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National Aeronautics and
Space Administration

John C. Stennis Space Center
Stennis Space Center, MS 39529-6000

COMPLIANCE IS MANDATORY

JOHN C. STENNIS SPACE CENTER TEST COMPLEX LINE DESIGNATOR NUMBERS

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SUBJECT: Test Complex Line Designator Numbers		

Document History Log

Change/ Revision	Change Date	Originator/ Phone	Description
Basic	04/30/01	Doug Dike ext. 8-2803	Initial release – supersedes SSC STD 97-012, with the following changes: New document number and format per SPG 1400.1; Edit and complete reorganization, with section title changes/additions, and text mods to reflect current SSC operations; Intro text relocated to 1.0, 2.0 and 5.1; 1.0 Test Support Utility changed to SSC Facilities Piping; added ref to STD 66-500; 2.0 added Special Test Equipment; 3.0 added references per text changes; 4.0 “Responsibilities” added new; 5.2 example A01 changed to A1001; 5.2.2, 5.2.3 deleted tabular listings of System Fluid Abbreviations & Area No. Descriptions; added ref to 54000-P001; 5.2.5 added “or by contract requirement”; 6.0 and 7.0: added new.
A	05/18/07	Doug Dike ext. 8-2803	Updated referenced documents throughout per document re-numbering. 5.2.5 removed “in the 47- series (piping/tubing)” per new document numbering system for standards. Changed NASA SSC Center Operations Facilities Engineering Division to NASA SSC Center Operations Project Management Division, per NASA organization re-structuring. Deleted SSLP-1440-0001 per cancellation, replaced with superseding SPR 1440.1. Deleted references to SSC STD 66-500 per cancellation, replaced with superseding SSTD-8070-0001-CONFIG. Deleted references to SSC STD 99-008, replaced with superseding SSTD-8070-0005-CONFIG.

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B		Doug Dike Ext. 8-2803	Corrected typographical and grammatical errors, and formatting. Added Section 5.1(d) All non-metallic, underground piping systems shall have a magnetic trace tape installed above the pipe for locating the pipe. Section 5.2, changed piping material to piping designator. Section 5.2.5, changed to: The end letter(s) or alphanumeric identifier indicates the governing SSC Standard or piping specification that defines the following: a. governing industries standards; b. pressure and temperature ratings; c. allowed service fluid(s); d. types of mechanical connectors; e. manual(s) used to fabricate the piping system, including those for fitting, pipe, tubing, flanges, bosses, hubs, clamps, seal rings, gaskets, bolting; f. pressure boundary wall thicknesses and tolerances; g. welding and weld inspection requirements; h. pressure and leak test requirements; i. cleaning requirements; j. special geometry requirements of pipe and fitting in addition to those covered by industry standards where applicable, and; k. special installation and external pipe support requirements where applicable.
C	06/30/15	Doug Dike ext. 8-2803	Five-year review. Renamed standard "John C. Stennis Space Center Test Operations Line Designator Numbers". Revised cover sheet to require approval from NASA SSC Center Operations Design & Construction Project Management Division and NASA SSC Engineering and Test Directorate, with concurrence by NASA SSC Safety and Mission Assurance. Updated references and acronyms. Revised 2.0, Applicability, to read: "This SSC STD (SSTD) applies to all SSC facility and Special Test Equipment (STE) piping systems and pipe lines (including but not limited to those for chilled water, heating water, potable water, and natural gas) when these systems are used for processes related to test operations; e.g., piping that appears on Piping Sketch (PSK) Drawings. Exceptions may be made for STE piping systems and pipe lines with the approval of the Configuration Control Board (CCB) Chairman without

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			a deviation or a waiver. Existing piping systems, piping system sections, and pipe spools that are modified, repaired, tested, or in operational service prior to the issue date of this standard are exempt from requirements of this standard. However, these existing piping systems, piping system sections, and pipe spools shall conform to this standard at specific locations where modifications and repairs are made and where new pipe and pipe fittings are installed into or joined to lines and components of these existing systems after the issue date of this standard.” 5.1 General Requirements: Deleted 5.1.a, which was a repetition of 2.0; and revised 5.1.e, 5.1.f and 5.1.g. 5.2 Number Format: Added: “The line designator number is not a serial number; it is tied to a specific system location on a schematic drawing. The line designator number identifies...” Revised 5.2.1.b, 5.2.3.b, 5.2.4 and 5.2.5. Added 8.0, Definitions.
C-1	02.12.16	R. Carol Wolfram x8-1164	Administrative change. Replaced “Test Operations” with “Test Complex” throughout document.