

CONTENTS

American National Standards

Project Initiation Notification System (PINS)	2
Call for Comment on Standards Proposals	32
Final Actions - (Approved ANS)	53
Call for Members (ANS Consensus Bodies).....	65
American National Standards (ANS) Process	75
ANS Under Continuous Maintenance	76
ANSI-Accredited Standards Developer Contact Information.....	77

International Standards

ISO and IEC Draft Standards.....	79
IEC Newly Published Standards.....	83

Registration of Organization Names in the United States	85
--	-----------

Proposed Foreign Government Regulations	86
--	-----------

Project Initiation Notification System (PINS)

ANSI Procedures require notification of ANSI by ANSI-accredited standards developers (ASD) of the initiation and scope of activities expected to result in new or revised American National Standards (ANS). Early notification of activity intended to reaffirm or withdraw an ANS and in some instances a PINS related to a national adoption is optional. The mechanism by which such notification is given is referred to as the PINS process. For additional information, see clause 2.4 of the ANSI Essential Requirements: Due Process Requirements for American National Standards.

Following is a list of proposed actions and new ANS that have been received recently from ASDs. Please also review the section in Standards Action entitled "American National Standards Maintained Under Continuous Maintenance" for additional or comparable information with regard to standards maintained under the continuous maintenance option. Use the following Public Document Library url to access PDF & EXCEL reports of approved & proposed ANS: [List of Approved and Proposed ANS](#)

Directly and materially affected interests wishing to receive more information or to submit comments are requested to contact the standards developer directly within 30 days of the publication of this announcement.

ADA (American Dental Association)

211 East Chicago Avenue | Chicago, IL 60611-2678 www.ada.org

Contact: Paul Bralower; bralowerp@ada.org

New Standard

BSR/ADA Standard No. 1107-202x, DICOM and SNODENT Implementation of ADA White Paper No. 1100 (Orthodontic/Craniofacial/Forensic Photographic Views and Viewsets) (new standard)

Stakeholders: Dental software developers

Project Need: This standard is needed to provide precise and unambiguous instructions for proper and interoperable encoding of orthodontic images for developers of dental software products.

Scope: This standard will provide a detailed implementation guide for encoding orthodontic/craniofacial views using DICOM with SNOMED CT terminology. This guide depends on ADA SCDI White Paper No. 1100 - Orthodontic/Craniofacial/Forensic Photographic Views and Viewsets.

ADA (American Dental Association)

211 East Chicago Avenue | Chicago, IL 60611-2678 www.ada.org

Contact: Paul Bralower; bralowerp@ada.org

Revision

BSR/ADA Standard No. 2000.5-202x, SNODENT (Systemized Nomenclature of Dentistry) (revision and redesignation of ANSI/ADA Standard No. 2000.4-2020)

Stakeholders: Dental care providers, healthcare and research organizations, government agencies, dental schools and clinics, and dental benefit providers and organizations.

Project Need: SNODENT provides a needed standardized code set for the representation of clinical oral health descriptions captured by dentists that is interoperable across healthcare systems and with electronic health record systems. It is revised annually to maintain currency with dental terminology.

Scope: SNODENT is a clinical terminology designed for use with electronic health records that enables the capture and analysis of detailed oral health data, including oral anatomical sites, oral health conditions, findings, and other clinical concepts unique to dentistry.

ASTM (ASTM International)

100 Barr Harbor Drive | West Conshohocken, PA 19428-2959 www.astm.org

Contact: Laura Klineburger; accreditation@astm.org

New Standard

BSR/ASTM WK78121-202x, New Test Method for Determination of Bulk in Synthetic Turf Fiber (new standard)

Stakeholders: Artificial Turf Surfaces and Systems Industries

Project Need: Currently no specific test method for synthetic turf fibers is available. A variety of different test methods are being used throughout the industry.

Scope: Measuring bulk in texturized synthetic turf fiber made out of either PE, PA, or PP. The test method will identify temperatures for bulk determination and procedures for measuring bulk levels. This document can be used to determine if product specifications are met by suppliers.

AWS (American Welding Society)

8669 NW 36th Street, Suite 130 | Miami, FL 33166-6672 www.aws.org

Contact: Jennifer Rosario; jrosario@aws.org

Revision

BSR/AWS B2.1-1-001-202x, Standard Welding Procedure Specification (SWPS) for Shielded Metal Arc Welding of Carbon Steel (M-1/P-1, Group 1 or 2), 3/16 inch [5 mm] through 3/4 inch [19 mm] Thick, E7016 and E7018, in the As-Welded Condition, Primarily Plate and Structural Applications (revision of ANSI/AWS B2.1-1-001-2019)

Stakeholders: Manufacturers, welders, engineers, CWIs

Project Need: Need for pretested welding procedures that satisfy the technical requirements for the commonly used construction codes and specifications.

Scope: This standard contains the essential welding variables for carbon steel plate and pipe in the thickness range of 3/16 inch [5 mm] through 3/4 inch [19 mm], using manual shielded metal arc welding. It cites the base metals and operating conditions necessary to make the weldment, the filler metal specifications, and the allowable joint designs for fillet and groove welds. This SWPS was developed primarily for plate and structural applications.

AWS (American Welding Society)

8669 NW 36th Street, Suite 130 | Miami, FL 33166-6672 www.aws.org

Contact: Jennifer Rosario; jrosario@aws.org

Revision

BSR/AWS B2.1-1-002-202x, Standard Welding Procedure Specification (SWPS) for Gas Tungsten Arc Welding of Carbon Steel (M-1/P-1, Group 1 or 2), 3/16 inch [5 mm] through 7/8 inch [22 mm] Thick, ER70S-2 and ER70S-3, in the As-Welded Condition, Primarily Plate and Structural Applications (revision of ANSI/AWS B2.1-1-002-2020)

Stakeholders: Manufacturers, welders, engineers, CWIs

Project Need: Need for pretested welding procedures that satisfy the technical requirements for the commonly used construction codes and specifications.

Scope: This standard contains the essential welding variables for carbon steel plate and pipe in the thickness range of 3/16 inch [5 mm] through 7/8 inch [22 mm], using manual gas tungsten arc welding. It cites the base metals and operating conditions necessary to make the weldment, the filler metal specifications, and the allowable joint designs for fillet and groove welds. This SWPS was developed primarily for plate and structural applications.

AWS (American Welding Society)

8669 NW 36th Street, Suite 130 | Miami, FL 33166-6672 www.aws.org

Contact: Jennifer Rosario; jrosario@aws.org

Revision

BSR/AWS B2.1-1-016-202x, Standard Welding Procedure Specification (SWPS) for Shielded Metal Arc Welding of Carbon Steel (M-1/P-1, Group 1 or 2) 1/8 inch [3 mm] through 1-1/2 inch [38 mm] Thick, E7018, in the As-Welded or PWHT Condition, Primarily Plate and Structural Applications (revision of ANSI/AWS B2.1-1-016-2018)

Stakeholders: Manufacturers, welders, engineers, CWIs

Project Need: Need for pretested welding procedures that satisfy the technical requirements for the commonly used construction codes and specifications.

Scope: This standard contains the essential welding variables for carbon steel in the thickness range of 1/8 inch [3 mm] through 1-1/2 inch [38 mm], using manual shielded metal arc welding. It cites the base metals and operating conditions necessary to make the weldment, the filler metal specifications, and the allowable joint designs for fillet and groove welds. This SWPS was developed primarily for plate and structural applications.

AWS (American Welding Society)

8669 NW 36th Street, Suite 130 | Miami, FL 33166-6672 www.aws.org

Contact: Jennifer Rosario; jrosario@aws.org

Revision

BSR/AWS B2.1-1-017-202x, Standard Welding Procedure Specification (SWPS) for Shielded Metal Arc Welding of Carbon Steel (M-1/P-1, Group 1 or 2) 1/8 inch [3 mm] through 1-1/2 inch [38 mm] Thick, E6010, in the As-Welded or PWHT Condition, Primarily Plate and Structural Applications (revision of ANSI/AWS B2.1-1-017-2018)

Stakeholders: Manufacturers, welders, engineers, CWIs

Project Need: Need for pretested welding procedures that satisfy the technical requirements for the commonly used construction codes and specifications.

Scope: This standard contains the essential welding variables for carbon steel in the thickness range of 1/8 inch [3 mm] through 1-1/2 inch [38 mm], using manual shielded metal arc welding. It cites the base metals and operating conditions necessary to make the weldment, the filler metal specifications, and the allowable joint designs for fillet and groove welds. This SWPS was developed primarily for plate and structural applications.

AWS (American Welding Society)

8669 NW 36th Street, Suite 130 | Miami, FL 33166-6672 www.aws.org

Contact: Jennifer Rosario; jrosario@aws.org

Revision

BSR/AWS B2.1-1-019-202x, Standard Welding Procedure Specification (SWPS) for CO₂ Shielded Flux-Cored Arc Welding of Carbon Steel (M-1/P-1, Group 1 or 2), 1/8 inch [3 mm] through 1-1/2 inch [38 mm] Thick, E70T-1C and E71T-1C, in the As-Welded Condition, Primarily Plate and Structural Applications (revision of ANSI/AWS B2.1-1-019-2018)

Stakeholders: Manufacturers, welders, engineers, CWIs

Project Need: Need for pretested welding procedures that satisfy the technical requirements for the commonly used construction codes and specifications.

Scope: This standard contains the essential welding variables for carbon steel in the thickness range of 1/8 inch [3 mm] through 1-1/2 inch [38 mm], using semiautomatic CO₂ shielded flux-cored arc welding. It cites the base metals and operating conditions necessary to make the weldment, the filler metal specifications, and the allowable joint designs for fillet and groove welds. This SWPS was developed primarily for plate and structural applications.

AWS (American Welding Society)

8669 NW 36th Street, Suite 130 | Miami, FL 33166-6672 www.aws.org

Contact: Jennifer Rosario; jrosario@aws.org

Revision

BSR/AWS B2.1-1-020-202x, Standard Welding Procedure Specification (SWPS) for 75% Ar/25% CO₂ Shielded Flux-Cored Arc Welding of Carbon Steel (M-1/P-1, Group 1 or 2), 1/8 inch [3 mm] through 1-1/2 inch [38 mm] Thick, E70T-1M and E71T-1M, in the As-Welded or PWHT Condition, Primarily Plate and Structural Applications (revision of ANSI/AWS B2.1-1-020-2018)

Stakeholders: Manufacturers, welders, engineers, CWIs

Project Need: Need for pretested welding procedures that satisfy the technical requirements for the commonly used construction codes and specifications.

Scope: This standard contains the essential welding variables for carbon steel in the thickness range of 1/8 inch [3 mm] through 1-1/2 inch [38 mm], using semiautomatic Ar/CO₂ shielded flux-cored arc welding. It cites the base metals and operating conditions necessary to make the weldment, the filler metal specifications, and the allowable joint designs for fillet and groove welds. This SWPS was developed primarily for plate and structural applications.

AWS (American Welding Society)

8669 NW 36th Street, Suite 130 | Miami, FL 33166-6672 www.aws.org

Contact: Jennifer Rosario; jrosario@aws.org

Revision

BSR/AWS B2.1-1-021-202x, Standard Welding Procedure Specification (SWPS) for Gas Tungsten Arc Welding Followed by Shielded Metal Arc Welding of Carbon Steel (M-1/P-1, Group 1 or 2) 1/8 inch [3 mm] through 1-1/2 inch [38 mm] Thick, ER70S-2 and E7018, in the As-Welded or PWHT Condition, Primarily Plate and Structural Applications (revision of ANSI/AWS B2.1-1-021-2018)

Stakeholders: Manufacturers, welders, engineers, CWIs

Project Need: Need for pretested welding procedures that satisfy the technical requirements for the commonly used construction codes and specifications.

Scope: This standard contains the essential welding variables for carbon steel in the thickness range of 1/8 inch [3 mm] through 1-1/2 inch [38 mm], using manual gas tungsten arc welding followed by shielded metal arc welding. It cites the base metals and operating conditions necessary to make the weldment, the filler metal specifications, and the allowable joint designs for fillet and groove welds. This SWPS was developed primarily for plate and structural applications.

AWS (American Welding Society)

8669 NW 36th Street, Suite 130 | Miami, FL 33166-6672 www.aws.org

Contact: Jennifer Rosario; jrosario@aws.org

Revision

BSR/AWS B2.1-1-022-202x, Standard Welding Procedure Specification (SWPS) for Shielded Metal Arc Welding of Carbon Steel (M-1/P-1, Group 1 or 2) 1/8 inch [3 mm] through 1-1/2 inch [38 mm] Thick, E6010 (Vertical Uphill) Followed by E7018, in the As-Welded or PWHT Condition, Primarily Plate and Structural Applications (revision of ANSI/AWS B2.1-1-022-2018)

Stakeholders: Manufacturers, welders, engineers, CWIs

Project Need: Need for pretested welding procedures that satisfy the technical requirements for the commonly used construction codes and specifications.

Scope: This standard contains the essential welding variables for carbon steel in the thickness range of 1/8 inch [3 mm] through 1-1/2 inch [38 mm], using manual shielded metal arc welding. It cites the base metals and operating conditions necessary to make the weldment, the filler metal specifications, and the allowable joint designs for fillet and groove welds. This SWPS was developed primarily for plate and structural applications.

AWS (American Welding Society)

8669 NW 36th Street, Suite 130 | Miami, FL 33166-6672 www.aws.org

Contact: Jennifer Rosario; jrosario@aws.org

Revision

BSR/AWS B2.1-1-026-202x, Standard Welding Procedure Specification (SWPS) for Shielded Metal Arc Welding of Carbon Steel (M-1/P-1, Group 1 or 2) 1/8 inch [3 mm] through 1-1/2 inch [38 mm] Thick, E6010 (Vertical Downhill) Followed by E7018, in the As-Welded or PWHT Condition, Primarily Plate and Structural Applications (revision of ANSI/AWS B2.1-1-026-2018)

Stakeholders: Manufacturers, welders, engineers, CWIs

Project Need: Need for pretested welding procedures that satisfy the technical requirements for the commonly used construction codes and specifications.

Scope: This standard contains the essential welding variables for carbon steel in the thickness range of 1/8 inch [3 mm] through 1-1/2 inch [38 mm], using manual shielded metal arc welding. It cites the base metals and operating conditions necessary to make the weldment, the filler metal specifications, and the allowable joint designs for fillet and groove welds. This SWPS was developed primarily for plate and structural applications.

AWS (American Welding Society)

8669 NW 36th Street, Suite 130 | Miami, FL 33166-6672 www.aws.org

Contact: Jennifer Rosario; jrosario@aws.org

Revision

BSR/AWS B2.1-1-027-202x, Standard Welding Procedure Specification (SWPS) for Self-Shielded Flux-Cored Arc Welding of Carbon Steel (M-1 or P-1, Groups 1 and 2), 1/8 inch [3 mm] through 1/2 inch [13 mm] Thick, E71T-11, in the As-Welded Condition, Primarily Plate and Structural Applications (revision of ANSI/AWS B2.1-1-027-2018)

Stakeholders: Manufacturers, welders, engineers, CWIs

Project Need: Need for pretested welding procedures that satisfy the technical requirements for the commonly used construction codes and specifications.

Scope: This standard contains the essential welding variables for carbon steel in the thickness range of 1/8 inch [3 mm] through 1/2 inch [13 mm], using self-shielded flux-cored arc welding. It cites the base metals and operating conditions necessary to make the weldment, the filler metal specifications, and the allowable joint designs for groove and fillet welds. This SWPS was developed primarily for plate and structural applications.

AWS (American Welding Society)

8669 NW 36th Street, Suite 130 | Miami, FL 33166-6672 www.aws.org

Contact: Jennifer Rosario; jrosario@aws.org

Revision

BSR/AWS B2.1-1-201-202x, Standard Welding Procedure Specification (SWPS) for Shielded Metal Arc Welding of Carbon Steel (M-1/P-1, Group 1 or 2), 1/8 inch [3 mm] through 3/4 inch [19 mm] Thick, E6010 (Vertical Uphill) Followed by E7018 (Vertical Uphill), in the As-Welded Condition, Primarily Pipe Applications (revision of ANSI/AWS B2.1-1-201-2019)

Stakeholders: Manufacturers, welders, engineers, CWIs

Project Need: Need for pretested welding procedures that satisfy the technical requirements for the commonly used construction codes and specifications.

Scope: This standard contains the essential welding variables for carbon steel in the thickness range of 1/8 inch [3 mm] through 3/4 inch [19 mm], using manual shielded metal arc welding with E6010 (vertical uphill) followed by E7018 (vertical uphill). It cites the base metals and operating conditions necessary to make the weldment, the filler metal specifications, and the allowable joint designs for fillet and groove welds. This SWPS was developed primarily for pipe applications.

AWS (American Welding Society)

8669 NW 36th Street, Suite 130 | Miami, FL 33166-6672 www.aws.org

Contact: Jennifer Rosario; jrosario@aws.org

Revision

BSR/AWS B2.1-1-202-202x, Standard Welding Procedure Specification (SWPS) for Shielded Metal Arc Welding of Carbon Steel (M-1/P-1, Group 1 or 2), 1/8 inch [3 mm] through 3/4 inch [19 mm] Thick, E6010 (Vertical Downhill) Followed by E7018 (Vertical Uphill), in the As-Welded Condition, Primarily Pipe Applications (revision of ANSI/AWS B2.1-1-202-2019)

Stakeholders: Manufacturers, welders, engineers, CWIs

Project Need: Need for pretested welding procedures that satisfy the technical requirements for the commonly used construction codes and specifications.

Scope: This standard contains the essential welding variables for carbon steel in the thickness range of 1/8 inch [3 mm] through 3/4 inch [19 mm], using manual shielded metal arc welding with E6010 (vertical downhill) followed by E7018 (vertical uphill). It cites the base metals and operating conditions necessary to make the weldment, the filler metal specifications, and the allowable joint designs for fillet and groove welds. This SWPS was developed primarily for pipe applications.

AWS (American Welding Society)

8669 NW 36th Street, Suite 130 | Miami, FL 33166-6672 www.aws.org

Contact: Jennifer Rosario; jrosario@aws.org

Revision

BSR/AWS B2.1-1-203-202x, Standard Welding Procedure Specification (SWPS) for Shielded Metal Arc Welding of Carbon Steel (M-1/P-1, Group 1 or 2), 1/8 inch [3 mm] through 3/4 inch [19 mm] Thick, E6010 (Vertical Uphill), in the As-Welded Condition, Primarily Pipe Applications (revision of ANSI/AWS B2.1-1-203-2019)

Stakeholders: Manufacturers, welders, engineers, CWIs

Project Need: Need for pretested welding procedures that satisfy the technical requirements for the commonly used construction codes and specifications.

Scope: This standard contains the essential welding variables for carbon steel in the thickness range of 1/8 inch [3 mm] through 3/4 inch [19 mm], using manual shielded metal arc welding with E6010 (vertical uphill). It cites the base metals and operating conditions necessary to make the weldment, the filler metal specifications, and the allowable joint designs for fillet and groove welds. This SWPS was developed primarily for pipe applications.

AWS (American Welding Society)

8669 NW 36th Street, Suite 130 | Miami, FL 33166-6672 www.aws.org

Contact: Jennifer Rosario; jrosario@aws.org

Revision

BSR/AWS B2.1-1-204-202x, Standard Welding Procedure Specification (SWPS) for Shielded Metal Arc Welding of Carbon Steel (M-1/P-1, Group 1 or 2), 1/8 inch [3 mm] through 3/4 inch [19 mm] Thick, E6010 (Vertical Downhill Root with the Balance Vertical Uphill), in the As-Welded Condition, Primarily Pipe Applications (revision of ANSI/AWS B2.1-1-204-2019)

Stakeholders: Manufacturers, welders, engineers, CWIs

Project Need: Need for pretested welding procedures that satisfy the technical requirements for the commonly used construction codes and specifications.

Scope: This standard contains the essential welding variables for carbon steel in the thickness range of 1/8 inch [3 mm] through 3/4 inch [19 mm], using manual shielded metal arc welding with E6010 (vertical downhill root with the balance vertical uphill). It cites the base metals and operating conditions necessary to make the weldment, the filler metal specifications, and the allowable joint designs for fillet and groove welds. This SWPS was developed primarily for pipe applications.

