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Space Administration

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

SSTD-8070-0104-PAINT Rev. B-1
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COMPLIANCE IS MANDATORY

John C. Stennis Space Center PAINTING STANDARD

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	Effective Date:	February 12, 2016
	Review Date:	July 23, 2020
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Responsible Office: NASA SSC Center Operations Operations & Maintenance Division		
SUBJECT: Painting Standard		

Document History Log

Revision	Date	Originator/ Phone	Description
Basic	06.04.10	K. Snyder/ ext. 1649	Initial release, superseding 80-502. Entire document updated, reformatted and referenced updated. Section 10.1 (l): wind and airborne contaminants added. Section 10.1: added n: All spray-painting operations shall be contained for particulate emissions during the work; and o: The containment system shall be designed to comply with all Federal, state and local regulations, as well as all NASA policies. Added Section 13.0d: Reports to FOSC Environmental (1) By the 10 th day of each month, a report must be submitted by a FOSC Shop designate or contractor to FOSC Environmental Department detailing the amount and type of paint used during the previous month. Log sheets for this purpose are available through FOSC Environmental Department. (2) By the 10 th day of each month, a report must be submitted by a FOSC Shop designate or contractor to FOSC Environmental Department detailing the amount and type of blast material used during the previous month. Log sheets for this purpose are available through FOSC Environmental Department.
A	11.03.14	K. Snyder/ ext. 1649	Five-year review of SSTD-8070-0104. This standard also supersedes SSC 80-501, Rev. A. References and acronyms updated. Added Project Management Division, Engineering & Test Directorate, and Safety & Mission Assurance to required signatures. "FOSC" changed to "NASA or its designee" in all references throughout document.
B	07.23.15	K. Snyder / Ext. 1649	Revised cover sheet to reflect approval by CO OMD, and concurrence by PMD and SMA. Updated references. Updated 6.0-g to include, "Paint containing hazardous constituents, such as lead and hexavalent chromium, shall be removed in accordance with SCWI-8500-0018-ENV." Modified 7.1-a to specify that blasting abrasive "shall contain less than 1% crystalline silica."

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B-1	02.12.16	R. Carol Wolfram 8-1164	Administrative change. Replaced “NASA or its designee” with “SACOM” throughout document.
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1.0 PURPOSE

The purpose of this John C. Stennis Space Center (SSC) standard (SSTD) is to set forth requirements for specified surface preparation and finish painting of fabricated steel structures to control corrosion; and to instruct Synergy-Achieving Consolidated Operations and Maintenance (SACOM) maintenance painters at SSC in preparing and repainting these structures. All coatings at SSC shall adhere to NASA-STD-5008.

2.0 APPLICABILITY

This SSTD shall apply to all contractors and subcontractors.

3.0 REFERENCE AND APPLICABLE DOCUMENTS

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

NASA-STD-5008, *Protective Coating of Carbon Steel, Stainless Steel, and Aluminum on Launch Structures, Facilities, and Ground Support Equipment*

SCWI-8500-0018-ENV, *Lead Hazard Control*

SCWI-8715-0008, *SSC Construction Safety and Health Program*

SPR 1440.1, *Records Management Program Requirements*

SPR 8715.1, *SSC Safety and Health Program Requirements*

SSP-8715-0001, *SSC Safety and Health Handbook*

SSPC SP1, *Solvent Cleaning*

SSPC SP3, *Power Tool Cleaning*

SSPC SP6, *Commercial Blast Cleaning*

SSPC SP10, *Near-White Blast Cleaning*

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

4.0 RESPONSIBILITIES

- a. Users of this SSTD shall comply with its requirements, ensure use of the correct version of this SSTD and the documents it references, and inform the appropriate organization of needed changes in accordance with 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 SSTD shall be as specified in SSTD-8070-0005-CONFIG and the applicable documents referenced therein.