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INDEX OF KENNEDY SPACE CENTER SPECIFICATIONS AND STANDARDS

KSC-GP-364

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INTRODUCTION

KSC SPECIFICATIONS and STANDARDS

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The NASA Technical Standards Program also provides access to KSC Specifications and Standards through its Agencywide NASA Technical Standards System at <http://standards.nasa.gov/>

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

Individual KC fittings standards are available in KSC-GP-425 Fluid Fitting Engineering Standards. The Kennedy Space Center Library Documents, Specifications, and Standards Department has paper copies of KSC-GP-425, and it is available electronically through the NASA Technical Standards Program at <http://standards.nasa.gov/>.

The KSC directorates responsible for current individual 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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ALPHA-NUMERIC LIST OF KSC SPECIFICATIONS AND STANDARDS

NUMBER	AVAIL- ABILITY	OPR	CURRENT STATUS	TITLE
KSC-C-109			Canceled 6/16/1994	Capacitors, Fixed, Tantalum (Polarized, Plain Foil) (Style KCL31) Specification
KSC-C-110			Canceled 7/8/1994	Capacitors, Fixed, Tantalum (Polarized, Etched Foil) (Style KCL33) Specification
KSC-C-111			Canceled 7/1/1994	Capacitors, Fixed, Solid, Tantalum (KCS13) Specification
KSC-C-113			Canceled 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			Canceled 12/19/1996. Superseded by EIA-535	Capacitors, Fixed, Tantalum (Polarized, Sintered-Slug) (Style KCL65) Specification
KSC-C-182			Canceled 5/5/1992. Requirements in this document are covered by JSC-SE-S-0073.	Gas Cleanliness Requirements for Operational Gaseous Nitrogen, Helium, and Hydrogen Systems at Complex 39, Specification for
KSC-DE-512-SM	EAR 99 NLR	NE	Rev K 9/30/2004	Facility, System, and Equipment General Design Requirements
KSC-DF-107	EAR 99 NLR	NE	Rev D 4/6/2005	Technical Documentation Style Guide
KSC-DTI			Canceled 4/1978	Design Technical Instructions
KSC-E-165	EAR 99 NLR	NE	Rev E 2/2/2009	Electrical Ground Support Equipment Fabrication, Specification for
KSC-E-166	EAR 99 NLR	NE	Rev C 3/20/2009	Electrical Ground Support Equipment (GSE), Installation and Assembly, Specification for
KSC-E-1004			Canceled 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 2, 2/6/2009	Fluid Fitting Engineering Standards
KSC-GP-435 VOLUME 1	EAR 99 NLR	NE	Rev F 2/28/2001, Change 2 3/24/2003	Engineering Drawing Practices. Volume 1: Aerospace and Ground Support Equipment

NUMBER	AVAIL- ABILITY	OPR	CURRENT STATUS	TITLE
KSC-GP-435 VOLUME 2	EAR 99 NLR	NE	Rev B 3/15/1993, Change 3 7/2/1999	Engineering Drawing Practices. Volume 2: Facilities
KSC-GP-864 VOLUME 2A	EAR 99 NLR	NE	Rev B, 10/16/2009	Electrical Ground Support Equipment Cable Handbook
KSC-M-117 (D)			Canceled 12/19/1996. Superseded by NEMA MG1.	Motors, Alternating Current, Integral Horsepower for Ground Support Equipment, Specification
KSC-M-125			Canceled 7/20/1990. Superseded by KSC-GP-435.	Ground Support Equipment Manual for Drafting and Design, Preparation and Maintenance of, Specification for
KSC-P-116			Canceled 8/24/1994	Packaging and Marking for Cables and Harnesses, Procedure for
KSC-P-127			Canceled 2/4/1997	Packaging, Packing, Marking, for Shipment and Storage of Ground Support Equipment, General Specification
KSC-P-127/1			Canceled 11/7/1994	Packaging, Packing, Marking for Shipment and Storage of Motors and Motor Drive Sets
KSC-P-127/2			Canceled 8/24/1994	Racks, Consoles, Panels and Distributors, Packaging, Marking and Storage of
KSC-R-102			Canceled 7/1/1994	Resistors, Fixed, Film (High Stability) (Styles KRN55/60/65/70)
KSC-R-103			Canceled 7/8/1994	Resistors, Fixed, Film General Purpose (Styles KRL07/20/32/42) Specification for
KSC-R-104			Canceled 7/22/1994	Resistor, Fixed, Power, Wirewound (Chassis Mount) (Style KRE65/70/75)
KSC-R-105			Canceled 7/22/1994	Resistors, Fixed, Wirewound (Power Type) (KRW67/68/69)
KSC-R-148			Canceled 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			Canceled 8/15/1995	Soldering, Automatic Wave, of Printed Circuit Assemblies, Procedure 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

NUMBER	AVAIL- ABILITY	OPR	CURRENT STATUS	TITLE
KSC-SPEC-C-0001			Canceled. Superseded by KSC-STD-C-0001. Revision E of KSC-STD-C-0001, 12/12/2001, was canceled and superseded by NASA-STD-5008 7/10/2001.	Protective Coating of Carbon Steel, Specification for
KSC-SPEC-E-0001			Canceled 5/10/1996	Application of Coating, Conformal (Polyurethane), Printed Circuit Assemblies, Specification for
KSC-SPEC-E-0002	EAR 99 NLR	NE	3/15/1967, Amendment 1 4/1/1967	Modular Enclosures (Cabinets, Consoles) and Accessories, Radio Frequency Interference Shielded, Specification for
KSC-SPEC-E-0004			Canceled 1/31/1975. Superseded by Mil-PRF-19500.	Semiconductor Devices, General Specification for
KSC-SPEC-E-0007			Canceled 9/1994	Capacitor, Fixed, Glass Dielectric, High Reliability (Style KCYFR 10/15/20/30), Specification for
KSC-SPEC-E-0008			Canceled. 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			Canceled 6/24/1994	Capacitors, Fixed, Tantalum, Nonpolar, Etched Foil, (Style KCL23), Specification for
KSC-SPEC-E-0010			Canceled 7/8/1994	Capacitors, Fixed, Plastic Dielectric Nonmetallic Case (Style KCTM), Specification for
KSC-SPEC-E-0011			Canceled 7/1/1994	Capacitors, Fixed, Tantalum, Polarized, Etched Foil (Style KCL21), Specification for For
KSC-SPEC-E-0012	EAR 99 NLR	TA	4/1/1968	Heat and Blast Protection Coating Materials for Electrical Cables, Specification for
KSC-SPEC-E-0016			Canceled. 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	Rev C 10/28/1996	Electrical Power Cable, Installation of, Specification for