AWS (American Welding Society)

8669 NW 36th Street, Suite 130 | Miami, FL 33166-6672 www.aws.org

Contact: Jennifer Rosario; jrosario@aws.org

Revision

BSR/AWS B2.1-1-205-202x, Standard Welding Procedure Specification (SWPS) for Shielded Metal Arc Welding of Carbon Steel (M-1/P-1, Group 1 or 2), 1/8 inch [3 mm] through 1-1/2 inch [38 mm] Thick, E6010 (Vertical Uphill) Followed by E7018 (Vertical Uphill), in the As-Welded or PWHT Condition, Primarily Pipe Applications (revision of ANSI/AWS B2.1-1-205-2019)

Stakeholders: Manufacturers, welders, engineers, CWIs

Project Need: Need for pretested welding procedures that satisfy the technical requirements for the commonly used construction codes and specifications.

Scope: This standard contains the essential welding variables for carbon steel in the thickness range of 1/8 inch [3 mm] through 1-1/2 inch [38 mm], using manual shielded metal arc welding with E6010 (vertical uphill) followed by E7018 (vertical uphill). It cites the base metals and operating conditions necessary to make the weldment, the filler metal specifications, and the allowable joint designs for fillet and groove welds. This SWPS was developed primarily for pipe applications.

AWS (American Welding Society)

8669 NW 36th Street, Suite 130 | Miami, FL 33166-6672 www.aws.org

Contact: Jennifer Rosario; jrosario@aws.org

Revision

BSR/AWS B2.1-1-206-202x, Standard Welding Procedure Specification (SWPS) for Shielded Metal Arc Welding of Carbon Steel (M-1/P-1, Group 1 or 2), 1/8 inch [3 mm] through 1-1/2 inch [38 mm] Thick, E6010 (Vertical Downhill) Followed by E7018 (Vertical Uphill), in the As-Welded or PWHT Condition, Primarily Pipe Applications (revision of ANSI/AWS B2.1-1-206-2019)

Stakeholders: Manufacturers, welders, engineers, CWIs

Project Need: Need for pretested welding procedures that satisfy the technical requirements for the commonly used construction codes and specifications.

Scope: This standard contains the essential welding variables for carbon steel in the thickness range of 1/8 inch [3 mm] through 1-1/2 inch [38 mm], using manual shielded metal arc welding with E6010 (vertical downhill) followed by E7018 (vertical uphill). It cites the base metals and operating conditions necessary to make the weldment, the filler metal specifications, and the allowable joint designs for fillet and groove welds. This SWPS was developed primarily for pipe applications.

AWS (American Welding Society)

8669 NW 36th Street, Suite 130 | Miami, FL 33166-6672 www.aws.org

Contact: Jennifer Rosario; jrosario@aws.org

Revision

BSR/AWS B2.1-1-207-202x, Standard Welding Procedure Specification (SWPS) for Gas Tungsten Arc Welding of Carbon Steel (M-1/P-1, Group 1 or 2), 1/8 inch [3 mm] through 1-1/2 inch [38 mm] Thick, ER70S-2, in the As-Welded or PWHT Condition, Primarily Pipe Applications (revision of ANSI/AWS B2.1-1-207-2019)

Stakeholders: Manufacturers, welders, engineers, CWIs

Project Need: Need for pretested welding procedures that satisfy the technical requirements for the commonly used construction codes and specifications.

Scope: This standard contains the essential welding variables for carbon steel in the thickness range of 1/8 inch [3 mm] through 1-1/2 inch [38 mm], using manual gas tungsten arc welding. It cites the base metals and operating conditions necessary to make the weldment, the filler metal specifications, and the allowable joint designs for fillet and groove welds. This SWPS was developed primarily for pipe applications.

AWS (American Welding Society)

8669 NW 36th Street, Suite 130 | Miami, FL 33166-6672 www.aws.org

Contact: Jennifer Rosario; jrosario@aws.org

Revision

BSR/AWS B2.1-1-208-202x, Standard Welding Procedure Specification (SWPS) for Shielded Metal Arc Welding of Carbon Steel (M-1/P-1, Group 1 or 2), 1/8 inch [3 mm] through 1-1/2 inch [38 mm] Thick, E7018, in the As-Welded or PWHT Condition, Primarily Pipe Applications (revision of ANSI/AWS B2.1-1-208-2019)

Stakeholders: Manufacturers, welders, engineers, CWIs

Project Need: Need for pretested welding procedures that satisfy the technical requirements for the commonly used construction codes and specifications.

Scope: This standard contains the essential welding variables for carbon steel in the thickness range of 1/8 inch [3 mm] through 1-1/2 inch [38 mm], using shielded metal arc welding. It cites the base metals and operating conditions necessary to make the weldment, the filler metal specifications, and the allowable joint designs for fillet and groove welds. This SWPS was developed primarily for pipe applications.

AWS (American Welding Society)

8669 NW 36th Street, Suite 130 | Miami, FL 33166-6672 www.aws.org

Contact: Jennifer Rosario; jrosario@aws.org

Revision

BSR/AWS B2.1-1-209-202x, Standard Welding Procedure Specification (SWPS) for Gas Tungsten Arc Welding Followed by Shielded Metal Arc Welding of Carbon Steel (M-1/P-1, Group 1 or 2), 1/8 inch [3 mm] through 1-1/2 inch [38 mm] Thick, ER70S-2 and E7018, in the As-Welded or PWHT Condition, Primarily Pipe Applications (revision of ANSI/AWS B2.1-1-209-2019)

Stakeholders: Manufacturers, welders, engineers, CWIs

Project Need: Need for pretested welding procedures that satisfy the technical requirements for the commonly used construction codes and specifications.

Scope: This standard contains the essential welding variables for carbon steel in the thickness range of 1/8 inch [3 mm] through 1-1/2 inch [38 mm], using manual gas tungsten arc welding followed by shielded metal arc welding. It cites the base metals and operating conditions necessary to make the weldment, the filler metal specifications, and the allowable joint designs for fillet and groove welds. This SWPS was developed primarily for pipe applications.

AWS (American Welding Society)

8669 NW 36th Street, Suite 130 | Miami, FL 33166-6672 www.aws.org

Contact: Jennifer Rosario; jrosario@aws.org

Revision

BSR/AWS B2.1-1-232-202x, Standard Welding Procedure Specification (SWPS) for 75% Argon Plus 25% Carbon Dioxide Shielded Gas Metal Arc Welding (Short Circuiting Transfer Mode) followed by 75% Argon Plus 25% Carbon Dioxide Shielded Flux-Cored Arc Welding of Carbon Steel (M-1/P-1, Group 1 or 2), 1/8 inch [3 mm] through 1-1/2 inch [38 mm] Thick, ER70S-3 and E71T-X, in the As-Welded or PWHT Condition, Primarily Pipe Applications (revision of ANSI/AWS B2.1-1-232-2019)

Stakeholders: Manufacturers, welders, engineers, CWIs

Project Need: Need for pretested welding procedures that satisfy the technical requirements for the commonly used construction codes and specifications.

Scope: This standard contains the essential welding variables for carbon steel in the thickness range of 1/8 inch [3 mm] through 1-1/2 inch [38 mm], using gas metal arc welding (short-circuiting transfer mode) with 75% argon plus 25% carbon-dioxide shielding for the root followed by flux-cored arc welding with 75% argon plus 25% carbon dioxide shielding for the balance. It cites the base metals and operating conditions necessary to make the weldment, the filler metal specifications, and the allowable joint designs for groove welds. This SWPS was developed primarily for pipe application.

AWS (American Welding Society)

8669 NW 36th Street, Suite 130 | Miami, FL 33166-6672 www.aws.org

Contact: Jennifer Rosario; jrosario@aws.org

Revision

BSR/AWS B2.1-1-233-202x, Standard Welding Procedure Specification (SWPS) for 75% Argon Plus 25% Carbon Dioxide Shielded Gas Metal Arc Welding (Short Circuiting Transfer Mode) followed by 98% Argon Plus 2% Oxygen Shielded Gas Metal Arc Welding (Spray Transfer Mode) of Carbon Steel (M-1/P-1, Group 1 or 2), 1/8 inch [3 mm] through 1-1/2 inch [38 mm] Thick, ER70S-3, in the As-Welded or PWHT Condition, Primarily Pipe Applications (revision of ANSI/AWS B2.1-1-233-2019)

Stakeholders: Manufacturers, welders, engineers, CWIs

Project Need: Need for pretested welding procedures that satisfy the technical requirements for the commonly used construction codes and specifications.

Scope: This standard contains the essential welding variables for carbon steel in the thickness range of 1/8 inch [3 mm] through 1-1/2 inch [38 mm], using 75% argon plus 25% carbon-dioxide-shielded gas metal arc welding (short circuiting transfer mode) for the root followed by 98% argon plus 2% oxygen shielded gas metal arc welding (spray transfer mode) for the balance. It cites the base metals and operating conditions necessary to make the weldment, the filler metal specifications, and the allowable joint designs for groove welds. This SWPS was developed primarily for pipe applications.

AWS (American Welding Society)

8669 NW 36th Street, Suite 130 | Miami, FL 33166-6672 www.aws.org

Contact: Jennifer Rosario; jrosario@aws.org

Revision

BSR/AWS B2.1-8-023-202x, Standard Welding Procedure Specification (SWPS) for Shielded Metal Arc Welding of Austenitic Stainless Steel (M-8/P-8 Group 1) 1/8 inch [3 mm] through 1-1/2 inch [38 mm] Thick, in the As-Welded Condition, Primarily Plate and Structural Applications (revision of ANSI/AWS B2.1-8-023-2018)

Stakeholders: Manufacturers, welders, engineers, CWIs

Project Need: Need for pretested welding procedures that satisfy the technical requirements for the commonly used construction codes and specifications.

Scope: This standard contains the essential welding variables for austenitic stainless steel in the thickness range of 1/8 inch [3 mm] through 1-1/2 inch [38 mm], using manual shielded metal arc welding. It cites the base metals and operating conditions necessary to make the weldment, the filler metal specifications, and the allowable joint designs for fillet and groove welds. This SWPS was developed primarily for plate and structural applications.

AWS (American Welding Society)

8669 NW 36th Street, Suite 130 | Miami, FL 33166-6672 www.aws.org

Contact: Jennifer Rosario; jrosario@aws.org

Revision

BSR/AWS B2.2/B2.2M-202x, Specification for Brazing Procedure and Performance Qualification (revision of ANSI/AWS B2.2/B2.2M-2016)

Stakeholders: Manufactures, brazers, brazing operators

Project Need: There is a need in the brazing industry for a specification that outlines the requirements for the qualification of brazing procedure specifications, brazers, and brazing operators for manual, mechanized, and automatic brazing. It ensures a sound braze for various applications.

Scope: This specification provides the requirements for qualification of brazing procedure specifications, brazers, and brazing operators for manual, mechanized, and automatic brazing. The brazing processes included are torch brazing, furnace brazing, diffusion brazing, resistance brazing, dip brazing, infrared brazing, and induction brazing. Base metals, brazing filler metals, brazing fluxes, brazing atmospheres, and brazing joint clearances are also included.

AWS (American Welding Society)

8669 NW 36th Street, Suite 130 | Miami, FL 33166-6672 www.aws.org

Contact: Jennifer Rosario; jrosario@aws.org

Revision

BSR/AWS B2.3/B2.3M-202x, Specification for Soldering Procedure and Performance Qualification (revision of ANSI/AWS B2.3/B2.3M-2018)

Stakeholders: Manufacturers, solderers, and soldering operators

Project Need: There is a need in the soldering industry for a specification that outlines the requirements for the qualification of soldering procedure specifications, solderers, and soldering operators for manual, mechanized, and automatic soldering. It ensures for sound soldering of various applications.

Scope: This specification provides the requirements for qualification of soldering procedure specifications, solderers, and soldering operators for manual, mechanized, and automatic soldering. The soldering processes included are torch soldering, furnace soldering, induction soldering, resistance soldering, dip soldering, iron soldering, and infrared soldering. Base metals, soldering filler metals, soldering fluxes, soldering atmospheres, and soldering joint clearances are also included.

AWS (American Welding Society)

8669 NW 36th Street, Suite 130 | Miami, FL 33166-6672 www.aws.org

Contact: Jennifer Rosario; jrosario@aws.org

Revision

BSR/AWS C2.20/C2.20M-202x, Specification for Thermal Spraying Zinc Anodes on Steel Reinforced Concrete (revision of ANSI/AWS C2.20/C2.20M-2016)

Stakeholders: Thermal spray contractors, shops, and operators.

Project Need: Need for guidance on the application of zinc thermal spray coatings.

Scope: This AWS standard is a specification for thermal spraying zinc anodes on steel reinforced concrete. This standard is formatted as an industrial process instruction. The scope includes: job description, safety, pass/fail job reference standards, feedstock materials, equipment, a step-by-step process instruction for surface preparation, thermal spraying, and quality control. There are five annexes, including job control record and portable adhesion testing.

AWS (American Welding Society)

8669 NW 36th Street, Suite 130 | Miami, FL 33166-6672 www.aws.org

Contact: Jennifer Rosario; jrosario@aws.org

Reaffirmation

BSR/AWS C2.21M/C2.21-2015 (R202x), Specification for Thermal Spray Equipment Performance Verification (reaffirmation of ANSI/AWS C2.21M/C2.21-2015)

Stakeholders: Thermal spray companies and inspectors.

Project Need: Need for guidance on verifying the performance of thermal spray equipment and systems to ensure they are capable of producing desired coatings.

Scope: This standard specifies the essential elements of a procedure for verifying the performance of thermal spray equipment to ensure it is capable of operating according to the manufacturer's specifications or those established by the User.

AWS (American Welding Society)

8669 NW 36th Street, Suite 130 | Miami, FL 33166-6672 www.aws.org

Contact: Jennifer Rosario; jrosario@aws.org

Revision

BSR/AWS C2.25/C2.25M-202x, Specification for Thermal Spray Feedstock - Wire and Rods (revision of ANSI/AWS C2.25/C2.25M-2012 (R2018))

Stakeholders: Thermal spray community

Project Need: Assist the thermal spray community in outlining requirements for the classification of thermal spray feedstock based on the chemical composition.

Scope: This specification provides the as-manufactured chemical composition classification requirements for solid and composite wires and ceramic rods for thermal spraying. Requirements for standard sizes, marking, manufacturing, and packaging are included.

AWS (American Welding Society)

8669 NW 36th Street, Suite 130 | Miami, FL 33166-6672 www.aws.org

Contact: Jennifer Rosario; jrosario@aws.org

New Standard

BSR/AWS C2.28M/C2.28-202x, Guide to Thermal Spray Equipment Selection (new standard)

Stakeholders: Anyone interested in specifying, purchasing, or using thermal spray equipment.

Project Need: There is a need in the thermal spray industry for practical how-to guidance for selecting thermal spray and ancillary equipment.

Scope: This standard provides guidance on the selection, configuration and operation of common thermal spray equipment. The document addresses equipment for workpiece preparation, post-coat finishing, and quality evaluation.

AWS (American Welding Society)

8669 NW 36th Street, Suite 130 | Miami, FL 33166-6672 www.aws.org

Contact: Jennifer Rosario; jrosario@aws.org

Revision

BSR/AWS C4.2/C4.2M-202x, Recommended Practices for Oxyfuel Gas Cutting Torch Operation (revision of ANSI/AWS C4.2/C4.2M-2017)

Stakeholders: Oxyfuel gas cutters, operators, fabricators, equipment manufacturers, and management personnel associated with the oxyfuel cutting process.

Project Need: There is a need in the industry for guidance on oxyfuel gas cutting safely and correctly.

Scope: These recommended practices for oxyfuel gas cutting include the latest procedures to be used in conjunction with oxyfuel gas cutting equipment and the latest safety recommendations. Complete lists of equipment are available from individual manufacturers.

AWS (American Welding Society)

8669 NW 36th Street, Suite 130 | Miami, FL 33166-6672 www.aws.org

Contact: Jennifer Rosario; jrosario@aws.org

Revision

BSR/AWS C4.3/C4.3M-202x, Recommended Practices for Oxyfuel Gas Heating Torch Operation (revision of ANSI/AWS C4.3/C4.3M-2018)

Stakeholders: Operators, fabricators, equipment manufacturers, and management personnel

Project Need: There is a need in the industry for guidance on the safe operation of oxyfuel gas heating equipment.

Scope: The newly revised manual for oxyfuel gas heating torch operation includes the latest procedures to be used in conjunction with oxyfuel gas heating equipment. The manual also includes the latest safety requirements. Complete lists of equipment are available from individual manufacturers.

AWS (American Welding Society)

8669 NW 36th Street, Suite 130 | Miami, FL 33166-6672 www.aws.org

Contact: Jennifer Rosario; jrosario@aws.org

Revision

BSR/AWS C4.7/C4.7M-202x, Recommended Practices for Oxyacetylene Welding of Steel (revision of ANSI/AWS C4.7/C4.7M-2020)

Stakeholders: Welders, Welding Instructors, Manufacturers, Educational Institutions

Project Need: Need for a standard that describes the equipment, applications, and safe practices for oxyacetylene gas welding operations which can be also be used as a teaching/training tool by a welder and/or instructor.

Scope: These recommended practices for oxyacetylene welding include the latest procedures to be used in conjunction with oxyacetylene equipment and the latest safety recommendations. Complete lists of equipment are available from individual manufacturers.

AWS (American Welding Society)

8669 NW 36th Street, Suite 130 | Miami, FL 33166-6672 www.aws.org

Contact: Jennifer Rosario; jrosario@aws.org

New Standard

BSR/AWS C4.8/C4.8M-202x, Specification for the Qualification of Operators of Oxyfuel Gas Cutting and Heating Apparatus (new standard)

Stakeholders: Agencies, contractors, manufacturers, or training schools in the welding industry.

Project Need: There is a need in the welding industry to not only upgrade the capabilities of apparatus operators, but to have a basic qualifying specification so that any agency, contractor, manufacturer, or training school could test and affirm those capabilities

Scope: This specification provides a basis for a qualifying institution to teach and test the apparatus operators' capabilities and their body of knowledge of the cutting and heating process.

AWS (American Welding Society)

8669 NW 36th Street, Suite 130 | Miami, FL 33166-6672 www.aws.org

Contact: Jennifer Rosario; jrosario@aws.org

Revision

BSR/AWS D15.1/D15.1M-202x, Railroad Welding Specification for Cars and Locomotives (revision and redesignation of ANSI/AWS D15.1/D15.1M-2021-AMD1)

Stakeholders: Welders, engineers, CWIs, railroad industry, and government

Project Need: To provide a single comprehensive document of welding data for the railroad industry.

Scope: This specification establishes minimum welding standards for the manufacture and maintenance of railcars, locomotives, and their components, intended for North American railroad service. Clauses 4 through 17 cover the general requirements for welding in the railroad industry. Clauses 18 through 23 cover specific requirements for the welding of base metals thinner than 1/8 in [3 mm].

AWS (American Welding Society)

8669 NW 36th Street, Suite 130 | Miami, FL 33166-6672 www.aws.org

Contact: Jennifer Rosario; jrosario@aws.org

Revision

BSR/AWS D16.1M/D16.1-202x, Specification for Robotic Arc Welding Safety (revision of ANSI/AWS D16.1M/D16.1-2018)

Stakeholders: Robotic welding industry, including but not limited to manufacturers, operators, and inspectors.

Project Need: There is a need in robotic welding for guidelines on the safe use of arc welding robots.

Scope: This standard establishes safety requirements with respect to the design, manufacture, maintenance, and operation of arc welding robot systems and ancillary equipment. It also helps to identify and minimize hazards involved in maintaining, operating, integrating, and setting up of arc welding robot systems.

AWS (American Welding Society)

8669 NW 36th Street, Suite 130 | Miami, FL 33166-6672 www.aws.org

Contact: Jennifer Rosario; jrosario@aws.org

Revision

BSR/AWS D16.2M/D16.2-202x, Guide for Components of Robotic and Automatic Arc Welding Installations (revision of ANSI/AWS D16.2M/D16.2-2021)

Stakeholders: Robotic welding industry, including but not limited to manufacturers, operators, and inspectors.

Project Need: There is a need for guidance on evaluating components of robotic and automatic welding installations.

