-0011			Cancelled 12/19/1996. Superseded by Florida	Trailer/Equipment Tiedowns, Standard for

NUMBER	AVAIL- ABILITY	OPR	CURRENT STATUS	TITLE
			Administrative Code, Volume 7, Title 15, Chapter 15C-1, Sections 1.010 through 1.0110	
KSC-SPEC-Z-0007	EAR 99 NLR	NE	Rev E, 10/20/1994	Tubing, Steel, Corrosion Resistant, Types 304 and 316, Seamless, Annealed, Specification for
KSC-SPEC-P-0027	EAR 99 NLR	NE	5/11/2010	Tubing, Superaustenitic Steel, Corrosion Resistant, UNS N08367 and UNS S31254, Seamed, Bright Annealed, Passivated, Specification for
KSC-SPEC-H-0002			Cancelled 6/16/1994.	Ultraviolet Flame Detector, Purchase Specification for an
KSC-SPEC-G-0001			Cancelled 5/28/1976. Superseded by NHB-4200.1. NHB-4200.1 superseded by NPG-(NPR)-4200.1, which should be used as a guide in the preparation of Unique Equipment Registers	Unique Equipment Register, Specification for
KSC-SPEC-Z-0014			Cancelled 4/30/1992	Valve, Relief Toxic Fuel Handlers' Coveralls, Specification for
KSC-SPEC-M-0004			Cancelled 7/29/1994	Vibration Data Acquisition System (LC-39), Technical Specifications for a
KSC-SPEC-Z-0002			Cancelled 2/26/1993. Superseded by KSC-SPEC-Z-0003. KSC-SPEC-Z-0003 Cancelled 1/15/1996 and superseded by KSC-SPEC-Z-0020. KSC-SPEC-Z-0020 Cancelled 6/22/1999 and superseded by NASA-SPEC-5004	Welding Aluminum Alloy Pipe, Tubing, and Associated Fittings, Specification for
KSC-SPEC-Z-0020		KSC TA	Cancelled 6/22/1999. Superseded by NASA-SPEC-5004	Welding of Aerospace Ground Support Equipment and Related Facilities, Specification for
NASA-SPEC-5004	PUBLIC		Cancelled. Replaced by AWS D17.1 plus a few additional requirements listed in section 6.4.1 of NASA-STD-5005	Welding of Aerospace Ground Support Equipment and Related Nonconventional Facilities

NUMBER	AVAIL- ABILITY	OPR	CURRENT STATUS	TITLE
KSC-W-180			Cancelled. Superseded by KSC-SPEC-Z-0002. KSC-SPEC-Z-0002 Cancelled 2/26/1993 and superseded by KSC-SPEC-Z-0003. KSC-SPEC-Z-0003 Cancelled 1/15/1996 and superseded by KSC-SPEC-Z-0020. KSC-SPEC-Z-0020 Cancelled 6/22/1999 and superseded by NASA-SPEC-5004	Welding of Aluminum Alloy Pipe, Tubing, and Associated Fittings, Specification
KSC-SPEC-Z-0003			Cancelled 1/15/1996. Superseded by KSC-SPEC-Z-0020. KSC-SPEC-Z-0020 Cancelled 6/22/1999 and superseded by NASA-SPEC-5004	Welding of Austenitic Stainless Steel, Carbon Steel, Aluminum Alloy, Nickel Alloy, and Low-Expansion Alloy Pipe, Tubing and Associated Fittings, Specification for
KSC-SPEC-Z-0010			Cancelled 1/15/1996. Superseded by KSC-SPEC-Z-0020. KSC-SPEC-Z-0020 Cancelled 6/22/1999 and superseded by NASA-SPEC-5004	Welding of Extra High Strength (>90 KSI UTS) Quenched and Tempered Low-Alloy Steels, Specification for
KSC-W-179			Cancelled. Superseded by KSC-SPEC-Z-0003. KSC-SPEC-Z-0003 Cancelled 1/15/1996 and superseded by KSC-SPEC-Z-0020. KSC-SPEC-Z-0020 Cancelled 6/22/1999 and superseded by NASA-SPEC-5004	Welding of Stainless Steel and Invar Pipe, Tubing, and Associated Fittings, Specification
KSC-SPEC-Z-0004		NE	Cancelled 1/15/1996. Superseded by KSC-SPEC-Z-0020. KSC-SPEC-Z-0020 Cancelled 6/22/1999 and	Welding of Structural Carbon Steel, Low Alloy Steel, Austenitic Stainless Steel, and Aluminum Alloys, Specification for

NUMBER	AVAIL- ABILITY	OPR	CURRENT STATUS	TITLE
			superseded by NASA-SPEC-5004	
KSC-STD-E-0014	EAR 99 NLR	NE	Cancelled 6/8/2020	Wire and Cable Applications, Standard for
KSC-W-167	EAR 99 NLR		Rev B, 7/25/1994	Wiring Programming System Patchboards, Specification for