NUMBER	AVAIL- ABILITY	OPR	CURRENT STATUS	TITLE
KSC-SPEC-E-0018	EAR 99 NLR	NE	Rev B 1/7/1997	AC Power Wire, General Purpose, Single Conductor, 600 Volt, 60 Hertz, Procurement of, Specification for
KSC-SPEC-E-0019	EAR 99 NLR	NE	Rev B 1/7/1997	AC Power Cable, General Purpose, Multi-Conductor, 600 Volt, 60 Hertz Procurement of, Specification for
KSC-SPEC-E-0020	EAR 99 NLR	NE	Rev C 7/24/1996	AC Power Cable, Mineral Insulated, 600 Volt, 60 Hertz, Procurement of, Specification for
KSC-SPEC-E-0021	EAR 99 NLR	NE	Rev B 7/24/1996	AC Power Cable, Interlocked Armored, 600 Volt, 60 Hertz, Procurement of, Specification for
KSC-SPEC-E-0022	EAR 99 NLR	NE	Rev B 7/24/1996	AC Power Cable, 5,000 Volt, 60 Hertz, Procurement of, Specification for
KSC-SPEC-E-0022/1			Canceled 7/24/1996	Electrical Cable, 5,000 Volt Type ALP, Specification Sheet for
KSC-SPEC-E-0022/2			Canceled 7/24/1996	Electrical Cable, 5,000 Volt Type LC/PC, Specification Sheet for
KSC-SPEC-E-0023	EAR 99 NLR	NE	Rev C 7/24/1996	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 (Revision A includes all detail specifications sheets: /1 through /6)
KSC-SPEC-E-0025			Canceled 6/16/1994	Headset, Microphone and Cord Assembly, Specification for
KSC-SPEC-E-0026			Canceled 2/10/1997. Superseded by SPECSINTACT.	Electrical Facilities Installations Specification for
KSC-SPEC-E-0028			Canceled 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	4/21/1972	Compound, Potting and Molding, Elastomeric, Specification for
KSC-SPEC-E-0031	EAR 99 NLR	NE	Rev B 8/8/2008	Cables, Electrical, Specification for

NUMBER	AVAIL- ABILITY	OPR	CURRENT STATUS	TITLE
KSC-SPEC-F-0001			Canceled 1/3/1997. Superseded by 67-MK-584 SPEC.	Specifications for Additions & Modifications to Base Maintenance Building Launch Complex 39
KSC-SPEC-F-0002			Canceled 1/21/1997. Superseded by 67-MK-614 SPEC.	Converter Compressor Operations Building, LC 39, Specification for
KSC-SPEC-F-0003			Canceled 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			Canceled 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			Canceled 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			Canceled 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			Canceled 1/7/1997. Superseded by 203-805 SPEC.	Ordnance Operations Facility, Specification for
KSC-SPEC-F-0015			Canceled 1/3/1997	Honeycomb Paneling for MSS Floors, Walkways, and Roofs
KSC-SPEC-F-0018			Canceled 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			Canceled 1/6/1997	CIF M6-342 Built-Up Roof Repair

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KSC-SPEC-F-0020			Canceled. Superseded by KSC-STD-C-0001. Revision E of KSC-STD-C-0001, 12/12/2001, was canceled and superseded by NASA-STD-5008 7/10/2001.	Coating, Organic and Inorganic Zinc Rich, Specification for
KSC-SPEC-F-0020- PM1			Canceled. Superseded by KSC-STD-C-0001. Revision E of KSC-STD-C-0001, 12/12/2001, was canceled and superseded by NASA-STD-5008 7/10/2001.	
KSC-SPEC-G-0001			Canceled 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			Canceled 6/16/1994	Ultraviolet Flame Detector, Purchase Specification for an
KSC-SPEC-M-0001			Canceled 7/8/1994	Contract End Item Detail Specification (Low Frequency Accelerometer) Performance/Design and Product Configuration Requirements
KSC-SPEC-M-0004			Canceled 7/29/1994	Vibration Data Acquisition System (LC-39), Technical Specifications for a
KSC-SPEC-M-0005			Canceled 7/29/1994	Multiplex Transmission and Receiving System Specification
KSC-SPEC-M-0006			Canceled 7/29/1994	Line Driving Amplifier Specification
KSC-SPEC-M-0007			Canceled 4/17/1995	Lightning Instrumentation Systems at KSC, Specification for
KSC-SPEC-M-0008			Canceled 6/24/1994	Cryogenic Strain Gage Pressure Transducer, Specification for

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KSC-SPEC-M-0009			Canceled 7/1/1994	Self-Powered Thermocouple Reference Junction, Specification for
KSC-SPEC-M-0010			Canceled 9/1994	Strain Gage Pressure Transducer, Standard, Specification for
KSC-SPEC-M-0012			Canceled 7/22/1994	Platinum Temperature Transducer, Specification for
KSC-SPEC-M-0013			Canceled 4/17/1995	Measurement Systems Division Instrumentation at the Meteorological Prediction Center, Specification for
KSC-SPEC-M-0014			Canceled 7/22/1994	Low Frequency Low "G" Accelerometer, Specification for
KSC-SPEC-M-0015			Canceled 7/1/1994.	Strip Chart Recorder, Two Pen, Potentiometric, Specification for
KSC-SPEC-M-0016			Canceled 6/16/1994	Hydrogen Hazards Analog System, Launch Complex 39, Specification for
KSC-SPEC-M-0017			Canceled 9/1994	Discrete Function Transmission System, Specification for
KSC-SPEC-M-0018			Canceled 9/1994	Data Digitizing System, Mobile Instrumentation Van, Specification for
KSC-SPEC-M-0019			Canceled 7/8/1994	DAS Operation and Tape Format Verification System, Specification for
KSC-SPEC-M-0020			Canceled 6/24/1994	Dual Pen Null Balance Analog Strip Chart Recorder, Specification for
KSC-SPEC-M-0021			Canceled 4/17/1995	Lightning Warning System KSC Data Processor, Specification for
KSC-SPEC-M-0022			Canceled 7/22/1994	Corona Current Detector, Specification for
KSC-SPEC-M-0023			Canceled 7/22/1994	Remote Calibrate and Remote Gain Change Amplifier System, Specification for
KSC-SPEC-M-0024			Canceled 9/1994	Portable Data Acquisition System Incrementing Tape Recorder Writing Computer Compatible Magnetic Tape, Specification for
KSC-SPEC-M-0025			Canceled 4/17/1995	Meteorological Instrumentation Systems at KSC, Specification for
KSC-SPEC-P-0001			Canceled 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			Canceled 6/16/1994	Contract End Item Detail Specification (Cryogenic Accelerometer and Impedance Unit) Performance/Design and Product Configuration Requirements
KSC-SPEC-P-0003			Canceled 10/11/1994	Contract End Item Detail Specification (Medium Frequency Accelerometer and Impedance Unit) Performance/Design and Product Configuration Requirements

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KSC-SPEC-P-0004			Canceled 1/22/1997	Short Form Spare Parts Provisioning, General Specification for
KSC-SPEC-P-0005			Canceled 1/22/1997	Long Form Spare Parts Provisioning, General Specification for
KSC-SPEC-P-0006			Canceled 1/3/1997	Air Conditioning Unit-Portable, Trailer Mounted, Electrically Driven, Self-Contained, Nominal, 40 Ton Capacity, Technical Specifications for
KSC-SPEC-P-0007			Canceled 2/20/1997	Glass, Laminated, Flat, Tinted, Specification for
KSC-SPEC-P-0008			Canceled 1/6/1997	Repainting of 500 Foot Weather Tower J6-490A, Specifications for
KSC-SPEC-P-0009			Canceled 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			Canceled 1/7/1997. Replaced by SPECS-INTACT, Sections 02510 and 02512.	Roadway Rehabilitation Asphaltic Concrete Leveling and Surface Courses, Specifications for
KSC-SPEC-P-0011			Canceled 9/15/1995. Use SPI SP-601(2)K. SPI SP-601(2)K canceled 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	4/25/1979	Refractory Concrete, Specification for
KSC-SPEC-P-0014	EAR 99 NLR	SA	Rev A 10/1992, Amendment 1 10/6/1997	Garments Used in Non-Cleanroom Environments for Hazardous Operations, Minimum Requirements for, Specification for
KSC-SPEC-P-0015	EAR 99 NLR	SA	Rev B 10/1992	Garments Used in Cleanroom Environments for Hazardous Operations, Minimum Requirements for, Specification for
KSC-SPEC-P-0016	EAR 99 NLR	SA	Rev A 10/1992	Garment Snap Fastener, Minimum Requirements for, Specification for
KSC-SPEC-P-0017	EAR 99 NLR	TA	10/18/1994	Propellants, Recovered Hydrazine Family Fuels, Specification for