Scope: AWS D16.2M/D16.2, Guide for Components of Robotic and Automatic Arc Welding Installations, provides performance recommendations for evaluating components of a typical robotic or automatic welding installation. Emphasis is placed on the role of the welding equipment interface. A pin arrangement and specific pin function for each location in a standardized 37-pin connector are proposed.

AWS (American Welding Society)

8669 NW 36th Street, Suite 130 | Miami, FL 33166-6672 www.aws.org

Contact: Jennifer Rosario; jrosario@aws.org

Revision

BSR/AWS D16.3M/D16.3-202x, Risk Assessment Guide for Robotic Arc Welding (revision of ANSI/AWS D16.3M/D16.3-2017)

Stakeholders: Robotic welding industry, including but not limited to manufacturers, operators, and inspectors.

Project Need: There is a need for guidance on the safe implementation of robotic arc welding.

Scope: AWS D16.3M/D16.3, Risk Assessment Guide for Robotic Arc Welding, provides recommendations and guidelines for the safe implementation of robotic arc welding. Emphasis is placed on conformance of this process with prevailing industry standards for hazard analysis and proper safeguarding.

AWS (American Welding Society)

8669 NW 36th Street, Suite 130 | Miami, FL 33166-6672 www.aws.org

Contact: Jennifer Rosario; jrosario@aws.org

Revision

BSR/AWS D16.4M/D16.4-202x, Specification for the Qualification of Robotic Arc Welding Personnel (revision of ANSI/AWS D16.4M/D16.4-2014)

Stakeholders: Robotic welding industry, including but not limited to manufacturers, operators, testing centers, and inspectors.

Project Need: There is a need for guidelines for the qualification of arc welding personnel.

Scope: This specification provides requirements for the qualification of robotic arc welding personnel at three different classifications - Operator (O), Technician (T), and Engineer (E).

AWS (American Welding Society)

8669 NW 36th Street, Suite 130 | Miami, FL 33166-6672 www.aws.org

Contact: Jennifer Rosario; jrosario@aws.org

Revision

BSR/AWS D16.5M/D16.5-202x, Training Guide for Robotic Arc Welding Personnel (revision of ANSI/AWS D16.5M/D16.5-2021)

Stakeholders: Robotic welding industry, including but not limited to manufacturers, operators, robot arc welding personnel, testing centers, and inspectors.

Project Need: There is a need for guidance on how to train personnel in the safe and effective use of industrial welding robots and welding robot systems.

Scope: This training guide provides technical information necessary to train personnel in the safe and effective use of industrial welding robots and welding robot systems. This guide includes a summary of the requisite education resources required for training and the emphasis will be placed on training individuals need in accordance with the principles of the AWS D16.4M/D16.4 Certified Robot Arc Welder (CRAW) program. The training guide is designed for use by all robot arc welding personnel and it is not intended to be used exclusively in support of the CRAW program.

AWS (American Welding Society)

8669 NW 36th Street, Suite 130 | Miami, FL 33166-6672 www.aws.org

Contact: Jennifer Rosario; jrosario@aws.org

Revision

BSR/AWS D16.6M/D16.6-202x, Specification for Robot Arc Welding Training and Testing Cell (revision of ANSI/AWS D16.6M/D16.6-2018)

Stakeholders: Robotic arc welding operators and technicians.

Project Need: There is a need for guidance on the design, integration, installation, and use of robotic arc welding systems.

Scope: AWS D16.6M/D16.6, Specification for Robot Arc Welding Training and Testing Cell, applies to the recommended design, integration, installation, and use of robotic arc welding systems used to train and certify operators and technicians under the AWS Certified Robotic Arc Welding (CRAW) program.

AWS (American Welding Society)

8669 NW 36th Street, Suite 130 | Miami, FL 33166-6672 www.aws.org

Contact: Jennifer Rosario; jrosario@aws.org

Revision

BSR/AWS NAVSEA B2.1-1-301-202x, Standard Welding Procedure Specification for Naval Applications (SWPS-N) for Gas Tungsten Arc Welding of Carbon Steel (S-1), 1/8 inch [3 mm] through 1-1/2 inch [38 mm] Thick, MIL-70S-2, in the As-Welded or PWHT Condition, Primarily Plate and Structural Naval Applications (revision of ANSI/AWS NAVSEA B2.1-1-301-2018)

Stakeholders: Manufacturers, welders, engineers, CWIs

Project Need: Need for pretested welding procedures that satisfy the technical requirements for the commonly used construction codes and specifications.

Scope: This standard contains the essential welding variables for carbon steel in the thickness range of 1/8 inch [3 mm] through 1-1/2 inch [38 mm], using manual gas tungsten arc welding. It cites the base metals and operating conditions necessary to make the weldment, the filler metal specifications, and joint designs for groove and fillet welds. This SWPS-N was developed primarily for naval applications that require performance to NAVSEA Technical Publication S9074-AQ-GIB-010/248, Requirements for Welding and Brazing Procedure and Performance Qualification.

AWS (American Welding Society)

8669 NW 36th Street, Suite 130 | Miami, FL 33166-6672 www.aws.org

Contact: Jennifer Rosario; jrosario@aws.org

Revision

BSR/AWS NAVSEA B2.1-1-303-202x, Standard Welding Procedure Specification for Naval Applications (SWPS-N) for Gas Tungsten Arc Welding Followed by Shielded Metal Arc Welding of Carbon Steel (S-1), 1/8 inch [3 mm] through 1-1/2 inch [38 mm] Thick, MIL-70S-2 and MIL-7018-M, in the As-Welded or PWHT Condition, Primarily Plate and Structural Naval Applications (revision of ANSI/AWS NAVSEA B2.1-1-303-2020)

Stakeholders: Manufacturers, welders, engineers, CWIs

Project Need: Need for pretested welding procedures that satisfy the technical requirements for the commonly used construction codes and specifications.

Scope: This standard contains the essential welding variables for carbon steel in the thickness range of 1/8 inch [3 mm] through 1-1/2 inch [38 mm], using manual gas tungsten arc welding followed by shielded metal arc welding. It cites the base metals and operating conditions necessary to make the weldment, the filler metal specifications, and joint designs for groove and fillet welds. This SWPS-N was developed primarily for naval applications that require performance to NAVSEA Technical Publication S9074-AQ-GIB-010/248, Requirements for Welding and Brazing Procedure and Performance Qualification.

AWS (American Welding Society)

8669 NW 36th Street, Suite 130 | Miami, FL 33166-6672 www.aws.org

Contact: Jennifer Rosario; jrosario@aws.org

Revision

BSR/AWS NAVSEA B2.1-1-304-202x, Standard Welding Procedure Specification for Naval Applications (SWPS-N) for Carbon Dioxide Shielded Flux-Cored Arc Welding of Carbon Steel (S-1), 1/8 inch [3 mm] through 1-1/2 inch [38 mm] Thick, MIL-70T-1 and MIL-71T-1, in the As-Welded Condition, Primarily Plate and Structural Naval Applications (revision of ANSI/AWS NAVSEA B2.1-1-304-2017)

Stakeholders: Manufacturers, welders, engineers, CWIs

Project Need: Need for pretested welding procedures that satisfy the technical requirements for the commonly used construction codes and specifications.

Scope: This standard contains the essential welding variables for carbon steel in the thickness range of 1/8 inch [3 mm] through 1-1/2 inch [38 mm], using semiautomatic carbon dioxide shielded flux-cored arc welding. It cites the base metals and operating conditions necessary to make the weldment, the filler metal specifications, and joint designs for groove and fillet welds. This SWPS-N was developed primarily for naval applications that require performance to NAVSEA Technical Publication S9074-AQ-GIB-010/248, Requirements for Welding and Brazing Procedure and Performance Qualification.

AWS (American Welding Society)

8669 NW 36th Street, Suite 130 | Miami, FL 33166-6672 www.aws.org

Contact: Jennifer Rosario; jrosario@aws.org

Revision

BSR/AWS NAVSEA B2.1-1-305-202x, Standard Welding Procedure Specification for Naval Applications (SWPS-N) for 75% Argon Plus 25% Carbon Dioxide Shielded Flux-Cored Arc Welding of Carbon Steel (S-1), 1/8 inch [3 mm] through 1-1/2 inch [38 mm] Thick, MIL-70T-1 and MIL-71T-1, in the As-Welded or PWHT Condition, Primarily Plate and Structural Naval Applications (revision of ANSI/AWS NAVSEA B2.1-1-305-2017)

Stakeholders: Manufacturers, welders, engineers, CWIs

Project Need: Need for pretested welding procedures that satisfy the technical requirements for the commonly used construction codes and specifications.

Scope: This standard contains the essential welding variables for carbon steel in the thickness range of 1/8 inch [3 mm] through 1-1/2 inch [38 mm], using semiautomatic gas shielded flux-cored arc welding. It cites the base metals and operating conditions necessary to make the weldment, the filler metal specifications, and joint designs for groove and fillet welds. This SWPS-N was developed primarily for naval applications that require performance to NAVSEA Technical Publication S9074-AQ-GIB-010/248, Requirements for Welding and Brazing Procedure and Performance Qualification.

AWS (American Welding Society)

8669 NW 36th Street, Suite 130 | Miami, FL 33166-6672 www.aws.org

Contact: Jennifer Rosario; jrosario@aws.org

Revision

BSR/AWS NAVSEA B2.1-1-311-202x, Standard Welding Procedure Specification for Naval Applications (SWPS-N) for Gas Tungsten Arc Welding of Carbon Steel (S-1), 1/8 inch [3 mm] through 1-1/2 inch [38 mm] Thick, MIL-70S-2, in the As-Welded or PWHT Condition, Primarily Pipe for Naval Applications (revision of ANSI/AWS NAVSEA B2.1-1-311-2018)

Stakeholders: Manufacturers, welders, engineers, CWIs

Project Need: Need for pretested welding procedures that satisfy the technical requirements for the commonly used construction codes and specifications.

Scope: This standard contains the essential welding variables for carbon steel in the thickness range of 1/8 inch [3 mm] through 1-1/2 inch [38 mm], using manual gas tungsten arc welding. It cites the base metals and operating conditions necessary to make the weldment, the filler metal specifications, and joint designs for groove and fillet welds. This SWPS-N was developed primarily for naval applications that require performance to NAVSEA Technical Publication S9074-AQ-GIB-010/248, Requirements for Welding and Brazing Procedure and Performance Qualification.

AWS (American Welding Society)

8669 NW 36th Street, Suite 130 | Miami, FL 33166-6672 www.aws.org

Contact: Jennifer Rosario; jrosario@aws.org

Revision

BSR/AWS NAVSEA B2.1-1-313-202x, Standard Welding Procedure Specification for Naval Applications (SWPS-N) for Gas Tungsten Arc Welding Followed by Shielded Metal Arc Welding of Carbon Steel (S-1), 1/8 inch [3 mm] through 1-1/2 inch [38 mm] Thick, MIL-70S-2 and MIL-7018-M, in the As-Welded or PWHT Condition, Primarily Pipe for Naval Applications (revision of ANSI/AWS NAVSEA B2.1-1-313-2020)

Stakeholders: Manufacturers, welders, engineers, CWIs

Project Need: Need for pretested welding procedures that satisfy the technical requirements for the commonly used construction codes and specifications.

Scope: This standard contains the essential welding variables for carbon steel in the thickness range of 1/8 inch [3 mm] through 1-1/2 inch [38 mm], using manual gas tungsten arc welding followed by shielded metal arc welding. It cites the base metals and operating conditions necessary to make the weldment, the filler metal specifications, and joint designs for groove and fillet welds. This SWPS-N was developed primarily for naval applications that require performance to NAVSEA Technical Publication S9074-AQ-GIB-010/248, Requirements for Welding and Brazing Procedure and Performance Qualification.

AWS (American Welding Society)

8669 NW 36th Street, Suite 130 | Miami, FL 33166-6672 www.aws.org

Contact: Jennifer Rosario; jrosario@aws.org

Revision

BSR/AWS NAVSEA B2.1-1-314-202x, Standard Welding Procedure Specification for Naval Applications (SWPS-N) for Gas Tungsten Arc Welding with Consumable Insert Root of Carbon Steel (S-1), 1/8 inch [3 mm] through 1-1/2 inch [38 mm] Thick, MIL-MS-1 and MIL-70S-2, in the As-Welded or PWHT Condition, Primarily Pipe for Naval Applications (revision of ANSI/AWS NAVSEA B2.1-1-314-2018)

Stakeholders: Manufacturers, welders, engineers, CWIs

Project Need: Need for pretested welding procedures that satisfy the technical requirements for the commonly used construction codes and specifications.

Scope: This standard contains the essential welding variables for carbon steel in the thickness range of 1/8 inch [3 mm] through 1-1/2 inch [38 mm], using manual gas tungsten arc welding with consumable insert root. It cites the base metals and operating conditions necessary to make the weldment, the filler metal specifications, and joint designs for full penetration groove welds with consumable inserts. This SWPS-N was developed primarily for naval applications that require performance to NAVSEA Technical Publication S9074-AQ-GIB-010/248, Requirements for Welding and Brazing Procedure and Performance Qualification.

AWS (American Welding Society)

8669 NW 36th Street, Suite 130 | Miami, FL 33166-6672 www.aws.org

Contact: Jennifer Rosario; jrosario@aws.org

Revision

BSR/AWS NAVSEA B2.1-1-315-202x, Standard Welding Procedure Specification for Naval Applications (SWPS-N) for Gas Tungsten Arc Welding with Consumable Insert Root followed by Shielded Metal Arc Welding of Carbon Steel (S-1), 1/8 inch [3 mm] through 1-1/2 inch [38 mm] Thick, MIL-MS-1, MIL-70S-2, and MIL-7018-M in the As-Welded or PWHT Condition, Primarily Pipe for Naval Applications (revision of ANSI/AWS NAVSEA B2.1-1-315-2018)

Stakeholders: Manufacturers, welders, engineers, CWIs

Project Need: Need for pretested welding procedures that satisfy the technical requirements for the commonly used construction codes and specifications.

Scope: This standard contains the essential welding variables for carbon steel in the thickness range of 1/8 inch [3 mm] through 1-1/2 inch [38 mm], using manual gas tungsten arc welding with consumable insert root followed by shielded metal arc welding. It cites the base metals and operating conditions necessary to make the weldment, the filler metal specifications, and joint designs for full penetration groove welds with consumable inserts. This SWPS-N was developed primarily for naval applications that require performance to NAVSEA Technical Publication S9074-AQ-GIB-010/248, Requirements for Welding and Brazing Procedure and Performance Qualification.

AWS (American Welding Society)

8669 NW 36th Street, Suite 130 | Miami, FL 33166-6672 www.aws.org

Contact: Jennifer Rosario; jrosario@aws.org

Revision

BSR/AWS NAVSEA B2.1-1-316-202x, Standard Welding Procedure Specification for Naval Applications (SWPS-N) for Argon Plus 2% Oxygen Shielded Gas Metal Arc Welding (Spray Transfer Mode) of Carbon Steel (S-1), 1/8 inch [3 mm] through 1-1/2 inch [38 mm] Thick, MIL-70S-3, in the As-Welded or PWHT Condition, Primarily Pipe for Naval Applications (revision of ANSI/AWS NAVSEA B2.1-1-316-2017)

Stakeholders: Manufacturers, welders, engineers, CWIs

Project Need: Need for pretested welding procedures that satisfy the technical requirements for the commonly used construction codes and specifications.

Scope: This standard contains the essential welding variables for carbon steel in the thickness range of 1/8 inch [3 mm] through 1-1/2 inch [38 mm], using semiautomatic gas metal arc welding. It cites the base metals and operating conditions necessary to make the weldment, the filler metal specifications, and joint designs for groove and fillet welds. This SWPS-N was developed primarily for naval applications that require performance to NAVSEA Technical Publication S9074-AQ-GIB-010/248, Requirements for Welding and Brazing Procedure and Performance Qualification.

AWS (American Welding Society)

8669 NW 36th Street, Suite 130 | Miami, FL 33166-6672 www.aws.org

Contact: Jennifer Rosario; jrosario@aws.org

Revision

BSR/AWS NAVSEA B2.1-1-317-202x, Standard Welding Procedure Specification for Naval Applications (SWPS-N) for 75% Argon Plus 25% Carbon Dioxide Shielded Flux-Cored Arc Welding of Carbon Steel (S-1), 1/8 inch [3 mm] through 1-1/2 inch [38 mm] Thick, MIL-70T-1 and MIL-71T-1, in the As-Welded or PWHT Condition, Primarily Pipe for Naval Applications (revision of ANSI/AWS NAVSEA B2.1-1-317-2017)

Stakeholders: Manufacturers, welders, engineers, CWIs

Project Need: Need for pretested welding procedures that satisfy the technical requirements for the commonly used construction codes and specifications.

Scope: This standard contains the essential welding variables for carbon steel in the thickness range of 1/8 inch [3 mm] through 1-1/2 inch [38 mm], using semiautomatic gas shielded flux-cored arc welding. It cites the base metals and operating conditions necessary to make the weldment, the filler metal specifications, and joint designs for groove and fillet welds. This SWPS-N was developed primarily for naval applications that require performance to NAVSEA Technical Publication S9074-AQ-GIB-010/248, Requirements for Welding and Brazing Procedure and Performance Qualification.

AWS (American Welding Society)

8669 NW 36th Street, Suite 130 | Miami, FL 33166-6672 www.aws.org

Contact: Jennifer Rosario; jrosario@aws.org

Revision

BSR/AWS NAVSEA B2.1-1/8-323-202x, Standard Welding Procedure Specification for Naval Applications (SWPS-N) for Gas Tungsten Arc Welding of Carbon Steel (S-1) to Austenitic Stainless Steel (S-8), 1/8 inch [3 mm] through 1-1/2 inch [38 mm] Thick, MIL-309 ER309L, in the As-Welded Condition, Primarily Pipe for Naval Applications (revision of ANSI/AWS NAVSEA B2.1-1/8-323-2020)

Stakeholders: Manufacturers, welders, engineers, CWIs

Project Need: Need for pretested welding procedures that satisfy the technical requirements for the commonly used construction codes and specifications.

Scope: This standard contains the essential welding variables for carbon steel to austenitic stainless steel in the thickness range of 1/8 inch [3 mm] through 1-1/2 inch [38 mm], using manual gas tungsten arc welding. It cites the base metals and operating conditions necessary to make the weldment, the filler metal specifications, and the joint designs for groove and fillet welds. This SWPS-N was developed primarily for naval applications that require performance to NAVSEA Technical Publication S9074-AQ-GIB-010/248, Requirements for Welding and Brazing Procedure and Performance Qualification.

AWS (American Welding Society)

8669 NW 36th Street, Suite 130 | Miami, FL 33166-6672 www.aws.org

Contact: Jennifer Rosario; jrosario@aws.org

Revision

BSR/AWS NAVSEA B2.1-1/8-324-202x, Standard Welding Procedure Specification for Naval Applications (SWPS-N) for Shielded Metal Arc Welding of Carbon Steel (S-1) to Austenitic Stainless Steel (S-8), 1/8 inch [3 mm] through 1-1/2 inch [38 mm] Thick, MIL-309-XX and MIL-309L-XX, in the As-Welded Condition, Primarily Pipe for Naval Applications (revision of ANSI/AWS NAVSEA B2.1-1/8-324-2020)

Stakeholders: Manufacturers, welders, engineers, CWIs

Project Need: Need for pretested welding procedures that satisfy the technical requirements for the commonly used construction codes and specifications.

Scope: This standard contains the essential welding variables for carbon steel to austenitic stainless steel in the thickness range of 1/8 inch [3 mm] through 1-1/2 inch [38 mm], using manual shielded metal arc welding. It cites the base metals and operating conditions necessary to make the weldment, the filler metal specifications, and joint designs for groove and fillet welds. This SWPS-N was developed primarily for naval applications that require performance to NAVSEA Technical Publication S9074-AQ-GIB-010/248, Requirements for Welding and Brazing Procedure and Performance Qualification.

