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**SSTD-8070-0092-FLUIDS Rev. Basic
July 2013**

COMPLIANCE IS MANDATORY

John C. Stennis Space Center Design, Installation and Maintenance of Sitewide Natural Gas Distribution System

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	Effective Date: July 19, 2013	
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Responsible Office: NASA Center Ops Design & Construction Project Management		
SUBJECT: Design, Installation, Maintenance of Sitewide Natural Gas Distribution System		

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1.0 PURPOSE

This John C. Stennis Space Center (SSC) standard (SSTD) is to provide a standard method for the design, installation and maintenance of the natural gas distribution systems and system components at SSC.

2.0 APPLICABILITY

- a. For the purpose of this SSTD, a distribution system entails all of the valves, piping, meters and other components up to the pipe building penetration or equipment hookup.
- b. The distribution of natural gas within building is not covered in this SSTD because of the wide variety of components and gas usage within buildings/systems at SSC. Distribution within buildings will be covered by building procedures.

3.0 REFERENCES AND APPLICABLE DOCUMENTS

All references are assumed to be the latest version unless otherwise indicated.

NFPA 54, *National Fuel Gas Code*

PER#6325-12-012, *Preliminary Engineering Report of SSC Site-Wide Natural Gas System*

SPLN-1040-0006, *SSC Emergency Management Plan*

SPLN-8500-0002, *SSC Energy Efficiency and Water Conservation 5-Year Plan*

SPLN-8500-0067, *SSC Environmental Management Plan*

SPLN-8621-0003, *SSC Mishap Preparedness and Contingency Plan*

SPR 1440.1, *SSC Records Management Program Requirements*

SSOP-8830-0057, *SSC Natural Gas System*

SSTD-8070-0005-CONFIG, *SSC Preparation, Review, Approval, and Release of SSC Standards*

SSTD-8070-0124-IDCODES, *SSC Painting of Above Ground Markers for Underground Pipe*

CFR Title 49 Part 192, *Transportation of Natural and Other Gas by Pipeline: Minimum Federal Standards*

4.0 RESPONSIBILITIES

- a. Users of this SSTD shall comply with its requirements, ensure use of the correct version of this Standard and the documents it references, and inform the appropriate organization of needed changes in accordance with SSC Standard SSTD-8070-0005-CONFIG.
- b. Responsibilities for the use and control of this SSTD and for the review and approval of revisions or cancellation of this Standard shall be as specified in SSTD-8070-0005-CONFIG and the applicable documents referenced therein.