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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	TA	2/26/2001	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	2/26/2001	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	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			Canceled 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 canceled when no longer needed for acquisition. NHB-5300.4(3J) was canceled 6/20/1996 by NAS-5300.4(3J). NAS-5300.4(3J) was canceled 8/6/1999 and superseded by NASA-STD-8739.1.	Coatings, Conformal, Protective, Environmental, for Printed-Circuit Assemblies, Specification for

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KSC-SPEC-U-0001			Canceled 7/29/1994	Event Monitor System Multiplexer Design Criteria, Specification for
KSC-SPEC-U-0002			Canceled 7/29/1994	Event Monitor System Multiplexer, Gantry Test Rack, Design Criteria, Specification for
KSC-SPEC-U-0003			Canceled 4/17/1995	Complex 36 Analog Multiplexer, Design Criteria, Specification for
KSC-SPEC-U-0004			Canceled 7/29/1994	400 Hertz Analog Multiplexer, Design Criteria, Specification for
KSC-SPEC-Z-0001	EAR 99 NLR	TA	Rev A 9/22/1975, Amendment 1 8/30/1976	Pipe, 36% Nickel, Iron-Base (Invar 36), Specification for
KSC-SPEC-Z-0002			Canceled 2/26/1993. Superseded by KSC-SPEC-Z-0003. KSC-SPEC-Z-0003 canceled 1/15/1996 and superseded by KSC-SPEC-Z-0020. KSC-SPEC-Z-0020 canceled 6/22/1999 and superseded by NASA-SPEC-5004.	Welding Aluminum Alloy Pipe, Tubing, and Associated Fittings, Specification for
KSC-SPEC-Z-0003			Canceled 1/15/1996. Superseded by KSC-SPEC-Z-0020. KSC-SPEC-Z-0020 canceled 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			Canceled 1/15/1996. Superseded by KSC-SPEC-Z-0020. KSC-SPEC-Z-0020 canceled 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
KSC-SPEC-Z-0005	EAR 99 NLR	TA	Rev A 1/25/1995	Brazing-Steel, Copper, Aluminum, Nickel, and Magnesium Alloys, Specification for
KSC-SPEC-Z-0006	EAR 99 NLR	TA	Rev A 3/15/1995	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

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KSC-SPEC-Z-0008	EAR 99 NLR	NE	Rev C 6/13/1978	Flared Tube Assemblies and Installation of Fittings and Fitting Assemblies, Fabrication and Installation of, 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			Canceled 1/15/1996. Superseded by KSC-SPEC-Z-0020. KSC-SPEC-Z-0020 canceled 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			Canceled 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			Canceled 4/28/1992	Coveralls, Toxic Fuel Handlers', Specification for
KSC-SPEC-Z-0013	EAR 99 NLR	TA	9/30/1969	Penetrant, Magnetic Particle and Ultrasonic Inspection, Requirements for, Specification for
KSC-SPEC-Z-0014			Canceled 4/30/1992	Valve, Relief Toxic Fuel Handlers' Coveralls, Specification for
KSC-SPEC-Z-0016			Canceled 1/15/1996. Superseded by KSC-SPEC-Z-0020. KSC-SPEC-Z-0020 canceled 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-SPEC-Z-0017			Canceled 4/3/1992	Resuscitator, Miniature, Type 1, Specification for

NUMBER	AVAIL- ABILITY	OPR	CURRENT STATUS	TITLE
KSC-SPEC-Z-0019	EAR 99 NLR	TA	Rev E 10/30/2000, notice of adoption. MIL-HDBK-695D, Rubber Products: Recommended Shelf Life, dated 11/22/1999, is adopted by NASA, John F. Kennedy Space Center with the following stipulation: The expected shelf storage lives listed therein are mandatory for use when this specification is cited by the appropriate engineering documentation.	Age Control of Elastomeric Parts, Specification for
KSC-SPEC-Z-0020			Canceled 6/22/1999. Superseded by NASA-SPEC-5004.	Welding of Aerospace Ground Support Equipment and Related Facilities, Specification for
KSC-STD-1			Canceled 5/18/1989. Superseded by SPECSINTACT Division 9 Sections 09250 and 09260.	Demountable Partitions Standard
KSC-STD-2			Canceled 5/18/1989. Superseded by SPECSINTACT Division 10, Section 10271.	Elevated Floor System Standard
KSC-STD-4			Canceled 5/18/1989. Superseded by SPECSINTACT Division 10, Section 10441.	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			Canceled 8/17/1978	Carpentry, Guide Specification
KSC-STD-8			Canceled 8/17/1978	Instructions for Preparation of Design Criteria and Functional Requirements

NUMBER	AVAIL- ABILITY	OPR	CURRENT STATUS	TITLE
KSC-STD-9			Canceled 5/18/1989. Superseded by the American Institute of Architects (AIA) Graphic Standards and SPECSINTACT Division 02- Site Work.	Parking Area Engineering Design Standard and Guide Specification, Part I and Part II
KSC-STD-11			Canceled 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			Canceled 8/17/1978	Bulletin Boards.
KSC-STD-13			Canceled 8/17/1978	Prefabricated Metal Buildings.
KSC-STD-15			Canceled 8/17/1978	Plumbing (Cross Connections), Engineering Design Standard
KSC-STD-118(D)			Canceled 5/5/1992. Superseded by KHB-5310.9. KHB-5310.9 was canceled 2/27/1997 and superseded by KHB-1710.2C. KHB-1710.2 was canceled 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)			Canceled 10/12/1989	Determining Criticality Numbers for Priority I, II, and III Components Standard
KSC-STD-128			Canceled 1/9/1996. Superseded by KSC-DF-107.	Test Reports, Preparation of, Standard for
KSC-STD-129			Canceled 4/25/1988	Test Procedure, Preparation of, Standard
KSC-STD-132	EAR 99 NLR	NE	Rev D 10/24/2008	Potting and Molding Electrical Cable Assembly Terminations, Standard for
KSC-STD-137			Canceled 8/17/1978	Recording of Time and Cycle Sensitive Component Part Data Standard
KSC-STD-141	EAR 99 NLR	NE	Rev A 11/1/1989	Load Test Identification and Data Marking, Standard for

NUMBER	AVAIL- ABILITY	OPR	CURRENT STATUS	TITLE
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	Rev C 5/15/1992	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			Canceled 8/17/1978	Interpretations of Drawing Terms and Tolerances, Standard
KSC-STD-169			Canceled. Superseded by KSC-STD-E-0015.	Marking of Ground Support Equipment Standard
KSC-STD-C-0001			Rev E 12/12/2001 canceled 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			Canceled 9/5/1996	Software Standards for Application Software for the Real Time Data Subsystem
KSC-STD-E-0001	EAR 99 NLR	NE	Rev C 8/12/2008	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	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			Canceled 8/15/1995	AC Power-Motor Starting Equipment, Standard for
KSC-STD-E-0006	EAR 99 NLR	NE	Rev B 11/12/1993	Instrumentation and Communications Cable Applications, Standard for
KSC-STD-E-0007			Canceled 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 canceled 2/10/1997 and superseded by SPECINTACT.	Electrical Power Cables, Design for Installation of, Standard for