AWS (American Welding Society)

8669 NW 36th Street, Suite 130 | Miami, FL 33166-6672 www.aws.org

Contact: Jennifer Rosario; jrosario@aws.org

Revision

BSR/AWS NAVSEA B2.1-1/8-325-202x, Standard Welding Procedure Specification for Naval Applications (SWPS-N) for Gas Tungsten Arc Welding Followed by Shielded Metal Arc Welding of Carbon Steel (S-1) to Austenitic Stainless Steel (S-8), 1/8 inch [3 mm] through 1-1/2 inch [38 mm] Thick, MIL-309/ER309L and MIL-309-XX/MIL-309L-XX, in the As-Welded Condition, Primarily Pipe for Naval Applications (revision of ANSI/AWS NAVSEA B2.1-1/8-325-2020)

Stakeholders: Manufacturers, welders, engineers, CWIs

Project Need: Need for pretested welding procedures that satisfy the technical requirements for the commonly used construction codes and specifications.

Scope: This standard contains the essential welding variables for carbon steel to austenitic stainless steel in the thickness range of 1/8 inch [3 mm] through 1-1/2 inch [38 mm], using manual gas tungsten arc welding followed by shielded metal arc welding. It cites the base metals and operating conditions necessary to make the weldment, the filler metal specifications, and joint designs for groove and fillet welds. This SWPS-N was developed primarily for naval applications that require performance to NAVSEA Technical Publication S9074-AQ-GIB-010/248, Requirements for Welding and Brazing Procedure and Performance Qualification.

AWS (American Welding Society)

8669 NW 36th Street, Suite 130 | Miami, FL 33166-6672 www.aws.org

Contact: Jennifer Rosario; jrosario@aws.org

Revision

BSR/AWS NAVSEA B2.1-8-308-202x, Standard Welding Procedure Specification for Naval Applications (SWPS-N) for Gas Tungsten Arc Welding of Austenitic Stainless Steel (S-8), 1/8 inch [3 mm] through 1-1/2 inch [38 mm] Thick, MIL-3XX, in the As-Welded Condition, Primarily Plate and Structural Naval Applications (revision of ANSI/AWS NAVSEA B2.1-8-308-2016)

Stakeholders: Manufacturers, welders, engineers, CWIs

Project Need: Need for pretested welding procedures that satisfy the technical requirements for the commonly used construction codes and specifications.

Scope: This standard contains the essential welding variables for austenitic stainless steel in the thickness range of 1/8 inch [3 mm] through 1-1/2 inch [38 mm], using manual gas tungsten arc welding. It cites the base metals and operating conditions necessary to make the weldment, the filler metal specifications, and joint designs for groove and fillet welds. This SWPS-N was developed primarily for naval applications that require performance to NAVSEA Technical Publication S9074-AQ-GIB-010/248, Requirements for Welding and Brazing Procedure and Performance Qualification.

AWS (American Welding Society)

8669 NW 36th Street, Suite 130 | Miami, FL 33166-6672 www.aws.org

Contact: Jennifer Rosario; jrosario@aws.org

Revision

BSR/AWS NAVSEA B2.1-8-309-202x, Standard Welding Procedure Specification for Naval Applications (SWPS-N) for Shielded Metal Arc Welding of Austenitic Stainless Steel (S-8), 1/8 inch [3 mm] through 1-1/2 inch [38 mm] Thick, MIL-3XX-XX, in the As-Welded Condition, Primarily Plate and Structural Naval Applications (revision of ANSI/AWS NAVSEA B2.1-8-309-2018)

Stakeholders: Manufacturers, welders, engineers, CWIs

Project Need: Need for pretested welding procedures that satisfy the technical requirements for the commonly used construction codes and specifications.

Scope: This standard contains the essential welding variables for austenitic stainless steel in the thickness range of 1/8 inch [3 mm] through 1-1/2 inch [38 mm], using manual shielded metal arc welding. It cites the base metals and operating conditions necessary to make the weldment, the filler metal specifications, and joint designs for groove and fillet welds. This SWPS-N was developed primarily for naval applications that require performance to NAVSEA Technical Publication S9074-AQ-GIB-010/248, Requirements for Welding and Brazing Procedure and Performance Qualification.

AWS (American Welding Society)

8669 NW 36th Street, Suite 130 | Miami, FL 33166-6672 www.aws.org

Contact: Jennifer Rosario; jrosario@aws.org

Revision

BSR/AWS NAVSEA B2.1-8-310-202x, Standard Welding Procedure Specification for Naval Applications (SWPS-N) for Gas Tungsten Arc Welding Followed by Shielded Metal Arc Welding of Austenitic Stainless Steel (S-8), 1/8 inch [3 mm] through 1-1/2 inch [38 mm] Thick, MIL-3XX and MIL-3XX-XX, in the As-Welded Condition, Primarily Plate and Structural Naval Applications (revision of ANSI/AWS NAVSEA B2.1-8-310-2020)

Stakeholders: Manufacturers, welders, engineers, CWIs

Project Need: Need for pretested welding procedures that satisfy the technical requirements for the commonly used construction codes and specifications.

Scope: This standard contains the essential welding variables for austenitic stainless steel in the thickness range of 1/8 inch [3 mm] through 1-1/2 inch [38 mm], using manual gas tungsten arc welding followed by shielded metal arc welding. It cites the base metals and operating conditions necessary to make the weldment, the filler metal specifications, and joint designs for groove and fillet welds. This SWPS-N was developed primarily for naval applications that require performance to NAVSEA Technical Publication S9074-AQ-GIB-010/248, Requirements for Welding and Brazing Procedure and Performance Qualification.

AWS (American Welding Society)

8669 NW 36th Street, Suite 130 | Miami, FL 33166-6672 www.aws.org

Contact: Jennifer Rosario; jrosario@aws.org

Revision

BSR/AWS NAVSEA B2.1-8-318-202x, Standard Welding Procedure Specification for Naval Applications (SWPS-N) for Gas Tungsten Arc Welding of Austenitic Stainless Steel (S-8), 1/8 inch [3 mm] through 1-1/2 inch [38 mm] Thick, MIL -3XX, in the As-Welded Condition, Primarily Pipe for Naval Applications (revision of ANSI/AWS NAVSEA B2.1-8-318 -2016)

Stakeholders: Manufacturers, welders, engineers, CWIs

Project Need: Need for pretested welding procedures that satisfy the technical requirements for the commonly used construction codes and specifications.

Scope: This standard contains the essential welding variables for austenitic stainless steel in the thickness range of 1/8 inch [3 mm] through 1-1/2 inch [38 mm], using manual gas tungsten arc welding. It cites the base metals and operating conditions necessary to make the weldment, the filler metal specifications, and joint designs for groove and fillet welds. This SWPS-N was developed primarily for naval applications that require performance to NAVSEA Technical Publication S9074-AQ-GIB-010/248, Requirements for Welding and Brazing Procedure and Performance Qualification.

AWS (American Welding Society)

8669 NW 36th Street, Suite 130 | Miami, FL 33166-6672 www.aws.org

Contact: Jennifer Rosario; jrosario@aws.org

Revision

BSR/AWS NAVSEA B2.1-8-319-202x, Standard Welding Procedure Specification for Naval Applications (SWPS-N) for Shielded Metal Arc Welding of Austenitic Stainless Steel (S-8), 1/8 inch [3 mm] through 1-1/2 inch [38 mm] Thick, MIL -3XX-XX, in the As-Welded Condition, Primarily Pipe for Naval Applications (revision of ANSI/AWS NAVSEA B2.1-8-319 -2018)

Stakeholders: Manufacturers, welders, engineers, CWIs

Project Need: Need for pretested welding procedures that satisfy the technical requirements for the commonly used construction codes and specifications.

Scope: This standard contains the essential welding variables for austenitic stainless steel in the thickness range of 1/8 inch [3 mm] through 1-1/2 inch [38 mm], using manual shielded metal arc welding. It cites the base metals and operating conditions necessary to make the weldment, the filler metal specifications, and joint designs for groove and fillet welds. This SWPS-N was developed primarily for naval applications that require performance to NAVSEA Technical Publication S9074-AQ-GIB-010/248, Requirements for Welding and Brazing Procedure and Performance Qualification.

AWS (American Welding Society)

8669 NW 36th Street, Suite 130 | Miami, FL 33166-6672 www.aws.org

Contact: Jennifer Rosario; jrosario@aws.org

Revision

BSR/AWS NAVSEA B2.1-8-320-202x, Standard Welding Procedure Specification for Naval Applications (SWPS-N) for Gas Tungsten Arc Welding Followed by Shielded Metal Arc Welding of Austenitic Stainless Steel (S-8), 1/8 inch [3 mm] through 1-1/2 inch [38 mm] Thick, MIL-3XX and MIL-3XX-XX, in the As-Welded Condition, Primarily Pipe for Naval Applications (revision of ANSI/AWS NAVSEA B2.1-8-320-2020)

Stakeholders: Manufacturers, welders, engineers, CWIs

Project Need: Need for pretested welding procedures that satisfy the technical requirements for the commonly used construction codes and specifications.

Scope: This standard contains the essential welding variables for austenitic stainless steel in the thickness range of 1/8 inch [3 mm] through 1-1/2 inch [38 mm], using manual gas tungsten arc welding followed by shielded metal arc welding. It cites the base metals and operating conditions necessary to make the weldment, the filler metal specifications, and joint designs for groove and fillet welds. This SWPS-N was developed primarily for naval applications that require performance to NAVSEA Technical Publication S9074-AQ-GIB-010/248, Requirements for Welding and Brazing Procedure and Performance Qualification.

AWS (American Welding Society)

8669 NW 36th Street, Suite 130 | Miami, FL 33166-6672 www.aws.org

Contact: Jennifer Rosario; jrosario@aws.org

Revision

BSR/AWS NAVSEA B2.1-8-321-202x, Standard Welding Procedure Specification for Naval Applications (SWPS-N) for Gas Tungsten Arc Welding with Consumable Insert Root of Austenitic Stainless Steel (S-8), 1/8 inch [3 mm] through 1-1/2 inch [38 mm] Thick, MIL-3XX, in the As-Welded Condition, Primarily Pipe for Naval Applications (revision of ANSI/AWS NAVSEA B2.1-8-321-2018)

Stakeholders: Manufacturers, welders, engineers, CWIs

Project Need: Need for pretested welding procedures that satisfy the technical requirements for the commonly used construction codes and specifications.

Scope: This standard contains the essential welding variables for austenitic stainless steel in the thickness range of 1/8 inch [3 mm] through 1-1/2 inch [38 mm], using manual gas tungsten arc welding with consumable insert root. It cites the base metals and operating conditions necessary to make the weldment, the filler metal specifications, and joint designs for full penetration groove welds with consumable inserts. This SWPS-N was developed primarily for naval applications that require performance to NAVSEA Technical Publication S9074-AQ-GIB-010/248, Requirements for Welding and Brazing Procedure and Performance Qualification.

AWS (American Welding Society)

8669 NW 36th Street, Suite 130 | Miami, FL 33166-6672 www.aws.org

Contact: Jennifer Rosario; jrosario@aws.org

Revision

BSR/AWS NAVSEA B2.1-8-322-202x, Standard Welding Procedure Specification for Naval Applications (SWPS-N) for Gas Tungsten Arc Welding with Consumable Insert Root Followed by Shielded Metal Arc Welding of Austenitic Stainless Steel (S-8), 1/8 inch [3 mm] through 1-1/2 inch [38 mm] Thick, MIL-3XX and MIL-3XX-XX, in the As-Welded Condition, Primarily Pipe for Naval Applications (revision of ANSI/AWS NAVSEA B2.1-8-322-2018)

Stakeholders: Manufacturers, welders, engineers, CWIs

Project Need: Need for pretested welding procedures that satisfy the technical requirements for the commonly used construction codes and specifications.

Scope: This standard contains the essential welding variables for austenitic stainless steel in the thickness range of 1/8 inch [3 mm] through 1-1/2 inch [38 mm], using manual gas tungsten arc welding with consumable insert root followed by shielded metal arc welding. It cites the base metals and operating conditions necessary to make the weldment, the filler metal specifications, and joint designs for full-penetration groove welds with consumable inserts. This SWPS-N was developed primarily for naval applications that require performance to NAVSEA Technical Publication S9074-AQ-GIB-010/248, Requirements for Welding and Brazing Procedure and Performance Qualification.

CSA (CSA America Standards Inc.)

8501 E. Pleasant Valley Road | Cleveland, OH 44131 www.csagroup.org

Contact: David Zimmerman; ansi.contact@csagroup.org

New Standard

BSR/CSA 116-202x, Standard for hydrogen production intensity quantification and verification (new standard)

Stakeholders: Hydrogen producers, hydrogen consumers, and AHJs

Project Need: By having a detailed and reliable national standard to quantify emission intensities of production, a more accurate classification system may be established to replace or supplement the current color classification in place (i.e., gray, blue, and green hydrogen). As a result, hydrogen producers will be able to validate the emissions benefit of the fuel based on emission intensity of the production method.

Scope: The purpose of the new standard is to establish a national quantification standard, using a life-cycle approach, to set the requirements of quantifying the emission profile of hydrogen production accurately and consistently among the various production methods. The national quantification standard will include the following: (a) A process to establish life cycle assessment boundaries for each hydrogen production method, from cradle to gate; (b) Determination of the appropriate hydrogen quality specification to ensure quantification of production is resulting in equivalent comparisons; and (c) Establishment of validation and verification requirements to provide assurance of emission profiles being communicated.

CSA (CSA America Standards Inc.)

8501 E. Pleasant Valley Road | Cleveland, OH 44131 www.csagroup.org

Contact: David Zimmerman; ansi.contact@csagroup.org

National Adoption

BSR/CSA C22.2 No. 19085-11-202x, Woodworking machines - Safety - Part 11: Combined machines (national adoption with modifications of ISO 19085-11)

Stakeholders: producers, regulators and certification agencies for woodworking machinery industry.

Project Need: This standard will provide safety requirements for combined woodworking machines in Canada and USA.

Scope: This document gives the safety requirements and measures for stationary and displaceable combined woodworking machines, having at least two separately usable working units and with manual loading and unloading of the workpiece, hereinafter referred to as “machines”. The integrated working units can be of these types only:

- a sawing unit;
- a moulding unit; and
- a planing unit.

The machines are designed to cut solid wood and material with similar physical characteristics to wood. This Standard applies to combined woodworking machines that are intended to be installed and used in accordance with the National Electrical Code (NFPA 70) in the United States and the Canadian Electrical Code, Part I (CSA C22.1) in Canada.

CSA (CSA America Standards Inc.)

8501 E. Pleasant Valley Road | Cleveland, OH 44131 www.csagroup.org

Contact: David Zimmerman; ansi.contact@csagroup.org

National Adoption

BSR/CSA C22.2 No. 19085-13-202x, Woodworking machines - Safety - Part 13: Multi-blade rip sawing machines with manual loading and/or unloading (national adoption with modifications of ISO 19085-13)

Stakeholders: Manufacturers, regulators and certification agencies in woodworking machinery industry.

Project Need: To provide safety requirements for multi-blade rip-sawing machines with manual loading and/or unloading in Canada and United States

Scope: This document gives the safety requirements and measures for stationary multi-blade rip sawing machines manually loaded and/or unloaded, referred to as “machines” in this standard, designed to cut solid wood and material with similar physical characteristics to wood. It deals with all significant hazards, hazardous situations and events as listed in Clause 4 relevant to machines, when operated, adjusted, and maintained as intended and under the conditions foreseen by the manufacturer including reasonably foreseeable misuse. Also, transport, assembly, dismantling, disabling, and scrapping phases are taken into account. This Standard applies to multi-blade rip-sawing machines that are intended to be installed and used in accordance with the National Electrical Code (NFPA 70) in the United States and the Canadian Electrical Code, Part I (CSA C22.1) in Canada. It is not applicable to machines:

- with all saw blades spindles mounted below the workpiece support/level only;
- intended for use in potentially explosive atmosphere; and
- manufactured prior to its publication.

ECIA (Electronic Components Industry Association)

13873 Park Center Road, Suite 315 | Herndon, VA 20171 www.ecianow.org

Contact: Laura Donohoe; ldonohoe@ecianow.org

New Standard

BSR/EIA 456-A-202x, Metallized Film Dielectric Capacitors for Alternating Current Application (new standard)

Stakeholders: Electrical, electronic, and telecommunications industries

Project Need: Upgrade to this American National Standard.

Scope: This standard describes the requirements for metallized electrode film dielectric capacitors, dry or non-PCB liquid-filled, and sealed in metal cases or in non-metal cases made of self-extinguishing material. They are intended for use in lighting ballasts, ferroresonant transformer power supplies, some power-factor correction, with motors and other general-purpose applications.

ESTA (Entertainment Services and Technology Association)

271 Cadman Plaza, P.O. Box 23200 | Brooklyn, NY 11202-3200 www.esta.org

Contact: Karl Ruling; standards@esta.org

New Standard

BSR/E1.75-202x, Wire rope tension grids (new standard)

Stakeholders: Theatre consultants, architects, wire rope tension grid manufacturers, stage hands, and companies providing rigging services for touring concerts and other road shows.

Project Need: Wire tension grids have been in use since at least 1949 in anechoic chambers. Since then, tension grids have evolved from black box theater lighting positions to massive work-access platforms for arena rigging.

Construction designs for them have evolved over the decades without a guiding document for capacity loading, roof loading, handrails, rigging openings, and edge protection.

Scope: This standard for wire-rope tension grids will cover design and application criteria including: the loading, self-weight considerations, transitions between levels, and suspension from structure. The standard will provide deflection criteria for both structural elements and the woven mesh. The standard will offer guidance on the size of openings, including trap doors and bays similar to loft-wells. The standard will provide requirements for hand rails and consideration for other accessories such as stage-lighting battens.

PMI (Project Management Institute)

14 Campus Blvd | Newtown Square, PA 19073-3299 www.pmi.org

Contact: Lorna Scheel; lorna.scheel@pmi.org

Revision

BSR/PMI 08-002-202x, The Standard for Program Management (revision of ANSI/PMI 08-002-2017)

Stakeholders: Anyone interested in the program management profession such as senior executives, program managers, managers of projects, members of project management offices, functional managers with employees assigned to programs, programs utilizing agile and adaptive approaches, educators teaching program management related subjects, consultants and other specialists in program management and related fields, trainers developing program management educational programs, researchers analyzing program management, etc.

Project Need: The current edition of The Standard for Program Management needs to receive limited updates to incorporate adaptive practices to its guidance, enhance flexibility in its content to allow greater ease of use in a variety of industries, and more clearly articulate previously identified principles within the text to meet market needs for principles-based guidance. The growth of program management as a field has increased the need for these changes, and the Standard needs to receive limited updates to best serve practitioners.

Scope: The Standard for Program Management - Fifth Edition provides guidelines for managing programs within an organization. It defines program management and related concepts, describes the program management life cycle, and provides guidance to practitioners on best practices. A limited revision is planned to address needed modifications that will allow it to best serve the field.

Call for Comment on Standards Proposals

American National Standards

This section solicits public comments on proposed draft new American National Standards, including the national adoption of ISO and IEC standards as American National Standards, and on proposals to revise, reaffirm or withdraw approval of existing American National Standards. A draft standard is listed in this section under the ANSI-accredited standards developer (ASD) that sponsors it and from whom a copy may be obtained. Comments in connection with a draft American National Standard must be submitted in writing to the ASD no later than the last day of the comment period specified herein. Such comments shall be specific to the section (s) of the standard under review and include sufficient detail so as to enable the reader to understand the commenter's position, concerns and suggested alternative language, if appropriate. Please note that the ANSI Executive Standards Council (ExSC) has determined that an ASD has the right to require that interested parties submit public review comments electronically, in accordance with the developer's procedures.

Ordering Instructions for "Call-for-Comment" Listings

1. Order from the organization indicated for the specific proposal.
2. Use the full identification in your order, including the BSR prefix; for example, Electric Fuses BSR/SAE J554.
3. Include remittance with all orders.
4. BSR proposals will not be available after the deadline of call for comment.

