

Section 02520S

FIRE HYDRANTS

The following supplement modifies Section 02520– Fire Hydrants Standard Specification. Where a portion of the Specification is modified or deleted by this Supplementary Specification, the unaltered portions of the Specification shall remain in effect.

1.03 REFERENCES: Add the following paragraph and re-letter remaining paragraphs accordingly:

“A. AWWA C502 – Standard for Dry Barrel Fire Hydrants (Latest Edition)”.

2.01 HYDRANTS: Delete Paragraph 2.01 A and replace with the following:

“A. Provide fire hydrants in conformance with AWWA C502, Standard for Dry Barrel Fire Hydrants (Latest Edition). Hydrants are approved by the City for issuance of a Certificate of Responsibility. Only hydrants with current Certification of Responsibility will be allowed in City of Houston projects. The following hydrants are currently approved. Alternate hydrants will not be considered.”

HYDRANT	ENGINEERING CONTROL DRAWING
U.S. Pipe and Foundry Co. M-94 Metropolitan 5-1/4” A495	DWG 960324 Rev. dated 2/06/02
Mueller Company Super Centurion 250 5-1/4” A423	DWG FH-70 Rev. B dated 7/2/08
American AVK Company AVK Series 2780 Nostalgic	DWG 2780-Houston-2 Rev. AAD3, dated 3/24/04

2.03 HYDRANT PAINTING: Replace Paragraphs under 2.03 B and 2.03 C and 2.03 C as shown below and replace Paragraphs 2.03 D, 2.03 E, and 2.03 E.1 with Paragraphs shown below:

“1. Surface preparation to be in accordance with SSPC-SP 10 (NACE 2) near white blast cleaned surface.

3. Colors - Primer: Manufacturer's standard color. Finish coat of hydrant body: ACRO 555 Crystal Blue or equivalent. Connection caps: Finish coated white. Paint white band of finish coat two inches in width on hydrant body approximately six inches above and parallel to traffic flange. Intermediate coat: Contrasting color to blue finish, such as white."
- C. Field Maintenance Painting (Exterior Above Traffic Flange): Delete Paragraph 2.03 C.2 and replace with the following:
- "2. When surface is cleaned to bare metal (SSPC SP11) coat hydrant with three coat Alkyd/Silicone Alkyd system in accordance with Paragraph 2.03.B.2 as for new hydrants. When surface is cleaned to SSPC SP2 or SSPC SP3, coat hydrant with Silicone Alkyd Resin Enamel in general conformance with SSPC Paint Specification No. 21. Total dry film thickness of 3-6 mils."
- "D. Exterior Below Traffic Flange (including lower barrel extensions)"
- "E. Interior Surfaces Above and Below Water Line Valve (including lower barrel extensions)
1. Material used for internal coating of hydrant interior ferrous surfaces must be NSF certified as suitable for contact with potable water as required by Chapter 290, Rules and Regulations for Public Water Systems, Texas Commission on Environmental Quality"

END OF SUPPLEMENT

Approved by:



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12/10/09

Date