NUMBER	AVAIL- ABILITY	OPR	CURRENT STATUS	TITLE
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	Rev A 8/19/1994	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 E 8/1/2001	Facility Grounding and Lightning Protection, Standard for (Title changed from Bonding and Grounding, Standard for, by Revision D, 6/7/2000)
KSC-STD-E-0013			Canceled 6/7/2000. Replaced by KSC-STD-E-0012.	Facility Lightning Protection Design, Standard for
KSC-STD-E-0014	EAR 99 NLR	NE	Rev B 9/17/1996	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			Canceled 8/11/1994. Superseded by MIL-W-5086, MIL-W-16878, and MIL-W- 22759. MIL-W-5086 canceled 9/29/2006, use SAE-AS50861 for new acquisition. MIL-W- 16878 as of 8/11/2000 became MIL-DTL-16878. MIL-W-22759 canceled and replaced by SAE-AS22759, 12/8/2004.	Electrical Hookup Wire Applications, Standard for
KSC-STD-E-0017			Canceled 3/20/1997. Superseded by NFPA 70, Article 620.	Elevator Electric Traveling Cable Applications, Standard for
KSC-STD-E-0021	EAR 99 NLR	NE	10/31/2002	Telecommunication Premises Distribution Systems, Design of, Standard for (KSC)

NUMBER	AVAIL- ABILITY	OPR	CURRENT STATUS	TITLE
KSC-STD-F-0001			Canceled and superseded by KSC-STD-C-0001. Revision E of KSC-STD-C-0001, 12/12/2001, was canceled and superseded by NASA-STD-5008 7/10/2001.	Protective Coating of Carbon Steel, Standard for
KSC-STD-F-0002			Canceled 12/19/1996. Superseded by KSC-STD-C-0001. Revision E of KSC-STD-C-0001, 12/12/2001, was canceled and superseded by NASA-STD-5008 7/10/2001.	Coating of Marine Equipment, Standard for
KSC-STD-F-0003			Canceled 2/10/1997	Protective Coating and Identification of High-Pressure Gas Mobile Equipment, Standard for
KSC-STD-F-0004	EAR 99 NLR	NE	Rev F 3/9/2010	Fire Protection Design, Standard for
KSC-STD-G-0003	EAR 99 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	Equipment or System Procurement/Performance Specifications, Preparation of, Standard for
KSC-STD-P-0002	EAR 99 NLR	NE	Rev A 10/20/1988	Component Procurement/Performance Specifications, Preparation of, Standard for
KSC-STD-P-0004			Canceled 7/5/1994. Superseded by MIL-STD-961.	Process Specifications, Preparation of, Standard for
KSC-STD-P-0005			Canceled 7/5/1994. Superseded by MIL-STD-961.	Material Specifications, Preparation of, Standard for
KSC-STD-P-0006	EAR 99 NLR	NE	3/20/1995	Quick Release Pins and Pin Tethers, Standard for
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-Q-0001			Canceled 8/7/1989 without replacement.	Identification Marking for Metals, Standard

NUMBER	AVAIL- ABILITY	OPR	CURRENT STATUS	TITLE
KSC-STD-S-0001B			Superseded by KSC-STD-SF-0001. KSC-STD-SF-0001 canceled 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 canceled 7/10/1992, use Drawing 81K04331.	Identification and Color Coding of Compressed Gas Cylinders
KSC-STD-S-0003			Canceled 3/5/1997 without replacement.	Color Code for Shop Machinery and Equipment
KSC-STD-S-0004			Canceled 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 canceled 3/23/1992, use 29 CFR 1910.178.	Inspecting, Testing, and Certifying Forklift Trucks (and Applicable Operator Requirements), Standard for
KSC-STD-SF-0001			Canceled 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
KSC-STD-SF-0002			Canceled 7/10/1992. Drawing 81K04331 contains the requirements for this subject.	Compressed Gas Cylinders, Safety Standard for
KSC-STD-SF-0004	EAR 99 NLR	SA	Rev B 9/1/1982	Ground Piping Systems Color Coding and Identification, Safety Standard for
KSC-STD-SF-0005			Canceled 3/23/1992. 29 CFR 1910.178 contains the requirements for this subject.	Fork Trucks, Safety Standard for
KSC-STD-SP-0001			Canceled 12/19/1996 without replacement.	Shuttle Provisioning Procedure, General Standard for

NUMBER	AVAIL- ABILITY	OPR	CURRENT STATUS	TITLE
KSC-STD-SP-0002			Canceled 12/19/1996 without replacement.	Provisioning Technical Documentation, Detail Standard for
KSC-STD-Z-0002			Canceled 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			Canceled 8/9/1989. Superseded by KSC-STD-Z-0004.	Integrity of Structures Establishing and Maintaining, Standard 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-STD-Z-0005	EAR 99 NLR	NE	Rev B 10/12/1988, Change 1 7/31/2009	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	6/29/1973	Hydrocarbon Fuel Ground Support Equipment, Design of, 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-Z-0009	EAR 99 NLR	NE	Rev C 8/22/1994	Cryogenic Ground Support Equipment, Design of, Standard for
KSC-STD-Z-0010	EAR 99 NLR	NE	Rev A 9/1/1983	Environmental Control Systems, Ground Coolant Systems, Coolant Servicing Systems and Ground Support Equipment, Design of, Standard for
KSC-STD-Z-0011			Canceled 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	EAR 99 NLR	NE	Rev B 6/20/1990	Flame Deflector Design, Standard for

NUMBER	AVAIL- ABILITY	OPR	CURRENT STATUS	TITLE
KSC-STD-Z-0013	EAR 99 NLR	NE	3/10/1988	Potable Water Cross-Connection Control Design for Facilities, Standard for
KSC-W-151(DP)			Canceled 8/15/1995. Requirements are covered by MIL-STD-1130 and NHB 5300.4(3H). MIL-STD-1130 was canceled 9/10/1999 without replacement. NHB-5300.4(3H) canceled by NASA-STD-8739.4.	Solderless Wrap Process, Electrical Connections, Specification for
KSC-W-167	EAR 99 NLR	NE	Rev B 7/25/1994	Wiring Programming System Patchboards, Specification for
KSC-W-179			Canceled. Superseded by KSC-SPEC-Z-0003. KSC-SPEC-Z-0003 canceled 1/15/1996 and superseded by KSC-SPEC-Z-0020. KSC-SPEC-Z-0020 canceled 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			Canceled. Superseded by KSC-SPEC-Z-0002. KSC-SPEC-Z-0002 canceled 2/26/1993 and superseded by KSC-SPEC-Z-0003. KSC-SPEC-Z-0003 canceled 1/15/1996 and superseded by KSC-SPEC-Z-0020. KSC-SPEC-Z-0020 canceled 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	Rev A 8/25/2003	Welding of Aerospace Ground Support Equipment and Related Nonconventional Facilities
NASA-STD-5005	PUBLIC	KSC NE	Rev C 3/13/2009	Standard for the Design and Fabrication of Ground Support Equipment
NASA-STD-5008	PUBLIC	KSC TA	Rev A 1/21/2004	Protective Coating of Carbon Steel, Stainless Steel, and Aluminum on Launch Structures, Facilities, and Ground Support Equipment