Comments should be addressed to the organization indicated, with a copy to the Board of Standards Review, American National Standards Institute, 25 West 43rd Street, New York, NY 10036. e-mail: psa@ansi.org

* Standard for consumer products

Comment Deadline: October 10, 2021

NSF (NSF International)

789 N. Dixboro Rd., Ann Arbor, MI 48105 | mmilla@nsf.org, www.nsf.org

Revision

BSR/NSF 42-202x (i114r2), Drinking Water Treatment Units - Aesthetic Effects (revision of ANSI/NSF 42-2020)
The point-of-use (POU) and point-of-entry (POE) systems addressed by this Standard are designed to be used for the reduction of specific substances that may be present in drinking water (public or private) considered to be microbiologically safe and of known quality. Systems covered under this Standard are intended to address one or more of the following: reduce substances affecting the aesthetic quality of the water, add chemicals for scale control, or limit microbial growth in the system (bacteriostatic). Substances may be soluble or particulate in nature. It is recognized that a system may be effective in controlling one or more of these substances but is not required to control all. Systems with manufacturer claims that include components or functions covered under other NSF or NSF/ANSI Standards or Criteria shall conform to the applicable requirements therein. Filter systems covered by this Standard are not intended to be used with drinking water that is microbiologically unsafe or of unknown quality without adequate disinfection before or after the system.

[Click here to view these changes in full](#)

Send comments (copy psa@ansi.org) to: Monica Milla; mmilla@nsf.org

Comment Deadline: October 10, 2021

NSF (NSF International)

789 N. Dixboro Rd., Ann Arbor, MI 48105 | mmilla@nsf.org, www.nsf.org

Revision

BSR/NSF 55-202x (i60r1), Ultraviolet Microbiological Water Treatment Systems (revision of ANSI/NSF 55-2020)

The purpose of this Standard is to establish minimum requirements for the reduction of microorganisms using ultraviolet radiation (UV). UV water treatment systems covered by this Standard are intended for water that may be either microbiologically safe or microbiologically unsafe. This Standard also specifies the minimum product literature and labeling information that a manufacturer shall supply to authorized representatives and system owners, as well as the minimum service-related obligations that the manufacturer shall extend to system owners.

[Click here to view these changes in full](#)

Send comments (copy psa@ansi.org) to: Monica Milla; mmilla@nsf.org

NSF (NSF International)

789 N. Dixboro Road, Ann Arbor, MI 48105-9723 | rbrooker@nsf.org, www.nsf.org

Revision

BSR/NSF 455-2-202x (i26r2), Good Manufacturing Practices for Dietary Supplements (revision of ANSI/NSF 455-2-2020)

This Standard is intended to define a standardized approach for auditing to determine the level of compliance of dietary supplement products to 21 CFR 111 Current Good Manufacturing Practices (GMPs) in Manufacturing, Packaging, Labeling, or Holding Operations for Dietary Supplements as well as incorporating additional retailer requirements. It refers to the requirements for GMP applicable to all dietary supplements. It will assist in the determination of adequate facilities and controls for dietary supplement manufacture with sufficient quality to ensure suitability for intended use.

[Click here to view these changes in full](#)

Send comments (copy psa@ansi.org) to: Rachel Brooker; rbrooker@nsf.org

NSF (NSF International)

789 N. Dixboro Road, Ann Arbor, MI 48105-9723 | rbrooker@nsf.org, www.nsf.org

Revision

BSR/NSF 455-3-202x (i33r2), Good Manufacturing Practices for Cosmetics (revision of ANSI/NSF 455-3-2019)

This Standard is intended to define a standardized approach for auditing to determine the level of compliance of cosmetic products to ISO 22716 Good Manufacturing Practices (GMPs) for cosmetics as well as incorporating additional retailer requirements. It refers to the requirements for GMPs applicable to all cosmetics. It will assist in the determination of adequate facilities and controls for cosmetic manufacture with sufficient quality to ensure suitability for intended use.

[Click here to view these changes in full](#)

Send comments (copy psa@ansi.org) to: Rachel Brooker; rbrooker@nsf.org

Comment Deadline: October 10, 2021

NSF (NSF International)

789 N. Dixboro Road, Ann Arbor, MI 48105-9723 | rbrooker@nsf.org, www.nsf.org

Revision

BSR/NSF 455-4-202x (i39r2), Good Manufacturing Practices for Over-the-Counter Drugs (revision of ANSI/NSF 455-4-2020)

This Standard is intended to define a standardized approach for auditing to determine the level of compliance of over-the-counter (OTC) drug products to 21 CFR Part 210, Current Good Manufacturing Practice in Manufacturing, Processing, Packing, or Holding of Drugs; General and 21 CFR Part 211 Current Good Manufacturing Practice for Finished Pharmaceuticals, well as incorporating additional retailer requirements. It refers to the requirements for good manufacturing practices (GMPs) applicable to all OTC drugs. It will assist in the determination of adequate facilities and controls for OTC drug manufacture with sufficient quality to ensure suitability for intended use.

[Click here to view these changes in full](#)

Send comments (copy psa@ansi.org) to: Rachel Brooker; rbrooker@nsf.org

NSF (NSF International)

789 N. Dixboro Road, Ann Arbor, MI 48105-9723 | jsnider@nsf.org, www.nsf.org

Revision

BSR/NSF/CAN 50-202x (i176r1), Equipment and Chemicals for Swimming Pools, Spas, Hot Tubs, and Other Recreational Water Facilities (revision of ANSI/NSF/CAN 50-2020)

This Standard covers materials, chemicals, components, products, equipment and systems, related to public and residential recreational water facility operation.

[Click here to view these changes in full](#)

Send comments (copy psa@ansi.org) to: Jason Snider; jsnider@nsf.org

UL (Underwriters Laboratories)

12 Laboratory Drive, Research Triangle Park, NC 27709-3995 | jennifer.fields@ul.org, https://ul.org/

Revision

BSR/UL 588-202x, Standard for Safety for Seasonal and Holiday Decorative Products (September 10, 2021) (revision of ANSI/UL 588-202x)

This proposal covers: (2) Withdrawal of proposal: Revise 0.6A limit on series strings.

[Click here to view these changes in full](#)

Send comments (copy psa@ansi.org) to: Follow the instructions in the following website to enter comments into the CSDS Work Area: <https://csds.ul.com/Home/ProposalsDefault.aspx>

UL (Underwriters Laboratories)

47173 Benicia Street, Fremont, CA 94538 | Derrick.L.Martin@ul.org, https://ul.org/

Revision

BSR/UL 746B-202x, Standard for Safety for Polymeric Materials - Long-Term Property Evaluations (revision of ANSI/UL 746B-2021)

This proposal covers the inclusion of an Exception into the Generic RTI of Polycarbonate (PC) in Table 7.1.

[Click here to view these changes in full](#)

Send comments (copy psa@ansi.org) to: Follow the instructions in the following website to enter comments into the CSDS Work Area: <https://csds.ul.com/Home/ProposalsDefault.aspx>

Comment Deadline: October 10, 2021

UL (Underwriters Laboratories)

12 Laboratory Drive, Research Triangle Park, NC 27709-3995 | Joshua.Johnson@ul.org, <https://ul.org/>

Revision

BSR/UL 797A-202X, Electrical Metallic Tubing - Aluminum and Stainless Steel (revision of ANSI/UL 797A-2020)

(1) Electrical metallic tubing, Addition of trade sizes 5" & 6" in aluminum.

[Click here to view these changes in full](#)

Send comments (copy psa@ansi.org) to: Follow the instructions in the following website to enter comments into the CSDS Work Area: <https://csds.ul.com/Home/ProposalsDefault.aspx>

UL (Underwriters Laboratories)

12 Laboratory Drive, Research Triangle Park, NC 27709-3995 | Nicolette.A.Weeks@ul.org, <https://ul.org/>

Revision

BSR/UL 2127-202x, Standard for Inert Gas Clean Agent Extinguishing System Units (September 10, 2021) (revision of ANSI/UL 2127-202x)

This proposal covers: (1) Electronic documentation for fire suppression standards.

[Click here to view these changes in full](#)

Send comments (copy psa@ansi.org) to: Follow the instructions in the following website to enter comments into the CSDS Work Area: <https://csds.ul.com/Home/ProposalsDefault.aspx>

UL (Underwriters Laboratories)

12 Laboratory Drive, Research Triangle Park, NC 27709-3995 | Nicolette.A.Weeks@ul.org, <https://ul.org/>

Revision

BSR/UL 2166-202x, Standard for Halocarbon Clean Agent Extinguishing System Units (September 10, 2021) (revision of ANSI/UL 2166-202x)

This proposal covers: (1) Electronic documentation for fire suppression standards.

[Click here to view these changes in full](#)

Send comments (copy psa@ansi.org) to: Follow the instructions in the following website to enter comments into the CSDS Work Area: <https://csds.ul.com/Home/ProposalsDefault.aspx>

UL (Underwriters Laboratories)

12 Laboratory Drive, Research Triangle Park, NC 27709-3995 | Joshua.Johnson@ul.org, <https://ul.org/>

Revision

BSR/UL 2515-202X, Aboveground Reinforced Thermosetting Resin Conduit (RTRC) and Fittings (revision of ANSI/UL 2515-2019)

(1) Clarification on where to measure the minimum inside diameter of socket specified in Tables 5 to 8.

[Click here to view these changes in full](#)

Send comments (copy psa@ansi.org) to: Follow the instructions in the following website to enter comments into the CSDS Work Area: <https://csds.ul.com/Home/ProposalsDefault.aspx>

Comment Deadline: October 25, 2021

AAFS (American Academy of Forensic Sciences)

410 North 21st Street, Colorado Springs, CO 80904 | tambrosius@aafs.org, www.aafs.org

New Standard

BSR/ASB BPR 114-202x, Best Practice Recommendations for Internal Validation of Software used in Forensic DNA Laboratories (new standard)

This best practice recommendation assists a laboratory in designing internal validation studies to evaluate the various software programs used in the forensic DNA laboratory. This guidance document applies to, but is not limited to the following: (a) Software used as a component, part, or accessory of instrumentation; (b) Software that impacts the chain of custody documentation; (c) Software that impacts the decision process and/or influences conclusions or reporting; and (d) Software created by the laboratory to assist with calculations and/or data transfers.

Single copy price: Free

Obtain an electronic copy from: This is a public comment period for a recirculation. Updated document, redline version, and comments can be viewed on the AAFS Standards Board website at: <http://www.asbstandardsboard.org/notice-of-standard-development-and-coordination/>.

Order from: Document will be provided electronically on AAFS Standards Board website (www.asbstandardsboard.org) free of charge.

Send comments (copy psa@ansi.org) to: asb@aafs.org

ADA (American Dental Association)

211 East Chicago Avenue, Chicago, IL 60611-2678 | bralowerp@ada.org, www.ada.org

National Adoption

BSR/ADA Standard No. 120-202x, Dentistry - Physical Properties of Powered Toothbrushes (identical national adoption of ISO 20127:2020 and revision of ANSI/ADA Standard No. 120-2009 (R2014))

This document specifies requirements and test methods for the physical properties of powered toothbrushes in order to promote the safety of these products for their intended use. The requirements in this document apply to all types of powered toothbrushes. There are different technologies of powered toothbrushes; common features of those toothbrushes to which this document applies are a battery, a motor, a mechanical or magnetic drive system, and a moving brush head with tufted filaments.

Single copy price: \$43.00

Obtain an electronic copy from: standards@ada.org

Order from: Paul Bralower; bralowerp@ada.org

Send comments (copy psa@ansi.org) to: Paul Bralower; bralowerp@ada.org

ADA (American Dental Association)

211 East Chicago Avenue, Chicago, IL 60611-2678 | bralowerp@ada.org, www.ada.org

National Adoption

BSR/ADA Standard No. 122-202x, Dentistry - Casting and Baseplate Waxes (identical national adoption of ISO 15854:2021 and revision of ANSI/ADA Standard No. 122-2007 (R2019))

This document specifies the classification of and requirements for dental casting and dental baseplate waxes together with the test methods to be employed to determine compliance with these requirements.

Single copy price: \$65.00

Obtain an electronic copy from: standards@ada.org

Order from: Paul Bralower; bralowerp@ada.org

Send comments (copy psa@ansi.org) to: Paul Bralower; bralowerp@ada.org

Comment Deadline: October 25, 2021

ADA (American Dental Association)

211 East Chicago Avenue, Chicago, IL 60611-2678 | bralowerp@ada.org, www.ada.org

National Adoption

BSR/ADA Standard No. 19-202x, Dentistry - Elastomeric Impression and Bite Registration Materials (identical national adoption of ISO 4823:2021 and revision of ANSI/ADA Standard No. 19-2017)

This document specifies the requirements and their test methods for elastomeric impression and bite registration materials.

Single copy price: \$176.00

Obtain an electronic copy from: standards@ada.org

Order from: Paul Bralower; bralowerp@ada.org

Send comments (copy psa@ansi.org) to: Paul Bralower; bralowerp@ada.org

ADA (American Dental Association)

211 East Chicago Avenue, Chicago, IL 60611-2678 | bralowerp@ada.org, www.ada.org

National Adoption

BSR/ADA Standard No. 201-202x, Dentistry - Magnetic Attachments (identical national adoption of ISO 13017:2020)

This document specifies requirements and test methods for assessing the applicability of dental magnetic attachments that provide retention, support, and stabilization of removable prostheses (crowns and bridges, partial dentures, and overdentures), superstructures of dental implants and orthodontic or maxillofacial prostheses including obturators.

Single copy price: \$73.00

Obtain an electronic copy from: standards@ada.org

Order from: Paul Bralower; bralowerp@ada.org

Send comments (copy psa@ansi.org) to: Paul Bralower; bralowerp@ada.org

ANS (American Nuclear Society)

555 North Kensington Avenue, La Grange Park, IL 60526 | kmurdoch@ans.org, www.ans.org

Reaffirmation

BSR/ANS 2.15-2013 (R202x), Criteria for Modeling and Calculating Atmospheric Dispersion of Routine Radiological Releases from Nuclear Facilities (reaffirmation of ANSI/ANS 2.15-2013 (R2017))

This Standard establishes criteria for use of meteorological data collected at nuclear facilities to evaluate the atmospheric effects on routine radioactive releases, inclusive of dilution, dispersion, plume rise, plume meander, aerodynamic effects of buildings, dry, deposition, and wet deposition (e.g., precipitation scavenging).

Single copy price: \$216.00

Obtain an electronic copy from: orders@ans.org

Order from: orders@ans.org

Send comments (copy psa@ansi.org) to: Patricia Schroeder; pschroeder@ans.org

Comment Deadline: October 25, 2021

ASHRAE (American Society of Heating, Refrigerating and Air-Conditioning Engineers, Inc.)

180 Technology Parkway, Peachtree Corners, GA 30092 | rshanley@ashrae.org, www.ashrae.org

New Standard

BSR/ASHRAE Standard 230P-202x, Commissioning Process for Existing Systems and Assemblies (new standard)
BSR/ASHRAE Standard 230P, Commissioning Process for Existing Systems and Assemblies, is an organized, quality-oriented process for planning, assessing, investigating, implementing, verifying, and documenting repair and adjustment activities for improving the performance of facilities, systems, and assemblies to meet defined operational requirements and criteria for the facility.

Single copy price: \$35.00

Obtain an electronic copy from: <https://www.ashrae.org/technical-resources/standards-and-guidelines/public-review-drafts>

Order from: standards.section@ashrae.org

Send comments (copy psa@ansi.org) to: Online Comment Database at <https://www.ashrae.org/technical-resources/standards-and-guidelines/public-review-drafts>

ASME (American Society of Mechanical Engineers)

Two Park Avenue, M/S 6-2B, New York, NY 10016-5990 | ansibox@asme.org, www.asme.org

Revision

BSR/ASME NQA-1-202x, Quality Assurance Requirements for Nuclear Facility Applications (revision of ANSI/ASME NQA-1-2019)

This Standard provides requirements and guidelines for the establishment and execution of quality assurance programs during siting, design, construction, operation and decommissioning of nuclear facilities.

Single copy price: Free

Obtain an electronic copy from: <https://cstools.asme.org/csconnect/PublicReviewPage.cfm>

Send comments (copy psa@ansi.org) to: Adam Maslowski; maslowskia@asme.org

AWS (American Welding Society)

8669 NW 36th Street, Suite 130, Miami, FL 33166-6672 | jrosario@aws.org, www.aws.org

New Standard

BSR/AWS C2.27M/C2.27-202x, Guide to Thermal Spray Masking (new standard)

This guide presents efficient strategies for various thermal spray processes to improve masking effectiveness, minimize cost, and avoid or address common issues. Workpiece preparation, masking tools, and workspace layout are addressed.

Single copy price: \$25.00

Obtain an electronic copy from: jrosario@aws.org

Order from: Jennifer Rosario; jrosario@aws.org

Send comments (copy psa@ansi.org) to: Jennifer Rosario; jrosario@aws.org

Comment Deadline: October 25, 2021

AWS (American Welding Society)

8669 NW 36th Street, Suite 130, Miami, FL 33166-6672 | jrosario@aws.org, www.aws.org

Revision

BSR/AWS B2.1/B2.1M-202x, Specification for Welding Procedure and Performance Qualification (revision and redesignation of ANSI/AWS B2.1/B2.1M:2014-ADD1-2019)

This specification provides the requirements for qualification of welding procedure specifications, welders, and welding operators for manual, semiautomatic, mechanized, and automatic welding. The welding processes included are electrogas welding, electron beam welding, electroslag welding, flux-cored arc welding, gas metal arc welding, gas tungsten arc welding, laser beam welding, oxyfuel gas welding, plasma arc welding, shielded metal arc welding, stud arc welding, and submerged arc welding. Base metals, filler metals, qualification variables, welding designs, and testing requirements are also included.

Single copy price: \$132.00

Obtain an electronic copy from: jrosario@aws.org

Order from: Jennifer Rosario; jrosario@aws.org

Send comments (copy psa@ansi.org) to: Jennifer Rosario; jrosario@aws.org

AWS (American Welding Society)

8669 NW 36th Street, Suite 130, Miami, FL 33166-6672 | jrosario@aws.org, www.aws.org

Revision

BSR/AWS C2.19/C2.19M-202x, Specification for the Application of Thermal Spray Coatings to Machine Elements for OEM and Repair (revision of ANSI/AWS C2.19/C2.19M-2013)

This standard defines requirements for thermal spray coating systems for OEM and repair applications. Included are HVOF (High Velocity Oxyfuel) coatings that can be used as an alternative to hard chrome plating. The essential equipment, procedures for surface preparation, and the application of specific thermal spray coatings and sealers are detailed with in-process quality control checkpoints. This standard also presents management requirements and procedures for qualification, procedure approval, and documentation. Also covered are approved applications for thermal spray processes used for OEM and repair of machinery components along with minimum training requirements for thermal spray operators and inspectors. This specification has several annexes including annexes on safety, bend testing, and bond testing.

Single copy price: \$31.50

Obtain an electronic copy from: jrosario@aws.org

Order from: Jennifer Rosario; jrosario@aws.org

Send comments (copy psa@ansi.org) to: Jennifer Rosario; jrosario@aws.org

BHCOE (Behavioral Health Center of Excellence)

7083 Hollywood Boulevard, #565, Los Angeles, CA 90028 | rose@bhcoe.org, www.bhcoe.org

New Standard

BSR/BHCOE 201-202x, Standards of Excellence for Applied Behavior Analysis Services (new standard)

To date, there are no standards for organizations that provide Applied Behavior Analysis therapy services. These standards focus on areas needed to deliver and sustain high-quality services, manage treatment costs, and reduce risk and liability. The areas of the standards include areas such as ethics, integrity, and professionalism; clinical documentation; service delivery; health, safety, and emergency preparedness; diversity; and more.

Single copy price: Free

Obtain an electronic copy from: <https://bhcoe.org/standard/bhcoe-standard-201-standards-guidelines-for-effective-applied-behavior-analysis-organizations/>

Send comments (copy psa@ansi.org) to: standards@bhcoe.org

Comment Deadline: October 25, 2021

BPI (Building Performance Institute)

107 Hermes Road, Suite 110, Malta, NY 12020 | standards@bpi.org, www.bpi.org

New Standard

BSR/BPI 1100-T-202X, Home Energy Auditing Standard (new standard)

This standard practice defines the minimum criteria for conducting a building science-based residential whole-building assessment as specified in this standard. The assessment shall include an audit that will address energy usage and limited aspects of building durability and occupant comfort, health, and safety. The audit report will provide a comprehensive list of prioritized recommendations to improve the energy efficiency of the home and to address related health and safety, comfort, and building durability issues as identified in this standard. The audit report will include a cost-benefit analysis. Residential building types covered in this standard are defined as: existing detached single-family dwellings, manufactured housing, townhouses, and condos; or as defined by the Authority Having Jurisdiction.

