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John C. Stennis Space Center Identification of Piping Systems and Above-Ground Markers

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SUBJECT: Identification of Piping Systems and Above-Ground Markers	

Document History Log

Revision	Date	Originator	Description
Basic	6/9/03	Glen Liebig ext. 8-2219	Initial release – supersedes SSC STD 80-005 Rev A, and STD 80-001, Rev B, with the following major changes: New document number and format per SPG 1400.1; New document title; Reclassification of Paint Standard as Identification Code (broader scope includes paint color codes for piping and associated markers); change to requirements for commercial tape and complex configurations; 1.0 revised to include SSC Piping Systems, including Special Test Equipment (per Section 2.0); 2.0 added new; subsequent sections renumbered; 3.0 modified to delete obsolete documents; 4.0, 7.0 and 8.0 added new; 5.1 (was 3.1) rewritten and reorganized; 6.0 (was 3.0, 3.2, 3.3 and 4.0) rewritten and reorganized.
A	8/15/08	Amy Rice 8-2972	Reclassification of Paint Standard as Identification Code (broader scope includes paint color codes for piping and associated markers); change to requirements for commercial tape and complex configurations; 3.0 modified to delete obsolete documents; 5.0 rewritten and reorganized; Color codes rewritten; 7.0 and 8.0 modified to delete obsolete documents and acronyms;
B	07/06/2014	D. Dike/ 8-2803	Regular five (5)-year review. Updated references.

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1.0 PURPOSE

This John C. Stennis Space Center (SSC) standard (SSTD) establishes the methods and color codes for identification of underground and aboveground piping systems and their associated aboveground markers at Stennis Space Center in accordance with ASME A13.1, ANSI Z535.1 and FED-STD-595.

2.0 APPLICABILITY

This standard applies to all SSC facilities' piping systems, including Special Test Equipment. This standard is not applicable to electrical units; ventilation units; storage vessels; supports, brackets or other accessories; or pipelines installed in missiles, spacecraft or aircraft.

3.0 REFERENCES

Referenced documents are assumed to be the latest version unless otherwise specified.

ASME A13.1, *Scheme for the Identification of Piping Systems*

ANSI Z535.1, *Safety Color Code*

FED-STD-595, *Colors Used in Government Procurement*

NPR 1441.1, *NASA Records Retention Schedules*

SPR 1440.1, *SSC Records Management Program Requirements*

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

4.0 RESPONSIBILITIES

This standard shall be maintained and controlled in accordance with the responsibilities and requirements of SSTD-8070-0005-CONFIG.

5.0 PIPING SYSTEMS IDENTIFICATION

5.1 DEFINITIONS

- a. Piping Systems. Piping systems are defined as conduits for the transport of gases, liquids, semi-liquids, or fine particulate dust. For the purpose of this standard, piping systems shall include tubing and pipes of any kind as well as fittings, valves and pipe coverings.
- b. Color Warning. A color warning is the color assigned to the class into which a material is classified in accordance with its hazard from a safety standpoint. These colors appear as a circular band as legend backgrounds.

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