KEYWORD LIST OF KSC SPECIFICATIONS AND STANDARDS

NUMBER	AVAIL- ABILITY	OPR	CURRENT STATUS	TITLE
KSC-SPEC-U-0004			Canceled 7/29/1994	400 Hertz Analog Multiplexer, Design Criteria, Specification for
KSC-SPEC-E-0023	EAR 99 NLR	NE	Rev C 7/24/1996	AC Power Cable, 15,000 volt, 60 Hertz, Procurement of, Specification for
KSC-SPEC-E-0022	EAR 99 NLR	NE	Rev B 7/24/1996	AC Power Cable, 5,000 Volt, 60 Hertz, Procurement of, Specification for
KSC-SPEC-E-0019	EAR 99 NLR	NE	Rev B 1/7/1997	AC Power Cable, General Purpose, Multi-Conductor, 600 Volt, 60 Hertz, Procurement of, Specification for
KSC-SPEC-E-0021	EAR 99 NLR	NE	Rev B 7/24/1996	AC Power Cable, Interlocked Armored, 600 Volt, 60 Hertz, Procurement of, Specification for
KSC-SPEC-E-0020	EAR 99 NLR	NE	Rev C 7/24/1996	AC Power Cable, Mineral Insulated, 600 Volt, 60 Hertz, Procurement of, Specification for
KSC-SPEC-E-0018	EAR 99 NLR	NE	Rev B 1/7/1997	AC Power Wire, General Purpose, Single Conductor, 600 Volt, 60 Hertz, Procurement of, Specification for
KSC-STD-E-0005			Canceled 8/15/1995	AC Power-Motor Starting Equipment, Standard for
KSC-SPEC-Z-0019	EAR 99 NLR	TA	Rev E 10/30/2000, notice of adoption. MIL-HDBK-695D, Rubber Products: Recommended Shelf Life, dated 11/22/1999, is adopted by NASA, John F. Kennedy Space Center with the following stipulation: The expected shelf storage lives listed therein are mandatory for use when this specification is cited by the appropriate engineering documentation.	Age Control of Elastomeric Parts, Specification for
KSC-SPEC-P-0006			Canceled 1/3/1997	Air Conditioning Unit-Portable, Trailer Mounted, Electrically Driven, Self-Contained, Nominal, 40 Ton Capacity, Technical Specifications for
KSC-SPEC-E-0001			Canceled 5/10/1996	Application of Coating, Conformal (Polyurethane), Printed Circuit Assemblies, Specification for

NUMBER	AVAIL- ABILITY	OPR	CURRENT STATUS	TITLE
KSC-SPEC-Z-0016			Canceled 1/15/1996. Superseded by KSC-SPEC-Z-0020. KSC-SPEC-Z-0020 canceled 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 D 6/7/2000 Title changed with this revision. See new title for current information.	Bonding and Grounding, Standard for (Title changed to Facility Grounding and Lightning Protection, Standard for by Revision D, 6/7/2000)
KSC-SPEC-Z-0005	EAR 99 NLR	TA	Rev A 1/25/1995	Brazing-Steel, Copper, Aluminum, Nickel, and Magnesium Alloys, Specification for
KSC-STD-12			Canceled 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 (Revision A includes all detail specifications sheets: /1 through /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
KSC-SPEC-E-0007			Canceled 9/1994	Capacitor, Fixed, Glass Dielectric, High Reliability (Style KCYFR 10/15/20/30), Specification for
KSC-SPEC-E-0008			Canceled. 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			Canceled 7/8/1994	Capacitors, Fixed, Plastic Dielectric Nonmetallic Case (Style KCTM) Specification for
KSC-C-113			Canceled 6/24/1994	Capacitors, Fixed, Polarized, Tantalum Foil (Style KCL51 and KCL53) Specification
KSC-C-111			Canceled 7/1/1994	Capacitors, Fixed, Solid, Tantalum (KCS13) Specification
KSC-C-110			Canceled 7/8/1994	Capacitors, Fixed, Tantalum (Polarized, Etched Foil) (Style KCL33) Specification
KSC-C-109			Canceled 6/16/1994	Capacitors, Fixed, Tantalum (Polarized, Plain Foil) (Style KCL31) Specification

NUMBER	AVAIL- ABILITY	OPR	CURRENT STATUS	TITLE
KSC-C-133			Canceled 12/19/1996. Superseded by EIA-535	Capacitors, Fixed, Tantalum (Polarized, Sintered-Slug) (Style KCL65) Specification
KSC-SPEC-E-0009			Canceled 6/24/1994	Capacitors, Fixed, Tantalum, Nonpolar, Etched Foil, (Style KCL23) Specification for
KSC-SPEC-E-0011			Canceled 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			Canceled 8/17/1978	Carpentry, Guide Specification
KSC-SPEC-F-0019			Canceled 1/6/1997	CIF M6-342 Built-Up Roof Repair
KSC-STD-F-0002			Canceled 12/19/1996. Superseded by KSC-STD-C-0001. Revision E of KSC-STD-C-0001, 12/12/2001, was canceled and superseded by NASA-STD-5008 7/10/2001.	Coating of Marine Equipment, Standard for
KSC-SPEC-F-0020			Canceled. Superseded by KSC-STD-C-0001. Revision E of KSC-STD-C-0001, 12/12/2001, was canceled and superseded by NASA-STD-5008 7/10/2001.	Coating, Organic and Inorganic Zinc Rich, Specification for

NUMBER	AVAIL- ABILITY	OPR	CURRENT STATUS	TITLE
KSC-SPEC-Q-0001			Canceled 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 canceled when no longer needed for acquisition. NHB-5300.4(3J) was canceled 6/20/1996 by NAS-5300.4(3J). NAS-5300.4(3J) was canceled 8/6/1999 and superseded by NASA-STD-8739.1.	Coatings, Conformal, Protective, Environmental, for Printed-Circuit Assemblies, Specification for
KSC-STD-S-0003			Canceled 3/5/1997 without replacement.	Color Code for Shop Machinery and Equipment
KSC-STD-S-0004			Canceled. 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			Canceled 4/17/1995	Complex 36 Analog Multiplexer, Design Criteria, Specification for
KSC-STD-P-0002	EAR 99 NLR	NE	Rev A 10/20/1988	Component Procurement/Performance Specifications, Preparation of, Standard for
KSC-SPEC-E-0029	EAR 99 NLR	NE	4/21/1972	Compound, Potting and Molding, Elastomeric, Specification for
KSC-STD-SF-0002			Canceled 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			Canceled 6/16/1994	Contract End Item Detail Specification (Cryogenic Accelerometer and Impedance Unit) Performance/Design and Product Configuration Requirements