Single copy price: Free

Obtain an electronic copy from: standards@bpi.org

Send comments (copy psa@ansi.org) to: Susan Carson; standards@bpi.org

CTA (Consumer Technology Association)

1919 S. Eads Street, Arlington, VA 22202 | cakers@cta.tech, www.cta.tech

Revision

BSR/CTA 709.6-A-202x, Control Networking Protocol Specification - Part 6: Application Elements (revision and redesignation of ANSI/CTA 709.6-2015)

This Standard provides mechanisms through which various vendors of control networking systems may exchange information in a standardized way. This document contains all the information necessary to read and interpret the format of data and control information that is used by ANSI/CTA 709.5. It also defines the device interface for a device as specified, which is necessary to exchange data between various devices from different manufacturers.

Seeking users of control networking systems.

Single copy price: Free

Obtain an electronic copy from: standards@cta.tech

Order from: Catrina Akers; cakers@cta.tech

Send comments (copy psa@ansi.org) to: Same

ECIA (Electronic Components Industry Association)

13873 Park Center Road, Suite 315, Herndon, VA 20171 | ldonohoe@ecianow.org, www.ecianow.org

Reaffirmation

BSR/EIA 364-112-2010 (R202x), Contact Resistance and Current Rating of Parallel Circuits Test Procedure for Electrical Connectors, Contacts, and Sockets (reaffirmation of ANSI/EIA 364-112-2010 (R2016))

This procedure applies to connectors and sockets when multiple circuits are electrically connected in a parallel configuration and there is a need to determine the expected parallel resistance and or current rating.

Single copy price: \$84.00

Obtain an electronic copy from: global.ihs.com

Order from: Global Engineering Documents, (800) 854-7179, www.global.ihs.com

Send comments (copy psa@ansi.org) to: Edward Mikoski; emikoski@ecianow.org; ldonohoe@ecianow.org

Comment Deadline: October 25, 2021

ECIA (Electronic Components Industry Association)

13873 Park Center Road, Suite 315, Herndon, VA 20171 | Idonohoe@ecianow.org, www.ecianow.org

Reaffirmation

BSR/EIA 364-113-2010 (R202x), Corrosivity of Contacts Test Procedure for Electrical Connectors and Sockets (reaffirmation of ANSI/EIA 364-113-2010 (R2016))

This test procedure establishes a test method to determine whether corrosion products as a result of residual corrosive elements may be created on contact surfaces. Said products may be a result from improper cleaning or a lack of cleaning; improper processes; entrapped particulates; and so on.

Single copy price: \$75.00

Obtain an electronic copy from: global.ihs.com

Order from: Global Engineering Documents, (800) 854-7179, www.global.ihs.com

Send comments (copy psa@ansi.org) to: Edward Mikoski; emikoski@ecianow.org; Idonohoe@ecianow.org

ECIA (Electronic Components Industry Association)

13873 Park Center Road, Suite 315, Herndon, VA 20171 | Idonohoe@ecianow.org, www.ecianow.org

Reaffirmation

BSR/EIA 364-115-2016 (R202x), Current Overload Test Procedure for Electrical Connectors and Sockets (reaffirmation of ANSI/EIA 364-115-2016)

This standard establishes a test method to determine heating effects of current overload on connector and contact materials and to help identify the failure modes of current overload on these same materials.

Single copy price: \$75.00

Obtain an electronic copy from: global.ihs.com

Order from: Global Engineering Documents, (800) 854-7179, www.global.ihs.com

Send comments (copy psa@ansi.org) to: Edward Mikoski; emikoski@ecianow.org; Idonohoe@ecianow.org

ECIA (Electronic Components Industry Association)

13873 Park Center Road, Suite 315, Herndon, VA 20171 | Idonohoe@ecianow.org, www.ecianow.org

Reaffirmation

BSR/EIA 364-118-2016 (R202x), Thermal Shock Test Procedure for Hermetic Electrical Connectors and Sockets (reaffirmation of ANSI/EIA 364-118-2016)

This test standard establishes a test method for conducting a thermal shock test for an electrical hermetic connector and socket by exposing the connector or socket to low- and high-temperature water.

Single copy price: \$75.00

Obtain an electronic copy from: global.ihs.com

Order from: Global Engineering Documents, (800) 854-7179, www.global.ihs.com

Send comments (copy psa@ansi.org) to: Edward Mikoski; emikoski@ecianow.org; Idonohoe@ecianow.org

Comment Deadline: October 25, 2021

ECIA (Electronic Components Industry Association)

13873 Park Center Road, Suite 315, Herndon, VA 20171 | Idonohoe@ecianow.org, www.ecianow.org

Reaffirmation

BSR/EIA 364-1004A-2016 (R202x), Environmental Test Methodology for Verifying the Current Rating of Freestanding Power Contacts or Electrical Connectors and Sockets (reaffirmation of ANSI/EIA 364-1004A-2016)
This standard describes recommended test sequences for verifying the specified current rating of freestanding contacts or electrical connectors and sockets used in power applications. These sequences may be used for developmental purposes and not for qualifying products with a specified current rating.

Single copy price: \$76.00

Obtain an electronic copy from: global.ihs.com

Order from: Global Engineering Documents, (800) 854-7179, www.global.ihs.com

Send comments (copy psa@ansi.org) to: Edward Mikoski; emikoski@ecianow.org; Idonohoe@ecianow.org

ESTA (Entertainment Services and Technology Association)

271 Cadman Plaza, P.O. Box 23200, Brooklyn, NY 11202-3200 | standards@esta.org, www.esta.org

Reaffirmation

BSR E1.55-2016 (R202x), Standard for Theatrical Makeup Mirror Lighting (reaffirmation of ANSI E1.55-2016)
The standard offers recommendations and requirements for makeup mirror lighting in performer dressing rooms and similar locations. It defines a range of acceptable lamp CCTs and color-rendering ratings, and also specifies illumination levels and lighting angles for illuminating the performer's face while makeup is being applied.

Single copy price: Free

Obtain an electronic copy from: https://tsp.esta.org/tsp/documents/public_review_docs.php

Order from: Karl Ruling; standards@esta.org

Send comments (copy psa@ansi.org) to: Same

IES (Illuminating Engineering Society)

120 Wall Street, Floor 17, New York, NY 10005-4001 | pmcgillicuddy@ies.org, www.ies.org

New Standard

BSR/IES LP-13-202x, Lighting Practice: Introduction to Resilient Lighting (new standard)

For the purpose of this document, resilient design is defined as the ability to prepare and plan for, absorb, recover from, and more successfully adapt to adverse events. Emergency planning is not a new undertaking. However, with such high-profile events as Hurricane Katrina, Superstorm Sandy, and the COVID-19 pandemic, focused efforts to understand how the built environment can incorporate resiliency into homes, buildings, and infrastructure is a distinct goal. The purpose of this Lighting Practice document (LP) is to introduce the concept of resilient design and explain how lighting systems can support the goals of enhancing the resilience of buildings. The intent is to provide guidance on lighting performance, controls, and the characteristics of lighting equipment for resilient buildings.

Single copy price: \$25.00

Obtain an electronic copy from: pmcgillicuddy@ies.org

Send comments (copy psa@ansi.org) to: Patricia McGillicuddy; pmcgillicuddy@ies.org

Comment Deadline: October 25, 2021

IES (Illuminating Engineering Society)

120 Wall Street, Floor 17, New York, NY 10005-4001 | pmcgillicuddy@ies.org, www.ies.org

New Standard

BSR/IES TM-34 (38)-202x, Technical Memorandum for Recommendations for Measuring Tunable White Solid-State Lighting Products (new standard)

This document describes the parameters for measuring photometric and electrical characteristics of tunable white solid-state lighting products - including lamps, luminaires, and light engines - as covered by IES LM-79. It also describes a method for interpolating between measured data to obtain specified characteristics, including CCT range, Duv range, lumen output range (at full intensity control as the color changes), efficacy at maximum output, efficacy range, color rendition range (CIE Ra, CIE R9, IES Rf, IES Rg, IES Rcs,h1), and chromaticity coordinates (x, y, u', v').

Single copy price: \$25.00

Obtain an electronic copy from: pmcgillicuddy@ies.org

Send comments (copy psa@ansi.org) to: Patricia McGillicuddy; pmcgillicuddy@ies.org

IES (Illuminating Engineering Society)

120 Wall Street, Floor 17, New York, NY 10005-4001 | pmcgillicuddy@ies.org, www.ies.org

Revision

BSR/IES LS-1-202x, Lighting Science: Nomenclature and Definitions for Illuminating Engineering (revision of ANSI/IES LS 1-2020)

Provides new definitions for 46 lighting related terms and redefines 4 existing terms.

Single copy price: Free

Obtain an electronic copy from: pmcgillicuddy@ies.org

Send comments (copy psa@ansi.org) to: Patricia McGillicuddy; pmcgillicuddy@ies.org

IES (Illuminating Engineering Society)

120 Wall Street, Floor 17, New York, NY 10005-4001 | pmcgillicuddy@ies.org, www.ies.org

Revision

BSR/IES RP-8-202x, Recommended Practice: Design and Maintenance of Roadway and Parking Facility Lighting (revision of ANSI/IES RP-8-2018)

This Recommended Practice is intended to recommend proper techniques to allow motorists, pedestrians, and cyclists within the right-of-way to benefit from the value of lighting. If designed or installed improperly, the benefits of lighting may be reduced. Improper pole heights may lead to excessive spill light on adjacent properties. Poles placed within the clear zone without breakaway bases may pose safety concerns. Over-lighting may reduce visibility while consuming excessive amounts of energy.

Single copy price: \$50.00

Obtain an electronic copy from: pmcgillicuddy@ies.org

Send comments (copy psa@ansi.org) to: Patricia McGillicuddy; pmcgillicuddy@ies.org

Comment Deadline: October 25, 2021

NCPDP (National Council for Prescription Drug Programs)

9240 East Raintree Drive, Scottsdale, AZ 85260 | mweiker@ncdpd.org, www.ncdpd.org

Revision

BSR/NCPDP MR V07.04-202x, NCPDP Manufacturer Rebate Utilization, Plan, Formulary, Market Basket, and Reconciliation Flat File Standard v07.04 (revision and redesignation of ANSI/NCPDP MR v07.03-2019)

The Standard provides a standardized format for the electronic submission of rebate information from Pharmacy Management Organizations (PMOs) to Pharmaceutical Industry Contracting Organizations (PICOs). The four (4) file formats are intended to be used in an integrated manner, with the utilization file being supported by the plan, formulary, and market basket files. However, any of the four (4) files may be used independently. The Standard Flat File layouts provide detailed information on the file design and requirements for each of the four (4) files.

Single copy price: \$200.00 (Nonmembers)

Obtain an electronic copy from: mweiker@ncdpd.org

Send comments (copy psa@ansi.org) to: Margaret Weiker; mweiker@ncdpd.org

NCPDP (National Council for Prescription Drug Programs)

9240 East Raintree Drive, Scottsdale, AZ 85260 | mweiker@ncdpd.org, www.ncdpd.org

Revision

BSR/NCPDP Post Adj V53-202x, NCPDP Post Adjudication Standard V53 (revision and redesignation of ANSI/NCPDP Post Adj v52-2021)

The goal of this implementation guide is to support the development of a common format of post-adjudicated pharmacy claim data, which is used to meet the needs of the pharmacy industry to support the communication of patient pharmacy transaction data. The implementation of this standard will provide administrative efficiencies and allow for an industry standard to be used for all entities sharing historical health care data.

Single copy price: \$200.00 (Nonmembers)

Obtain an electronic copy from: mweiker@ncdpd.org

Send comments (copy psa@ansi.org) to: Margaret Weiker; mweiker@ncdpd.org

NCPDP (National Council for Prescription Drug Programs)

9240 East Raintree Drive, Scottsdale, AZ 85260 | mweiker@ncdpd.org, www.ncdpd.org

Revision

BSR/NCPDP Product Identifier v1.6-202x, NCPDP Product Identifier Standard v1.6 (revision and redesignation of ANSI/NCPDP Product Identifier v1.5-2019)

The goal of this standard is to ensure that any change to critical product identifiers is managed in a way that does not adversely affect patient safety, financial processes involving drug products, and the healthcare applications that currently use these identifiers. NCPDP discussed the unintended consequences that could result from changes to the structure of product identifiers and initiated a project to develop a standard that could be used to protect the intended use, format, and structure of product identifiers.

Single copy price: \$200.00 (Nonmembers)

Obtain an electronic copy from: mweiker@ncdpd.org

Send comments (copy psa@ansi.org) to: Margaret Weiker; mweiker@ncdpd.org

Comment Deadline: October 25, 2021

NCPDP (National Council for Prescription Drug Programs)

9240 East Raintree Drive, Scottsdale, AZ 85260 | mweiker@ncdpd.org, www.ncdpd.org

Revision

BSR/NCPDP SC WG110087202Yxx-202x, NCPDP SCRIPT Standard WG110087202Yxx (revision and redesignation of ANSI/NCPDP SC Standard v2021071-2021)

The standard provides general guidelines for developers of pharmacy or physician management systems who wish to provide prescription transmission functionality to their clients. The standard addresses the electronic transmission of new prescriptions, prescription refill requests, prescription fill status notifications, and cancellation notifications.

Single copy price: \$200.00 (Nonmembers)

Obtain an electronic copy from: mweiker@ncdpd.org

Send comments (copy psa@ansi.org) to: Margaret Weiker; mweiker@ncdpd.org

NCPDP (National Council for Prescription Drug Programs)

9240 East Raintree Drive, Scottsdale, AZ 85260 | mweiker@ncdpd.org, www.ncdpd.org

Revision

BSR/NCPDP Specialized Standard WG110087202Yxx-202x, NCPDP Specialized Standard WG110087202Yxx (revision and redesignation of ANSI/NCPDP Specialized Standard v2021071-2021)

The NCPDP Specialized Standard will house transactions that are not eprescribing but are part of the NCPDP XML environment. The standard provides general guidelines for developers of systems who wish to provide business functionality of these transactions to their clients. The guide describes a set of transactions and the implementation of these transactions.

Single copy price: \$200.00 (Nonmembers)

Obtain an electronic copy from: mweiker@ncdpd.org

Send comments (copy psa@ansi.org) to: Margaret Weiker; mweiker@ncdpd.org

NCPDP (National Council for Prescription Drug Programs)

9240 East Raintree Drive, Scottsdale, AZ 85260 | mweiker@ncdpd.org, www.ncdpd.org

Revision

BSR/NCPDP TC VF8-202x, NCPDP Telecommunication Standard Version F8 (revision and redesignation of ANSI/NCPDP TC vF7-2021)

The standard supports the format for electronic communication of pharmacy-service-related billing, prior authorization processing, and information reporting between pharmacies and other responsible parties. This standard addresses the data format and content, the transmission protocol, and other appropriate telecommunication requirements.

Single copy price: \$200.00 (Nonmembers)

Obtain an electronic copy from: mweiker@ncdpd.org

Send comments (copy psa@ansi.org) to: Margaret Weiker; mweiker@ncdpd.org

Comment Deadline: October 25, 2021

NEMA (ASC C136) (National Electrical Manufacturers Association)

1300 North 17th Street, Suite 900, Rosslyn, VA 22209 | David.Richmond@nema.org, www.nema.org

Revision

BSR C136.49-202X, Roadway and Area Lighting Equipment - Plasma Lighting (revision of ANSI C136.49-2016)

This standard defines the electrical and mechanical requirements of plasma-type light sources for use in roadway and area-lighting luminaires.

Single copy price: \$60.00

Obtain an electronic copy from: David.Richmond@nema.org

Order from: David Richmond; David.Richmond@nema.org

Send comments (copy psa@ansi.org) to: David Richmond; David.Richmond@nema.org

NFRC (National Fenestration Rating Council)

6305 Ivy Lane, Suite 140, Greenbelt, MD 20770 | jpadgett@nfr.org, www.nfr.org

Revision

BSR/NFRC 100-202x, Procedure for Determining Fenestration Product U-factors (revision of ANSI/NFRC 100-2020 E0A0)

This standard specifies a method for determining fenestration product U-factor (thermal transmittance).

Single copy price: Free

Obtain an electronic copy from: jpadgett@nfr.org

Send comments (copy psa@ansi.org) to: standards@nfr.org

NFRC (National Fenestration Rating Council)

6305 Ivy Lane, Suite 140, Greenbelt, MD 20770 | jpadgett@nfr.org, www.nfr.org

Revision

BSR/NFRC 200-202x, Procedure for Determining Fenestration Product Solar Heat Gain Coefficient and Visible Transmittance at Normal Incidence (revision of ANSI/NFRC 200-2020 E0A0)

To specify a method for calculating solar-heat gain coefficient (SHGC) and visible transmittance (VT) at normal (perpendicular) incidence for fenestration products containing glazings or glazing with applied films, with specular optical properties calculated in accordance with ISO 15099 (except where noted) or tested in accordance with NFRC 201, NFRC 202, and NFRC 203.

Single copy price: Free

Obtain an electronic copy from: jpadgett@nfr.org

Send comments (copy psa@ansi.org) to: standards@nfr.org

NFRC (National Fenestration Rating Council)

6305 Ivy Lane, Suite 140, Greenbelt, MD 20770 | jpadgett@nfr.org, www.nfr.org

Revision

BSR/NFRC 202-202x, Procedure for determining Translucent Fenestration Product Visible Transmittance at Normal Incidence (revision of ANSI/NFRC 202-2020)

To specify a test method for translucent panels to determine the visible transmittance (VT_{cog}) at normal (perpendicular) incidence in accordance with ASTM E972 and ASTM E1084 (except where noted).

Single copy price: Free

Obtain an electronic copy from: jpadgett@nfr.org

Send comments (copy psa@ansi.org) to: standards@nfr.org

Comment Deadline: October 25, 2021

NFRC (National Fenestration Rating Council)

6305 Ivy Lane, Suite 140, Greenbelt, MD 20770 | jpadgett@nfr.org, www.nfr.org

Revision

BSR/NFRC 203-202x, Procedure for Determining Visible Transmittance of Tubular Daylighting Devices (revision of ANSI/NFRC 203-2020)

To specify a method for measuring the visible transmittance (VT) of Tubular Daylighting Devices (TDD) at an NFRC pre-determined set of representative annual solar incidence angles in accordance with ASTM E1175 (except where noted), and determining the annual visible transmittance rating (VT_{annual}) according to a prescribed weighted-average method.

Single copy price: Free

Obtain an electronic copy from: jpadgett@nfr.org

Send comments (copy psa@ansi.org) to: standards@nfr.org

NFRC (National Fenestration Rating Council)

6305 Ivy Lane, Suite 140, Greenbelt, MD 20770 | jpadgett@nfr.org, www.nfr.org

Revision

BSR/NFRC 400-202x, Procedure for Determining Fenestration Product Air Leakage (revision of ANSI/NFRC 400-2020)

To specify a procedure for determining fenestration product air leakage.

Single copy price: Free

Obtain an electronic copy from: jpadgett@nfr.org

Send comments (copy psa@ansi.org) to: standards@nfr.org

NFRC (National Fenestration Rating Council)

6305 Ivy Lane, Suite 140, Greenbelt, MD 20770 | jpadgett@nfr.org, www.nfr.org

Revision

BSR/NFRC 500-202x, Procedure for Determining Fenestration Product Condensation Index Ratings (revision of ANSI/NFRC 500-2020)

This procedure provides a Condensation Index rating for windows, fully glazed doors, curtain wall systems, site-built products, sloped glazing systems, skylights, Dynamic Glazing Products, and other fenestration products.

Single copy price: Free

Obtain an electronic copy from: jpadgett@nfr.org

Send comments (copy psa@ansi.org) to: standards@nfr.org

Comment Deadline: October 25, 2021

SCTE (Society of Cable Telecommunications Engineers)

140 Philips Rd, Exton, PA 19341 | kcooney@scte.org, www.scte.org

New Standard

BSR/SCTE 272-202x, Standardized Loading for Reverse-Path Bit Error Ratio Testing (new standard)

This document provides details on channel-loading bandwidth and modulation specifics for pre/post bit error ratio (BER) measurements. This document is intended to be used in conjunction with ANSI/SCTE 132, Test Method for Reverse Path (Upstream) Bit Error Ratio. This document does not detail the procedure to measure BER nor the test methodology. This document is intended for measurement of 75-ohm devices having type "F" or 5/8-24 KS connectors. See the Cable Telecommunications Testing Guidelines document, ANSI/SCTE 96, for a discussion of the proper testing techniques.

