

PORTLAND PUBLIC SCHOOLS
TECHNICAL DESIGN AND CONSTRUCTION STANDARDS

PPS Division 27: Communications Standards

STANDARDS / CODE / PUBLICATIONS / OTHER REFERENCE MATERIALS

<u>Standards / Codes / Publications</u>	<u>Version Owned</u>	<u>Design Team Certification of Ownership</u>
1. ANSI/TIA 526-14 Optical Power Loss Measurements of Installed Multimode Fiber Cable Plant-OFSTP-14A.		
2. ANSI/TIA 568 Commercial Building Telecommunications Cabling Standards		
a. ANSI/TIA 568.0 Generic Telecommunications Cabling for Customer Premises		
b. ANSI/TIA 568.1 Generic Telecommunications Infrastructure Standards		
c. ANSI/TIA 568.2 Balance Twisted-Pair Telecommunications Cabling and Components		
d. ANSI/TIA 568.3 Optical Fiber Cabling and Components		
e. ANSI/TIA.568.4 Broadband Coaxial Cabling and Components		
3. ANSI/TIA-569: Telecommunications Pathways and Specs		
4. ANSI/TIA-598: Color Coding of Fiber optic Cables.		
5. ANSI/TIA-606: The Administration Standard for the Telecommunications Infrastructure of Commercial Building		
6. ANSI/TIA-607: Generic Telecommunications and Grounding (Earthing) for Customer Premises		
7. ANSI/TIA-758: Customer Owned Outside Plant Telecommunications Cabling Standard		
8. ANSI/TIA-4966: Telecommunications Infrastructure Standard for Educational Facilities		
9. TIA-526-7: Measurement of Optical Power Loss of Installed Singlemode Fiber Cable Plant		
10. ANSI/BICSI 008 - Wireless Local Area Network (WLAN) Systems Design and Implementation Best Practices		
11. ANSI/BICSI 001: Information and Communication Technology Systems Design and Implementation Best Practices for Educational Institutions and Facilities		
<u>12.</u> NFPA-70, National Electric Code ("NEC")		

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STANDARDS / CODE / PUBLICATIONS / OTHER REFERENCE MATERIALS (continued)

<u>Other Reference Materials</u>	<u>Version Owned</u>	<u>Design Team Certification of Ownership</u>
1. ANSI/BICSI® N1-2019, Installation Practices for Telecommunications and ICT Cabling and Related Cabling Infrastructure		
2. BICSI® Outside Plant Design Reference Manual (“COOSP”)		
3. BICSI® Electronic Safety and Security Reference Manual (“ESSDRM”)		
4. BICSI® Telecommunications Distribution Methods Manual (“TDMM”)		
5. BICSI® Wireless Design Reference Manual (“WDRM”)		
6. National Electrical Manufacturers Association (“NEMA”) Underwriters Laboratories (UL®) 467 Standard for Grounding and Bonding Equipment		
7. Underwriters Laboratories (“UL”®) 2043 Standard for Fire Test for Heat and Visible Smoke Release for Discrete Products and their Accessories Installed in Air-Handling Spaces		
8. Underwriters Laboratories (“UL”®) 2239 Conduit, Tubing, and Cable Support Hardware American Standards Association (“ASA”)		