NUMBER	AVAIL- ABILITY	OPR	CURRENT STATUS	TITLE
KSC-SPEC-M-0001			Canceled 7/8/1994	Contract End Item Detail Specification (Low Frequency Accelerometer) Performance/Design and Product Configuration Requirements
KSC-SPEC-P-0003			Canceled 10/11/1994	Contract End Item Detail Specification (Medium Frequency Accelerometer and Impedance Unit) Performance/Design and Product Configuration Requirements
KSC-SPEC-F-0002			Canceled 1/21/1997. Superseded by 67-MK-614 SPEC.	Converter Compressor Operations Building, LC 39, Specification for
KSC-SPEC-M-0022			Canceled 7/22/1994	Corona Current Detector, Specification for
KSC-SPEC-Z-0012			Canceled 4/28/1992	Coveralls, Toxic Fuel Handlers', Specification for
KSC-STD-Z-0009	EAR 99 NLR	NE	Rev C 8/22/1994	Cryogenic Ground Support Equipment, Design of, Standard for
KSC-SPEC-M-0008			Canceled 6/24/1994	Cryogenic Strain Gage Pressure Transducer, Specification for
KSC-SPEC-M-0019			Canceled 7/8/1994	DAS Operation and Tape Format Verification System, Specification for
KSC-SPEC-M-0018			Canceled 9/1994	Data Digitizing System, Mobile Instrumentation Van, Specification for
KSC-STD-1			Canceled 5/18/1989. Superseded by SPECSINTACT Division 9 Sections 09250 and 09260.	Demountable Partitions Standard
KSC-STD-E-0001	EAR 99 NLR	NE	Rev C 8/12/2008	Design of Electrical Control and Monitoring Systems, Equipment (GSE), and Panels, Standard for
KSC-DTI			Canceled 4/1978	Design Technical Instructions
KSC-STD-122(MA)			Canceled 10/12/1989	Determining Criticality Numbers for Priority I, II, and III Components Standard
KSC-SPEC-M-0017			Canceled 9/1994	Discrete Function Transmission System, Specification for
KSC-SPEC-M-0020			Canceled 6/24/1994	Dual Pen Null Balance Analog Strip Chart Recorder, Specification for
KSC-SPEC-E-0031	EAR 99 NLR	NE	Rev A 8/10/1995	Electrical Cables, General Specification for (Supersedes MSFC-SPEC-332E)

NUMBER	AVAIL- ABILITY	OPR	CURRENT STATUS	TITLE
KSC-SPEC-E-0031	EAR 99 NLR	NE	Rev A 8/10/1995	Electrical Cables, General Specification for (Supersedes MSFC-SPEC-332E)
KSC-SPEC-E-0026			Canceled 2/10/1997. Superseded by SPECSINTACT.	Electrical Facilities Installations Specification for
KSC-GP-864 VOLUME 2A	EAR 99 NLR		Revision B 10/16/2009	Electrical Ground Support Equipment Cable Handbook
KSC-E-165	EAR 99 NLR	NE	Rev E 2/2/2009	Electrical Ground Support Equipment Fabrication, Specification for
KSC-E-166	EAR 99 NLR	NE	Rev C 3/20/2009	Electrical Ground Support Equipment (GSE), Installation and Assembly, Specification for
KSC-STD-E-0016			Canceled 8/11/1994. Superseded by MIL-W-5086, MIL-W-16878, and MIL-W- 22759. MIL-W-5086 canceled 9/29/2006, use SAE-AS50861 for new acquisition. MIL-W- 16878 as of 8/11/2000 became MIL-DTL-16878. MIL-W-22759 canceled and replaced by SAE-AS22759, 12/8/2004.	Electrical Hookup Wire Applications, Standard for
KSC-SPEC-E-0016			Canceled. 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	Rev C 10/28/1996	Electrical Power Cable, Installation of, Specification for

NUMBER	AVAIL- ABILITY	OPR	CURRENT STATUS	TITLE
KSC-STD-E-0007			Canceled 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 canceled 2/10/1997 and superseded by SPECSINTACT.	Electrical Power Cables, Design for Installation of, Standard for
KSC-STD-E-0011	EAR 99 NLR	TA	Rev H 1/7/2009	Electrical Power Receptacles and Plugs, Standard for
KSC-STD-2			Canceled 5/18/1989. Superseded by SPECSINTACT Division 10, Section 10271.	Elevated Floor System Standard
KSC-STD-E-0017			Canceled 3/20/1997. Superseded by NFPA 70, Article 620.	Elevator Electric Traveling Cable Applications, Standard for
KSC-SPEC-E-0028			Canceled 3/20/1997. Superseded by NFPA 70, Article 620.	Elevator Electric Traveling Cable, Procurement of, Specification for
KSC-GP-435 VOLUME 1	EAR 99 NLR	NE	Ref F 2/28/2001, Change 2 3/24/2003	Engineering Drawing Practices. Volume 1: Aerospace and Ground Support Equipment
KSC-GP-435 VOLUME 2	EAR 99 NLR	NE	Rev B 3/15/1993, Change 3 7/2/1999	Engineering Drawing Practices. Volume 2: Facilities
KSC-STD-Z-0010	EAR 99 NLR	NE	Rev A 9/1/1983	Environmental Control Systems, Ground Coolant Systems, Coolant Servicing Systems and Ground Support Equipment, Design of, 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-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			Canceled 7/29/1994	Event Monitor System Multiplexer Design Criteria, Specification for

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KSC-SPEC-U-0002			Canceled 7/29/1994	Event Monitor System Multiplexer, Gantry Test Rack, Design Criteria, Specification for
KSC-SPEC-F-0005			Canceled 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 E 8/1/2001	Facility Grounding and Lightning Protection, Standard for (Title changed from Bonding and Grounding, Standard for by Revision D, 6/7/2000)
KSC-STD-E-0013			Canceled 6/7/2000. Replaced by KSC-STD-E-0012.	Facility Lightning Protection Design, Standard for
KSC-DE-512-SM	EAR 99 NLR	NE	Rev K 9/30/2004	Facility, System, and Equipment General Design Requirements
KSC-STD-118(D)			Canceled 5/5/1992. Superseded by KHB 5310.9. KHB-5310.9 canceled 2/27/1997 and superseded by KHB-1710.2C. KHB-1710.2 was canceled 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 F 3/9/2010	Fire Protection Design, Standard for
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	Rev B 6/20/1990	Flame Deflector Design, Standard for
KSC-SPEC-Z-0008	EAR 99 NLR	NE	Rev C 6/13/1978	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 2, 2/6/2009	Fluid Fitting Engineering Standards
KSC-STD-SF-0005			Canceled 3/23/1992. 29 CFR 1910.178 contains the requirements for this subject.	Fork Trucks, Safety Standard for

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KSC-SPEC-P-0016	EAR 99 NLR	SA	Rev A, 10/1992	Garment Snap Fastener, Minimum Requirements for, Specification for
KSC-SPEC-P-0015	EAR 99 NLR	SA	Rev B, 10/1992	Garments Used in Cleanroom Environments for Hazardous Operations, Minimum Requirements for, Specification for
KSC-SPEC-P-0014	EAR 99 NLR	SA	Rev A 10/1992, Amendment 1 10/6/1997	Garments Used in Non-Cleanroom Environments for Hazardous Operations, Minimum Requirements for, Specification for
KSC-C-182			Canceled 5/5/1992. Requirements in this document are covered by JSC-SE-S-0073.	Gas Cleanliness Requirements for Operational Gaseous Nitrogen, Helium, and Hydrogen Systems at Complex 39, Specification for
KSC-SPEC-P-0007			Canceled 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	Rev C 5/15/1992	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	Rev B 9/1/1982	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			Canceled 7/20/1990. Superseded by KSC-GP-435.	Ground Support Equipment Manual for Drafting and Design, Preparation and Maintenance of, Specification for
NASA-STD-5005	PUBLIC	KSC NE	Rev C 3/13/2009	Standard for the Design and Fabrication of Ground Support Equipment
KSC-STD-E-0002	EAR 99 NLR	NE	Rev E 3/12/2009	Hazardproofing of Electrically Energized Equipment, Standard for
KSC-SPEC-E-0025			Canceled 6/16/1994.	Headset, Microphone and Cord Assembly, Specification for