Single copy price: \$50.00

Obtain an electronic copy from: admin@standards.scte.org

Send comments (copy psa@ansi.org) to: admin@standards.scte.org

UL (Underwriters Laboratories)

12 Laboratory Drive, Research Triangle Park, NC 27709-3995 | Casey.Granata@ul.org, <https://ul.org/>

National Adoption

BSR/UL 60947-1-202x, Standard for safety for Low-Voltage Switchgear and Controlgear - Part 1: General Rules (national adoption of IEC 60947-1 with modifications and revision of ANSI/UL 60947-1-2013 (R2019))

Recirculation of the proposed adoption of the Standard for Low-Voltage Switchgear and Controlgear - Part 1: General Rules, UL 60947-1 as a tri-national standard including Amendment 1 and Amendment 2 of IEC 60947-1.

Single copy price: Contact comm2000 for pricing and delivery options

Obtain an electronic copy from: <https://csds.ul.com/Home/ProposalsDefault.aspx>

Order from: <http://www.shopulstandards.com>

Send comments (copy psa@ansi.org) to: Follow the instructions in the following website to enter comments into the CSDS Work Area: <https://csds.ul.com/Home/ProposalsDefault.aspx>

UL (Underwriters Laboratories)

12 Laboratory Drive, Research Triangle Park, NC 27709-3995 | Casey.Granata@ul.org, <https://ul.org/>

National Adoption

BSR/UL 60947-4-1-202x, Standard for Safety for Low-Voltage Switchgear and Controlgear - Part 4-1: Contactors and Motor-Starters - Electromechanical Contactors and Motor-Starters (national adoption of IEC 60947-4-1 with modifications and revision of ANSI/UL 60947-4-1-2017)

Recirculation of the proposed adoption of the third edition of Standard for Low-Voltage Switchgear and Controlgear – Part 4-1: Contactors and motor-starters – Electromechanical contactors and motor-starters, UL 60947-4-1, including Amendment 1.

Single copy price: Contact comm2000 for pricing and delivery options

Obtain an electronic copy from: <https://csds.ul.com/Home/ProposalsDefault.aspx>

Order from: <http://www.shopulstandards.com>

Send comments (copy psa@ansi.org) to: Follow the instructions in the following website to enter comments into the CSDS Work Area: <https://csds.ul.com/Home/ProposalsDefault.aspx>

Comment Deadline: October 25, 2021

UL (Underwriters Laboratories)

12 Laboratory Drive, Research Triangle Park, NC 27709-3995 | Casey.Granata@ul.org, <https://ul.org/>

National Adoption

BSR/UL 60947-4-2-202x, Standard for safety for Low-Voltage Switchgear and Controlgear - Part 4-2: Contactors and Motor-Starters - AC Semiconductor Motor Controllers and Starters (national adoption of IEC 60947-4-2 with modifications and revision of ANSI/UL 60947-4-2-2014)

Recirculation of the proposed adoption of the third edition of Standard for Low-Voltage Switchgear and Controlgear - Part 4-2: Contactors and motor-starters - AC semiconductor motor controllers and starters, UL 60947-4-2 with national deviations as a tri-national standard.

Single copy price: Contact comm2000 for pricing and delivery options

Obtain an electronic copy from: <https://csds.ul.com/Home/ProposalsDefault.aspx>

Order from: <http://www.shopulstandards.com>

Send comments (copy psa@ansi.org) to: Follow the instructions in the following website to enter comments into the CSDS Work Area: <https://csds.ul.com/Home/ProposalsDefault.aspx>

UL (Underwriters Laboratories)

333 Pflugsten Road, Northbrook, IL 60062-2096 | mitchell.gold@ul.org, <https://ul.org/>

New Standard

BSR/UL 486L-202x, Standard for Safety for Large Ferrules (new standard)

This standard applies to bare and covered ferrules intended for field wiring and factory wiring for use in accordance with the National Electrical Code, ANSI/NFPA-70, and Canadian Electrical Code, Part I, CSA C22.1. Ferrules covered by this standard are intended to facilitate the connection of stranded wire onto devices, such as terminal blocks and mechanical wire connectors, and to treat stripped wire and prevent turned-back strands during installation. These ferrules are intended to be terminated in wire connection devices rated for copper Class B and C conductors. These ferrules are suitable for use with 2/0 AWG to 750 kcmil, 70 mm² to 380 mm² copper conductors that are more finely stranded than Class B or C conductors. These ferrules are intended for use in aluminum and copper body mechanical connectors with dome- and conical-shaped screws that apply direct pressure to the conductor being terminated.

Single copy price: Free

Obtain an electronic copy from: <https://csds.ul.com/Home/ProposalsDefault.aspx>

Order from: <http://www.shopulstandards.com>

Send comments (copy psa@ansi.org) to: Follow the instructions in the following website to enter comments into the CSDS Work Area: <https://csds.ul.com/Home/ProposalsDefault.aspx>

UL (Underwriters Laboratories)

47173 Benicia Street, Fremont, CA 94538 | Linda.L.Phinney@ul.org, <https://ul.org/>

Reaffirmation

BSR/UL 83A-2016 (R202x), Standard for Safety for Fluoropolymer Insulated Wire (reaffirmation of ANSI/UL 83A-2016)

Reaffirm current standard.

Single copy price: Free

Obtain an electronic copy from: <https://csds.ul.com/Home/ProposalsDefault.aspx>

Order from: <http://www.shopulstandards.com>

Send comments (copy psa@ansi.org) to: Follow the instructions in the following website to enter comments into the CSDS Work Area: <https://csds.ul.com/Home/ProposalsDefault.aspx>

Comment Deadline: October 25, 2021

UL (Underwriters Laboratories)

47173 Benicia Street, Fremont, CA 94538 | Derrick.L.Martin@ul.org, <https://ul.org/>

Reaffirmation

BSR/UL 2748A-2017 (R202x), Standard for Safety for Arcing Fault Interrupting Devices (reaffirmation of ANSI/UL 2748A-2017)

This proposal is a reaffirmation and continuance of the first edition of the Standard for Arcing Fault Interrupting Devices, UL 2748A, as a standard.

Single copy price: Free

Obtain an electronic copy from: <https://csds.ul.com/Home/ProposalsDefault.aspx>

Order from: <http://www.shopulstandards.com>

Send comments (copy psa@ansi.org) to: Follow the instructions in the following website to enter comments into the CSDS Work Area: <https://csds.ul.com/Home/ProposalsDefault.aspx>

Comment Deadline: November 9, 2021

ASME (American Society of Mechanical Engineers)

Two Park Avenue, 6th Floor, New York, NY 10016-5990 | ansibox@asme.org, www.asme.org

New Standard

BSR/ASME VVUQ 10.2-202x, The Role of Uncertainty Quantification in Verification and Validation of Computational Solid Mechanics Models (new standard)

The objectives of this Standard are to: (1) define and clarify the role of uncertainty quantification (UQ) as part of the verification, validation, and uncertainty quantification (VVUQ) process, (2) provide guidance for the use of UQ in VVUQ activities, and (3) acknowledge the importance of UQ in decision making.

Single copy price: Free

Order from: <https://cstools.asme.org/csconnect/PublicReviewPage.cfm>

Send comments (copy psa@ansi.org) to: Michelle Pagano; paganom@asme.org

ASME (American Society of Mechanical Engineers)

Two Park Avenue, 6th Floor, New York, NY 10016-5990 | ansibox@asme.org, www.asme.org

Revision

BSR/ASME BPE-202x, Bioprocessing Equipment (revision of ANSI/ASME BPE-2019)

The ASME BPE Standard provides requirements for systems and components that are subject to cleaning and sanitization and/or sterilization including systems that are cleaned in place (CIP'd) and/or steamed in place (SIP'd) and/or other suitable processes used in the manufacturing of biopharmaceuticals. This Standard also provides requirements for single-use systems and components used in the above-listed systems and components. The ASME Bioprocessing Equipment Standard was developed to aid in the design and construction of new fluid processing equipment used in the manufacture of biopharmaceuticals, where a defined level of purity and bioburden control is required.

Single copy price: Free

Order from: <https://cstools.asme.org/csconnect/PublicReviewPage.cfm>

Send comments (copy psa@ansi.org) to: Paul Stumpf; stumpfp@asme.org

Comment Deadline: November 9, 2021

ITI (INCITS) (InterNational Committee for Information Technology Standards)

700 K Street NW, Suite 600, Washington, DC 20001 | comments@standards.incits.org, www.incits.org

New Standard

BSR INCITS 503-202x, Information technology - SCSI Stream Commands - 5 (SSC-5) (new standard)

The SCSI Stream Commands - 5 standard will be based on the SCSI Stream Commands - 4 standard that provides the model and command sets for the sequential-access device type. The model and command sets may be implemented on multiple transport protocols. The following items should be considered for inclusion into SSC-5: (1) Continuation and enhancement of the sequential-access device type model; (2) continuation and enhancement of the explicit address command set; (3) continuation and enhancement of the implicit address command set; (4) Continuation of TapeAlert standardization; (5) Addition of additional data protection algorithm(s) and associated behavior; etc.

Single copy price: Free

Obtain an electronic copy from: https://standards.incits.org/apps/group_public/document.php?document_id=133395&wg_abbrev=eb

Order from: https://standards.incits.org/apps/group_public/document.php?document_id=133395&wg_abbrev=eb

Send comments (copy psa@ansi.org) to: comments@standards.incits.org

WMMA (ASC 01) (Wood Machinery Manufacturers of America)

2331 Rock Spring Road, Forest Hill, MD 21050 | nikki@wmma.org, www.wmma.org

Reaffirmation

BSR/WMMA O1.1-1-2015 (R202x), Safety Requirements for Fixed-Angle Jump Saws (reaffirmation of ANSI/WMMA O1.1-1-2015)

This standard covers the safety requirements for the design, installation, care and use of single-blade, non-adjustable cut-angle jump saws and certain related accessory equipment, used in industrial and commercial applications, having a total connected power of 5 hp (3.7 KW) or greater, or having 3-phase wiring.

Single copy price: Free

Obtain an electronic copy from: nikki@wmma.org

Send comments (copy psa@ansi.org) to: Nikki Augsburger; nikki@wmma.org

WMMA (ASC 01) (Wood Machinery Manufacturers of America)

2331 Rock Spring Road, Forest Hill, MD 21050 | nikki@wmma.org, www.wmma.org

Reaffirmation

BSR/WMMA O1.1-3-2014 (R202x), Safety Requirements for CNC Machining Centers for the Woodworking Industry (reaffirmation of ANSI/WMMA O1.1-3-2014)

This standard covers the safety requirements for the design, installation, care, and use of CNC Machining Centers, used in industrial and commercial applications, having a total connected power of 5 hp (3.7 KW) or greater, or having a 3-phase wiring.

Single copy price: Free

Obtain an electronic copy from: nikki@wmma.org

Send comments (copy psa@ansi.org) to: Nikki Augsburger; nikki@wmma.org

Comment Deadline: November 9, 2021

WMMA (ASC 01) (Wood Machinery Manufacturers of America)

2331 Rock Spring Road, Forest Hill, MD 21050 | nikki@wmma.org, www.wmma.org

Reaffirmation

BSR/WMMA O1.1-4-2015 (R202x), Safety Requirements for Shapers (reaffirmation of ANSI/WMMA O1.1-4-2015)

This standard covers the safety requirements for the design, installation, care, and use of shapers and accessory equipment used in industrial and commercial applications, having a total connected power of 5HP (3.7kw) or greater, or having 3-phase wiring.

Single copy price: Free

Obtain an electronic copy from: nikki@wmma.org

Send comments (copy psa@ansi.org) to: Nikki Augsburger; nikki@wmma.org

Project Withdrawn

In accordance with clause 4.2.1.3.3 Discontinuance of a standards project of the ANSI Essential Requirements, an accredited standards developer may abandon the processing of a proposed new or revised American National Standard or portion thereof if it has followed its accredited procedures. The following projects have been withdrawn accordingly:

ASME (American Society of Mechanical Engineers)

Two Park Avenue, M/S 6-2B, New York, NY 10016-5990 | ansibox@asme.org, www.asme.org

BSR/ASME PTC 38-202x, Determining the Concentration of Particulate Matter in a Gas Stream (new standard)

Inquiries may be directed to Terrell Henry; ansibox@asme.org

SSPC (The Society for Protective Coatings)

40 24th Street 6th Floor, Pittsburgh, PA 15235-4656 | beggs@sspc.org, www.sspc.org

BSR/SSPC-CS 23.00/AWS C2.23M/C2.23/NACE No. 12-202x, Specification for the Application of Thermal Spray Coatings (Metallizing) of Aluminum, Zinc, and Their Alloys and Composites for the Corrosion Protection of Steel (new standard)

Inquiries may be directed to Aimee Beggs; beggs@sspc.org

Withdrawal of an ANS by ANSI-Accredited Standards Developer

In accordance with clause 4.2.1.3.2 Withdrawal by ANSI-Accredited Standards Developer of the ANSI Essential Requirements, the following American National Standards have been withdrawn as an ANS.

HL7 (Health Level Seven)

3300 Washtenaw Avenue, Suite 227, Ann Arbor, MI 48104 | Karenvan@HL7.org, www.hl7.org

ANSI/HL7 CMS V1.6-2011 (R2016), HL7 Context Management Specification, Version 1.6

Questions may be directed to: Karen Van Hentenryck; Karenvan@HL7.org

Final Actions on American National Standards

The standards actions listed below have been approved by the ANSI Board of Standards Review (BSR) or by an ANSI-Audited Designator, as applicable.

APCO (Association of Public-Safety Communications Officials-International)

351 N. Williamson Boulevard, Daytona Beach, FL 32114 | Bixlerm@apcointl.org, www.apcointl.org

New Standard

ANSI/APCO 1.120.1-2021, Crisis Intervention Techniques and Call Handling Procedures for Public Safety Telecommunicators (new standard) Final Action Date: 8/31/2021

ASHRAE (American Society of Heating, Refrigerating and Air-Conditioning Engineers, Inc.)

180 Technology Parkway, Peachtree Corners, GA 30092 | cking@ashrae.org, www.ashrae.org

Addenda

ANSI/ASHRAE Addendum cd to ANSI/ASHRAE Standard 135-2020, BACnet - A Data Communication Protocol for Building Automation and Control Networks (addenda to ANSI/ASHRAE Standard 135-2016) Final Action Date: 8/31/2021

Addenda

ANSI/ASHRAE Addendum f to ANSI/ASHRAE Standard 90.4-2019, Energy Standard for Data Centers (addenda to ANSI/ASHRAE Standard 90.4-2016) Final Action Date: 8/31/2021

Addenda

ANSI/ASHRAE/IES Addendum ad to ANSI/ASHRAE/IES Standard 90.1-2019, Energy Standard for Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/IES Standard 90.1-2019) Final Action Date: 8/31/2021

Addenda

ANSI/ASHRAE/IES Addendum ae to ANSI/ASHRAE/IES Standard 90.1-2019, Energy Standard for Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/IES Standard 90.1-2019) Final Action Date: 8/31/2021

Addenda

ANSI/ASHRAE/IES Addendum ah to ANSI/ASHRAE/IES Standard 90.1-2019, Energy Standard for Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/IES Standard 90.1-2019) Final Action Date: 8/31/2021

AWWA (American Water Works Association)

6666 W. Quincy Avenue, Denver, CO 80235 | polson@awwa.org, www.awwa.org

Revision

ANSI/AWWA C903-2021, Polyethylene-Aluminum-Polyethylene (PE-AL-PE) Composite Pressure Pipe, 12 mm (1/2 In.) Through 51 mm (2 In.), for Water Service (revision of ANSI/AWWA C903-2016) Final Action Date: 8/31/2021

CPLSO

The Marchioness Building, Commercial Road, Bristol BS16TG, UK BS1 6TG | pratt.hugh@cplso.org

New Standard

ANSI/CPLSO 18-2021, Crane Insulators - Selection, use, and maintenance (new standard) Final Action Date: 8/31/2021

Reaffirmation

ANSI/CPLSO 15-2017 (R2021), Proximity Warning Devices (reaffirmation of ANSI/CPLSO 15-2017) Final Action Date: 8/31/2021

ITI (INCITS) (InterNational Committee for Information Technology Standards)

700 K Street NW, Suite 600, Washington, DC 20001 | comments@standards.incits.org, www.incits.org

National Adoption

INCITS/ISO/IEC 13818-1:2019/AM1:2020 [2021], Information technology - Generic coding of moving pictures and associated audio information - Part 1: Systems - Amendment 1: Carriage of JPEG XS in MPEG-2 TS (identical national adoption of ISO/IEC 13818-1:2019/AM1:2020) Final Action Date: 8/31/2021

National Adoption

INCITS/ISO/IEC 13818-1:2019/COR1:2020 [2021], Information technology - Generic coding of moving pictures and associated audio information - Part 1: Systems - Technical Corrigendum 1 (identical national adoption of ISO/IEC 13818-1:2019/COR1:2020) Final Action Date: 8/31/2021

National Adoption

INCITS/ISO/IEC 14496-3:2019 [2021], Information technology - Coding of audio-visual objects - Part 3: Audio (identical national adoption of ISO/IEC 14496-3:2019 and revision of INCITS/ISO/IEC 14496-3:2009 [R2017]) Final Action Date: 8/31/2021

National Adoption

INCITS/ISO/IEC 14496-10:2020 [2021], Information technology - Coding of audio-visual objects - Part 10: Advanced video coding (identical national adoption of ISO/IEC 14496-10:2020 and revision of INCITS/ISO/IEC 14496-10:2014 [R2020]) Final Action Date: 8/31/2021

National Adoption

INCITS/ISO/IEC 14496-12:2020 [2021], Information technology - Coding of audio-visual objects - Part 12: ISO base media file format (identical national adoption of ISO/IEC 14496-12:2020 and revision of INCITS/ISO/IEC 14496-12:2015 [2019]) Final Action Date: 8/31/2021

National Adoption

INCITS/ISO/IEC 14496-14:2020 [2021], Information technology - Coding of audio-visual objects - Part 14: MP4 file format (identical national adoption of ISO/IEC 14496-14:2020 and revision of INCITS/ISO/IEC 14496-14:2003 [R2018]) Final Action Date: 8/31/2021

National Adoption

INCITS/ISO/IEC 14496-26:2010 [2021], Information technology - Coding of audio-visual objects - Part 26: Audio conformance (identical national adoption of ISO/IEC 14496-26:2010) Final Action Date: 8/31/2021

National Adoption

INCITS/ISO/IEC 14496-30:2018 [2021], Information technology - Coding of audio-visual objects - Part 30: Timed text and other visual overlays in ISO base media file format (identical national adoption of ISO/IEC 14496-30:2018) Final Action Date: 8/31/2021

National Adoption

INCITS/ISO/IEC 14496-33:2019 [2021], Information technology - Coding of audio-visual objects - Part 33: Internet video coding (identical national adoption of ISO/IEC 14496-33:2019) Final Action Date: 8/31/2021

National Adoption

INCITS/ISO/IEC 14496-15:2019/AM1:2020 [2021], Information technology - Coding of audio-visual objects - Part 15: Carriage of network abstraction layer (NAL) unit structured video in the ISO base media file format - Amendment 1: Improved support for tiling and layering (identical national adoption of ISO/IEC 14496-15:2019/AM1:2020) Final Action Date: 8/31/2021

ITI (INCITS) (InterNational Committee for Information Technology Standards)

700 K Street NW, Suite 600, Washington, DC 20001 | comments@standards.incits.org, www.incits.org

National Adoption

INCITS/ISO/IEC 14496-16:2011/AM4:2017 [2021], Information technology - Coding of audio-visual objects - Part 16: Animation Framework eXtension (AFX) - Amendment 4: Pattern-based 3D mesh coding (PB3DMC) (identical national adoption of ISO/IEC 14496-16:2011/AM4:2017) Final Action Date: 8/31/2021