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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	4/1/1968	Heat and Blast Protection Coating Materials for Electrical Cables, Specification for
KSC-SPEC-F-0015			Canceled 1/3/1997	Honeycomb Paneling for MSS Floors, Walkways, and Roofs
KSC-STD-Z-0007	EAR 99 NLR	NE	6/29/1973	Hydrocarbon Fuel Ground Support Equipment, Design of, Standard for
KSC-SPEC-M-0016			Canceled 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 canceled 7/10/1992, use Drawing 81K04331.	Identification and Color Coding of Compressed Gas Cylinders
KSC-STD-Q-0001			Canceled 8/7/1989 without replacement.	Identification Marking for Metals, Standard
KSC-SPEC-Z-0006	EAR 99 NLR	TA	Rev A 3/15/1995	Induction Brazing, Aerospace Tubing Fittings, Specification for
KSC-STD-S-0001B			Superseded by KSC-STD-SF-0001. KSC-STD-SF-0001 canceled 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 canceled 3/23/1992, use 29 CFR 1910.178.	Inspecting, Testing, and Certifying Forklift Trucks (and Applicable Operator Requirements), Standard for
KSC-STD-8			Canceled 8/17/1978	Instructions for Preparation of Design Criteria and Functional Requirements
KSC-STD-E-0006	EAR 99 NLR	NE	Rev B 11/12/1993	Instrumentation and Communications Cable Applications, Standard for

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KSC-STD-Z-0003			Canceled 8/9/1989. Superseded by KSC-STD-Z-0004.	Integrity of Structures Establishing and Maintaining, Standard for
KSC-STD-168			Canceled 8/17/1978	Interpretations of Drawing Terms and Tolerances, Standard
KSC-STD-G-0003	EAR 99 NLR	NE	Rev B 12/18/1988	Launch Support and Facility Components, Qualification of, Standard for
KSC-STD-Z-0002			Canceled 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			Canceled 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			Canceled 4/17/1995	Lightning Instrumentation Systems at KSC, Specification for
KSC-SPEC-M-0021			Canceled 4/17/1995	Lightning Warning System KSC Data Processor, Specification for
KSC-SPEC-M-0006			Canceled 7/29/1994	Line Driving Amplifier Specification
KSC-STD-141	EAR 99 NLR	NE	Rev A 11/1/1989	Load Test Identification and Data Marking, Standard for
KSC-SPEC-P-0005			Canceled 1/22/1997	Long Form Spare Parts Provisioning, General Specification for
KSC-SPEC-M-0014			Canceled 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			Canceled. Superseded by KSC-STD-E-0015.	Marking of Ground Support Equipment Standard
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

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KSC-STD-P-0005			Canceled 7/5/1994. Superseded by MIL-STD-961.	Material Specifications, Preparation of, Standard for
KSC-SPEC-M-0013			Canceled 4/17/1995	Measurement Systems Division Instrumentation at the Meteorological Prediction Center, Specification for
KSC-SPEC-M-0025			Canceled 4/17/1995	Meteorological Instrumentation Systems at KSC, Specification for
KSC-SPEC-E-0002	EAR 99 NLR	NE	3/15/1967, Amendment 1 4/1/1967	Modular Enclosures (Cabinets, Consoles) and Accessories, Radio Frequency Interference Shielded, Specification for
KSC-M-117 (D)			Canceled 12/19/1996. Superseded by NEMA MG1.	Motors, Alternating Current, Integral Horsepower for Ground Support Equipment, Specification
KSC-SPEC-M-0005			Canceled 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			Canceled 5/18/1989. Superseded by SPECSINTACT Division 10, Section 10441.	Office Directories, Organizational and Name Signs Standard
KSC-SPEC-F-0011			Canceled 1/7/1997. Superseded by 203-805 SPEC.	Ordnance Operations Facility, Specification for
KSC-P-116			Canceled 8/24/1994	Packaging and Marking for Cables and Harnesses, Procedure for
KSC-P-127/1			Canceled 11/7/1994	Packaging, Packing, Marking for Shipment and Storage of Motors and Motor Drive Sets
KSC-P-127			Canceled 2/4/1997	Packaging, Packing, Marking, for Shipment and Storage of Ground Support Equipment, General Specification
KSC-STD-9			Canceled 5/18/1989. Superseded by the American Institute of Architects (AIA) Graphic Standards and SPECSINTACT Division 02- Site Work.	Parking Area Engineering Design Standard and Guide Specification, Part I and Part II

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KSC-SPEC-P-0011			Canceled 9/15/1995. Use SPI SP-601(2)K. SPI SP-601(2)K canceled and superseded by USA004756, 10/3/2002.	Particulate Screening Reverification Sample Requirements on Space Shuttle Ground Systems
KSC-SPEC-P-0009			Canceled 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	9/30/1969	Penetrant, Magnetic Particle and Ultrasonic Inspection, Requirements for, Specification for
KSC-SPEC-P-0001			Canceled 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			Canceled 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	Rev A 9/22/1975, Amendment 1 8/30/1976	Pipe, 36% Nickel, Iron-Base (Invar 36), Specification for
KSC-SPEC-M-0012			Canceled 7/22/1994	Platinum Temperature Transducer, Specification for
KSC-STD-15			Canceled 8/17/1978	Plumbing (Cross Connections), Engineering Design Standard
KSC-STD-E-0004	EAR 99 NLR	NE	Rev B 8/12/2008	Pneumatic and Hydraulic Mechanical Components, Electrical Design, Standard for
KSC-STD-Z-0005	EAR 99 NLR	NE	Rev B 10/12/1988, Change 1 7/31/2009	Pneumatic Ground-Support Equipment, Design of, Standard for
KSC-SPEC-M-0024			Canceled 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

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KSC-STD-132	EAR 99 NLR	NE	Rev D 10/24/2008	Potting and Molding Electrical Cable Assembly Terminations, Standard for
KSC-SPEC-F-0003			Canceled 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			Canceled 8/17/1978	Prefabricated Metal Buildings
KSC-STD-P-0004			Canceled 7/5/1994. Superseded by MIL-STD-961.	Process Specifications, Preparation of, Standard for
KSC-SPEC-F-0006- AMPL			Canceled 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	Propellants, Recovered Halon-1301, Specification for
KSC-SPEC-P-0017	EAR 99 NLR	TA	10/18/1994	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
KSC-STD-F-0003			Canceled 2/10/1997	Protective Coating and Identification of High-Pressure Gas Mobile Equipment, Standard for
KSC-SPEC-C-0001			Canceled. Superseded by KSC-STD-C-0001. Revision E of KSC-STD-C-0001, 12/12/2001, was canceled and superseded by NASA- STD-5008 7/10/2001.	Protective Coating of Carbon Steel, Specification for
NASA-STD-5008	PUBLIC	KSC TA	Rev A 1/21/2004	Protective Coating of Carbon Steel, Stainless Steel, and Aluminum on Launch Structures, Facilities, and Ground Support Equipment

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KSC-STD-C-0001			Revision E, 12/12/2001, was canceled 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			Canceled. Superseded by KSC-STD-C-0001. Revision E of KSC-STD-C-0001, 12/12/2001, was canceled and superseded by NASA-STD-5008 7/10/2001.	Protective Coating of Carbon Steel, Standard for
KSC-STD-SP-0002			Canceled 12/19/1996 without replacement.	Provisioning Technical Documentation, Detail Standard for
KSC-SPEC-F-0007			Canceled 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			Canceled 8/24/1994	Racks, Consoles, Panels and Distributors, Packaging, Marking and Storage of
KSC-STD-137			Canceled 8/17/1978	Recording of Time and Cycle Sensitive Component Part Data Standard
KSC-SPEC-P-0012	EAR 99 NLR	TA	4/25/1979	Refractory Concrete, 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-E-1004			Canceled 1/6/1997	Refurbishment of Geodesic Dome K7-1205G, KSC, Technical Specification for
KSC-SPEC-M-0023			Canceled 7/22/1994	Remote Calibrate and Remote Gain Change Amplifier System, Specification for
KSC-SPEC-P-0008			Canceled 1/6/1997	Repainting of 500 Foot Weather Tower J6-490A, Specifications for
KSC-R-104			Canceled 7/22/1994	Resistor, Fixed, Power, Wirewound (Chassis Mount) (Style KRE65/70/75)
KSC-R-148			Canceled 6/24/1994	Resistors, Composition Carbon (Styles KRC07/20/32/42) Specification for
KSC-R-102			Canceled 7/1/1994	Resistors, Fixed, Film (High Stability) (Styles KRN55/60/65/70)
KSC-R-103			Canceled 7/8/1994	Resistors, Fixed, Film General Purpose (Styles KRL07/20/32/42) Specification for

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KSC-R-105			Canceled 7/22/1994	Resistors, Fixed, Wirewound (Power Type) (KRW67/68/69)
KSC-SPEC-Z-0017			Canceled 4/3/1992	Resuscitator, Miniature, Type 1, Specification for
KSC-SPEC-P-0010			Canceled 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			Canceled 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			Canceled 7/1/1994	Self-Powered Thermocouple Reference Junction, Specification for
KSC-S-101			Superseded by MIL-PRF-19500.	Semiconductor Devices, General Specification
KSC-SPEC-E-0004			Canceled 1/31/1975. Superseded by Mil-PRF-19500.	Semiconductor Devices, General Specification for
KSC-SPEC-P-0004			Canceled 1/22/1997	Short Form Spare Parts Provisioning, General Specification for
KSC-STD-SP-0001			Canceled 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			Canceled and superseded by KSC-SPEC-F-0006 Revision B, 1/30/2009	Silicone Rubber Ablative Material to Ground Support Equipment, Application of, Specification for
KSC-STD-CV-0001			Canceled 9/5/1996	Software Standards for Application Software for the Real Time Data Subsystem
KSC-STD-E-0010	EAR 99 NLR	TA	Rev A 8/19/1994	Soldering of Electrical Connections, (Hand or Machine), Standard for
KSC-S-178			Canceled 8/15/1995	Soldering, Automatic Wave, of Printed Circuit Assemblies, Procedure for

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KSC-W-151(DP)			Canceled 8/15/1995. Requirements are covered by MIL-STD-1130 and NHB 5300.4(3H). MIL-STD-1130 was canceled 9/10/1999 without replacement. NHB-5300.4(3H) canceled 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
KSC-SPEC-P-0022	EAR 99 NLR	TA	2/26/2001	Solvent, Cleaning, 1,3-Dichloro-1,1,2,2,3-Pentafluoropropane, HCFC-225G, Specification for
KSC-SPEC-P-0020	EAR 99 NLR	TA	2/26/2001	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			Canceled 1/3/1997. Superseded by 67-MK-584 SPEC.	Specifications for Additions & Modifications to Base Maintenance Building Launch Complex 39
NASA-STD-5005	PUBLIC	KSC NE	Rev C 3/13/2009	Standard for the Design and Fabrication of Ground Support Equipment
KSC-SPEC-M-0010			Canceled 9/1994	Strain Gage Pressure Transducer, Standard, Specification for
KSC-SPEC-M-0015			Canceled 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-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 D 4/6/2005	Technical Documentation Style Guide

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KSC-STD-E-0021	EAR 99 NLR	TA	10/31/2002	Telecommunication Premises Distribution Systems, Design of, Standard for (KSC)
KSC-STD-129			Canceled 4/25/1988	Test Procedure, Preparation of, Standard
KSC-STD-128			Canceled 1/9/1996. Superseded by KSC-DF-107.	Test Reports, Preparation of, Standard for
KSC-STD-Z-0011			Canceled 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-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			Canceled 6/16/1994.	Ultraviolet Flame Detector, Purchase Specification for an
KSC-SPEC-G-0001			Canceled 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			Canceled 4/30/1992	Valve, Relief Toxic Fuel Handlers' Coveralls, Specification for
KSC-SPEC-M-0004			Canceled 7/29/1994	Vibration Data Acquisition System (LC-39), Technical Specifications for a

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KSC-SPEC-Z-0002			Canceled 2/26/1993. Superseded by KSC-SPEC-Z-0003. KSC-SPEC-Z-0003 canceled 1/15/1996 and superseded by KSC-SPEC-Z-0020. KSC-SPEC-Z-0020 canceled 6/22/1999 and superseded by NASA-SPEC-5004.	Welding Aluminum Alloy Pipe, Tubing, and Associated Fittings, Specification for
KSC-SPEC-Z-0020			Canceled 6/22/1999. Superseded by NASA-SPEC-5004.	Welding of Aerospace Ground Support Equipment and Related Facilities, Specification for
NASA-SPEC-5004	PUBLIC	KSC TA	Rev A 8/25/2003	Welding of Aerospace Ground Support Equipment and Related Nonconventional Facilities
KSC-W-180			Canceled. Superseded by KSC-SPEC-Z-0002. KSC-SPEC-Z-0002 canceled 2/26/1993 and superseded by KSC-SPEC-Z-0003. KSC-SPEC-Z-0003 canceled 1/15/1996 and superseded by KSC-SPEC-Z-0020. KSC-SPEC-Z-0020 canceled 6/22/1999 and superseded by NASA-SPEC-5004.	Welding of Aluminum Alloy Pipe, Tubing, and Associated Fittings, Specification
KSC-SPEC-Z-0003			Canceled 1/15/1996. Superseded by KSC-SPEC-Z-0020. KSC-SPEC-Z-0020 canceled 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			Canceled 1/15/1996. Superseded by KSC-SPEC-Z-0020. KSC-SPEC-Z-0020 canceled 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

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KSC-W-179			Canceled. Superseded by KSC-SPEC-Z-0003. KSC-SPEC-Z-0003 canceled 1/15/1996 and superseded by KSC-SPEC-Z-0020. KSC-SPEC-Z-0020 canceled 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			Canceled 1/15/1996. Superseded by KSC-SPEC-Z-0020. KSC-SPEC-Z-0020 canceled 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
KSC-STD-E-0014	EAR 99 NLR	NE	Rev B 9/17/1996	Wire and Cable Applications, Standard for
KSC-W-167	EAR 99 NLR	NE	Rev B 7/25/1994	Wiring Programming System Patchboards, Specification for