National Adoption

INCITS/ISO/IEC 14496-22:2019/AM1:2020 [2021], Information technology - Coding of audio-visual objects - Part 22: Open Font Format - Amendment 1: Color font technology and other updates (identical national adoption of ISO/IEC 14496-22:2019/AM1:2020) Final Action Date: 8/31/2021

National Adoption

INCITS/ISO/IEC 14496-26:2010/AM5:2018 [2021], Information technology - Coding of audio-visual objects - Part 26: Audio conformance - Amendment 5: Conformance for new levels of ALS simple profile, SBR enhancements (identical national adoption of ISO/IEC 14496-26:2010/AM5:2018) Final Action Date: 8/31/2021

National Adoption

INCITS/ISO/IEC 14496-4:2004/AM46:2019 [2021], Information technology - Coding of audio-visual objects - Part 4: Conformance testing - Amendment 46: Conformance testing for internet video coding (identical national adoption of ISO/IEC 14496-4:2004/AM46:2019) Final Action Date: 8/31/2021

National Adoption

INCITS/ISO/IEC 14496-5:2001/AM24:2009 [2021], Information technology - Coding of audio-visual objects - Part 5: Reference software - Amendment 24: Reference software for AAC-ELD (identical national adoption of ISO/IEC 14496-5:2001/AM24:2009) Final Action Date: 8/31/2021

National Adoption

INCITS/ISO/IEC 14496-5:2001/AM40:2019 [2021], Information technology - Coding of audio-visual objects - Part 5: Reference software - Amendment 40: Printing material and 3D graphics coding for browsers reference software (identical national adoption of ISO/IEC 14496-5:2001/AM40:2019) Final Action Date: 8/31/2021

National Adoption

INCITS/ISO/IEC 14496-5:2001/AM41:2019 [2021], Information technology - Coding of audio-visual objects - Part 5: Reference software - Amendment 41: Reference software for Internet video coding (identical national adoption of ISO/IEC 14496-5:2001/AM41:2019) Final Action Date: 8/31/2021

National Adoption

INCITS/ISO/IEC 14496-5:2001/AM42:2017 [2021], Information technology - Coding of audio-visual objects - Part 5: Reference software - Amendment 42: Reference software for the alternative depth information SEI message extension of AVC (identical national adoption of ISO/IEC 14496-5:2001/AM42:2017) Final Action Date: 8/31/2021

National Adoption

INCITS/ISO/IEC 14496-5:2001/AM43:2018 [2021], Information technology - Coding of audio-visual objects - Part 5: Reference software - Amendment 43: New levels of ALS simple profile, SBR enhancements (identical national adoption of ISO/IEC 14496-5:2001/AM43:2018) Final Action Date: 8/31/2021

National Adoption

INCITS/ISO/IEC 14496-5:2001/AM24:2009/COR3:2017 [2021], Information technology - Coding of audio-visual objects - Part 5: Reference software - Amendment 24: Reference software for AAC-ELD - Technical Corrigendum 3 (identical national adoption of ISO/IEC 14496-5:2001/AM24:2009/COR3:2017) Final Action Date: 8/31/2021

ITI (INCITS) (InterNational Committee for Information Technology Standards)

700 K Street NW, Suite 600, Washington, DC 20001 | comments@standards.incits.org, www.incits.org

National Adoption

INCITS/ISO/IEC 15444-15:2019 [2021], Information technology - JPEG 2000 image coding system - Part 15: High-Throughput JPEG 2000 (identical national adoption of ISO/IEC 15444-15:2019) Final Action Date: 8/31/2021

National Adoption

INCITS/ISO/IEC 15444-16:2019 [2021], Information technology - JPEG 2000 image coding system - Part 16: Encapsulation of JPEG 2000 Images into ISO/IEC 23008-12 (identical national adoption of ISO/IEC 15444-16:2019) Final Action Date: 8/31/2021

National Adoption

INCITS/ISO/IEC 15938-6:2020 [2021], Information technology - Multimedia content description interface - Part 6: Reference software (identical national adoption of ISO/IEC 15938-6:2020 and revision of INCITS/ISO/IEC 15938-6:2003 [R2018])

INCITS/ISO/IEC 15938-6:2003/AM1:2006 [R2019]

INCITS/ISO/IEC 15938-6:2003/AM2:2007 [R2019]) Final Action Date: 8/31/2021

National Adoption

INCITS/ISO/IEC 15938-14:2018 [2021], Information technology - Multimedia content description interface - Part 14: Reference software, conformance and usage guidelines for compact descriptors for visual search (identical national adoption of ISO/IEC 15938-14:2018) Final Action Date: 8/31/2021

National Adoption

INCITS/ISO/IEC 18477-1:2020 [2021], Information technology - Scalable compression and coding of continuous-tone still images - Part 1: Core coding system specification (identical national adoption of ISO/IEC 18477-1:2020) Final Action Date: 8/31/2021

National Adoption

INCITS/ISO/IEC 18477-4:2017 [2021], Information technology - Scalable compression and coding of continuous-tone still images - Part 4: Conformance testing (identical national adoption of ISO/IEC 18477-4:2017) Final Action Date: 8/31/2021

National Adoption

INCITS/ISO/IEC 18477-5:2018 [2021], Information technology - Scalable compression and coding of continuous-tone still images - Part 5: Reference software (identical national adoption of ISO/IEC 18477-5:2018) Final Action Date: 8/31/2021

National Adoption

INCITS/ISO/IEC 18477-7:2017 [2021], Information technology - Scalable compression and coding of continuous-tone still images - Part 7: HDR Floating-Point Coding (identical national adoption of ISO/IEC 18477-7:2017) Final Action Date: 8/31/2021

National Adoption

INCITS/ISO/IEC 18477-8:2020 [2021], Information technology - Scalable compression and coding of continuous-tone still images - Part 8: Lossless and near-lossless coding (identical national adoption of ISO/IEC 18477-8:2020) Final Action Date: 8/31/2021

National Adoption

INCITS/ISO/IEC 19566-4:2020 [2021], Information technologies - JPEG systems - Part 4: Privacy and security (identical national adoption of ISO/IEC 19566-4:2020) Final Action Date: 8/31/2021

ITI (INCITS) (InterNational Committee for Information Technology Standards)

700 K Street NW, Suite 600, Washington, DC 20001 | comments@standards.incits.org, www.incits.org

National Adoption

INCITS/ISO/IEC 19566-5:2019 [2021], Information technologies - JPEG systems - Part 5: JPEG universal metadata box format (JUMBF) (identical national adoption of ISO/IEC 19566-5:2019) Final Action Date: 8/31/2021

National Adoption

INCITS/ISO/IEC 19566-6:2019 [2021], Information technologies - JPEG systems - Part 6: JPEG 360 (identical national adoption of ISO/IEC 19566-6:2019) Final Action Date: 8/31/2021

National Adoption

INCITS/ISO/IEC 21000-19:2010 [2021], Information technology - Multimedia framework (MPEG-21) - Part 19: Media Value Chain Ontology (identical national adoption of ISO/IEC 21000-19:2010) Final Action Date: 8/31/2021

National Adoption

INCITS/ISO/IEC 21000-21:2017 [2021], Information technology - Multimedia framework (MPEG-21) - Part 21: Media contract ontology (identical national adoption of ISO/IEC 21000-21:2017) Final Action Date: 8/31/2021

National Adoption

INCITS/ISO/IEC 21000-8:2008/AM4:2018 [2021], Information technology - Multimedia framework (MPEG-21) - Part 8: Reference software - Amendment 4: Media value chain ontology extensions on time-segments and multi-track audio (identical national adoption of ISO/IEC 21000-8:2008/AM4:2018) Final Action Date: 8/31/2021

National Adoption

INCITS/ISO/IEC 21000-19:2010/AM1:2018 [2021], Information technology - Multimedia framework (MPEG-21) - Part 19: Media Value Chain Ontology - Amendment 1: Extensions on time-segments and multi-track audio (identical national adoption of ISO/IEC 21000-19:2010/AM1:2018) Final Action Date: 8/31/2021

National Adoption

INCITS/ISO/IEC 21122-4:2020 [2021], Information technology - JPEG XS low-latency lightweight image coding system - Part 4: Conformance testing (identical national adoption of ISO/IEC 21122-4:2020) Final Action Date: 8/31/2021

National Adoption

INCITS/ISO/IEC 21122-5:2020 [2021], Information technology - JPEG XS low-latency lightweight image coding system - Part 5: Reference software (identical national adoption of ISO/IEC 21122-5:2020) Final Action Date: 8/31/2021

National Adoption

INCITS/ISO/IEC 21794-1:2020 [2021], Information technology - Plenoptic image coding system (JPEG Pleno) - Part 1: Framework (identical national adoption of ISO/IEC 21794-1:2020) Final Action Date: 8/31/2021

National Adoption

INCITS/ISO/IEC 23000-13:2017 [2021], Information technology - Multimedia application format (MPEG-A) - Part 13: Augmented reality application format (identical national adoption of ISO/IEC 23000-13:2017) Final Action Date: 8/31/2021

National Adoption

INCITS/ISO/IEC 23000-15:2016 [2021], Information technology - Multimedia application format (MPEG-A) - Part 15: Multimedia preservation application format (identical national adoption of ISO/IEC 23000-15:2016) Final Action Date: 8/31/2021

National Adoption

INCITS/ISO/IEC 23000-16:2018 [2021], Information technology - Multimedia application format (MPEG-A) - Part 16: Publish/subscribe application format (identical national adoption of ISO/IEC 23000-16:2018) Final Action Date: 8/31/2021

ITI (INCITS) (InterNational Committee for Information Technology Standards)

700 K Street NW, Suite 600, Washington, DC 20001 | comments@standards.incits.org, www.incits.org

National Adoption

INCITS/ISO/IEC 23000-17:2018 [2021], Information technology - Multimedia application format (MPEG-A) - Part 17: Multiple sensorial media application format (identical national adoption of ISO/IEC 23000-17:2018) Final Action Date: 8/31/2021

National Adoption

INCITS/ISO/IEC 23000-18:2018 [2021], Information technology - Multimedia application formats (MPEG-A) - Part 18: Media linking application format (identical national adoption of ISO/IEC 23000-18:2018) Final Action Date: 8/31/2021

National Adoption

INCITS/ISO/IEC 23000-19:2020 [2021], Information technology - Multimedia application format (MPEG-A) - Part 19: Common media application format (CMAF) for segmented media (identical national adoption of ISO/IEC 23000-19:2020) Final Action Date: 8/31/2021

National Adoption

INCITS/ISO/IEC 23000-21:2019 [2021], Information technology - Multimedia application format (MPEG-A) - Part 21: Visual identity management application format (identical national adoption of ISO/IEC 23000-21:2019) Final Action Date: 8/31/2021

National Adoption

INCITS/ISO/IEC 23000-22:2019 [2021], Information technology - Multimedia application format (MPEG-A) - Part 22: Multi-image application format (MIAF) (identical national adoption of ISO/IEC 23000-22:2019) Final Action Date: 8/31/2021

National Adoption

INCITS/ISO/IEC 23000-15:2016/AM1:2017 [2021], Information technology - Multimedia application format (MPEG-A) - Part 15: Multimedia preservation application format - Amendment 1: Implementation guidelines for MP-AF (identical national adoption of ISO/IEC 23000-15:2016/AM1:2017) Final Action Date: 8/31/2021

National Adoption

INCITS/ISO/IEC 23001-4:2017 [2021], Information technology - MPEG systems technologies - Part 4: Codec configuration representation (identical national adoption of ISO/IEC 23001-4:2017) Final Action Date: 8/31/2021

National Adoption

INCITS/ISO/IEC 23001-7:2016 [2021], Information technology - MPEG systems technologies - Part 7: Common encryption in ISO base media file format files (identical national adoption of ISO/IEC 23001-7:2016) Final Action Date: 8/31/2021

National Adoption

INCITS/ISO/IEC 23001-10:2020 [2021], Information technology - MPEG systems technologies - Part 10: Carriage of timed metadata metrics of media in ISO base media file format (identical national adoption of ISO/IEC 23001-10:2020) Final Action Date: 8/31/2021

National Adoption

INCITS/ISO/IEC 23001-11:2019 [2021], Information technology - MPEG systems technologies - Part 11: Energy-efficient media consumption (green metadata) (identical national adoption of ISO/IEC 23001-11:2019) Final Action Date: 8/31/2021

National Adoption

INCITS/ISO/IEC 23001-12:2018 [2021], Information technology - MPEG systems technologies - Part 12: Sample variants (identical national adoption of ISO/IEC 23001-12:2018) Final Action Date: 8/31/2021

ITI (INCITS) (InterNational Committee for Information Technology Standards)

700 K Street NW, Suite 600, Washington, DC 20001 | comments@standards.incits.org, www.incits.org

National Adoption

INCITS/ISO/IEC 23001-13:2019 [2021], Information technology - MPEG systems technologies - Part 13: Media orchestration (identical national adoption of ISO/IEC 23001-13:2019) Final Action Date: 8/31/2021

National Adoption

INCITS/ISO/IEC 23001-14:2019 [2021], Information technology - MPEG systems technologies - Part 14: Partial file format (identical national adoption of ISO/IEC 23001-14:2019) Final Action Date: 8/31/2021

National Adoption

INCITS/ISO/IEC 23001-7:2016/AM1:2019 [2021], Information technology - MPEG systems technologies - Part 7: Common encryption in ISO base media file format files - Amendment 1: AES-CBC-128 and key rotation (identical national adoption of ISO/IEC 23001-7:2016/AM1:2019) Final Action Date: 8/31/2021

National Adoption

INCITS/ISO/IEC 23002-4:2018 [2021], Information technology - MPEG video technologies - Part 4: Video tool library (identical national adoption of ISO/IEC 23002-4:2018) Final Action Date: 8/31/2021

National Adoption

INCITS/ISO/IEC 23002-5:2017 [2021], Information technology - MPEG video technologies - Part 5: Reconfigurable media coding conformance and reference software (identical national adoption of ISO/IEC 23002-5:2017) Final Action Date: 8/31/2021

National Adoption

INCITS/ISO/IEC 23003-2:2018 [2021], Information technology - MPEG audio technologies - Part 2: Spatial Audio Object Coding (SAOC) (identical national adoption of ISO/IEC 23003-2:2018) Final Action Date: 8/31/2021

National Adoption

INCITS/ISO/IEC 23003-3:2020 [2021], Information technology - MPEG audio technologies - Part 3: Unified speech and audio coding (identical national adoption of ISO/IEC 23003-3:2020) Final Action Date: 8/31/2021

National Adoption

INCITS/ISO/IEC 23003-4:2020 [2021], Information technology - MPEG audio technologies - Part 4: Dynamic range control (identical national adoption of ISO/IEC 23003-4:2020) Final Action Date: 8/31/2021

National Adoption

INCITS/ISO/IEC 23003-5:2020 [2021], Information technology - MPEG audio technologies - Part 5: Uncompressed audio in MPEG-4 file format (identical national adoption of ISO/IEC 23003-5:2020) Final Action Date: 8/31/2021

National Adoption

INCITS/ISO/IEC 23003-1:2017/AM4:2017 [2021], Information technology - MPEG audio technologies - Part 1: MPEG surround - Amendment 4: Reference software for MPEG surround extension for 3D audio (identical national adoption of ISO/IEC 23003-1:2017/AM4:2017) Final Action Date: 8/31/2021

National Adoption

INCITS/ISO/IEC 23005-1:2020 [2021], Information technology - Media context and control - Part 1: Architecture (identical national adoption of ISO/IEC 23005-1:2020) Final Action Date: 8/31/2021

National Adoption

INCITS/ISO/IEC 23005-2:2018 [2021], Information technology - Media context and control - Part 2: Control information (identical national adoption of ISO/IEC 23005-2:2018) Final Action Date: 8/31/2021

ITI (INCITS) (InterNational Committee for Information Technology Standards)

700 K Street NW, Suite 600, Washington, DC 20001 | comments@standards.incits.org, www.incits.org

National Adoption

INCITS/ISO/IEC 23005-3:2019 [2021], Information technology - Media context and control - Part 3: Sensory information (identical national adoption of ISO/IEC 23005-3:2019) Final Action Date: 8/31/2021

National Adoption

INCITS/ISO/IEC 23005-4:2018 [2021], Information technology - Media context and control - Part 4: Virtual world object characteristics (identical national adoption of ISO/IEC 23005-4:2018) Final Action Date: 8/31/2021

National Adoption

INCITS/ISO/IEC 23005-5:2019 [2021], Information technology - Media context and control - Part 5: Data formats for interaction devices (identical national adoption of ISO/IEC 23005-5:2019) Final Action Date: 8/31/2021

National Adoption

INCITS/ISO/IEC 23005-6:2019 [2021], Information technology - Media context and control - Part 6: Common types and tools (identical national adoption of ISO/IEC 23005-6:2019) Final Action Date: 8/31/2021

National Adoption

INCITS/ISO/IEC 23005-7:2019 [2021], Information technology - Media context and control - Part 7: Conformance and reference software (identical national adoption of ISO/IEC 23005-7:2019) Final Action Date: 8/31/2021

National Adoption

INCITS/ISO/IEC 23006-1:2018 [2021], Information technology - Multimedia service platform technologies - Part 1: Architecture (identical national adoption of ISO/IEC 23006-1:2018) Final Action Date: 8/31/2021

National Adoption

INCITS/ISO/IEC 23008-1:2017 [2021], Information technology - High efficiency coding and media delivery in heterogeneous environments - Part 1: MPEG media transport (MMT) (identical national adoption of ISO/IEC 23008-1:2017) Final Action Date: 8/31/2021

National Adoption

INCITS/ISO/IEC 23008-2:2020 [2021], Information technology - High efficiency coding and media delivery in heterogeneous environments - Part 2: High efficiency video coding (identical national adoption of ISO/IEC 23008-2:2020) Final Action Date: 8/31/2021

National Adoption

INCITS/ISO/IEC 23008-3:2019 [2021], Information technology - High efficiency coding and media delivery in heterogeneous environments - Part 3: 3D audio (identical national adoption of ISO/IEC 23008-3:2019) Final Action Date: 8/31/2021

National Adoption

INCITS/ISO/IEC 23008-4:2020 [2021], Information technology - High efficiency coding and media delivery in heterogeneous environments - Part 4: MMT reference software (identical national adoption of ISO/IEC 23008-4:2020) Final Action Date: 8/31/2021

National Adoption

INCITS/ISO/IEC 23008-5:2017 [2021], Information technology - High efficiency coding and media delivery in heterogeneous environments - Part 5: Reference software for high efficiency video coding (identical national adoption of ISO/IEC 23008-5:2017) Final Action Date: 8/31/2021

ITI (INCITS) (InterNational Committee for Information Technology Standards)

700 K Street NW, Suite 600, Washington, DC 20001 | comments@standards.incits.org, www.incits.org

National Adoption

INCITS/ISO/IEC 23008-6:2020 [2021], Information technology - High efficiency coding and media delivery in heterogeneous environments - Part 6: 3D audio reference software (identical national adoption of ISO/IEC 23008-6:2020) Final Action Date: 8/31/2021

National Adoption

INCITS/ISO/IEC 23008-8:2018 [2021], Information technology - High efficiency coding and media delivery in heterogeneous environments - Part 8: Conformance specification for HEVC (identical national adoption of ISO/IEC 23008-8:2018) Final Action Date: 8/31/2021

National Adoption

INCITS/ISO/IEC 23008-11:2015 [2021], Information technology - High efficiency coding and media delivery in heterogeneous environments - Part 11: MPEG media transport composition information (identical national adoption of ISO/IEC 23008-11:2015) Final Action Date: 8/31/2021

National Adoption

INCITS/ISO/IEC 23008-12:2017 [2021], Information technology - High efficiency coding and media delivery in heterogeneous environments - Part 12: Image file format (identical national adoption of ISO/IEC 23008-12:2017) Final Action Date: 8/31/2021

National Adoption

INCITS/ISO/IEC 23008-1:2017/AM1:2017 [2021], Information technology - High efficiency coding and media delivery in heterogeneous environments - Part 1: MPEG media transport (MMT) - Amendment 1: Use of MMT Data in MPEG-H 3D Audio (identical national adoption of ISO/IEC 23008-1:2017/AM1:2017) Final Action Date: 8/31/2021

National Adoption

INCITS/ISO/IEC 23008-3:2019/AM1:2019 [2021], Information technology - High efficiency coding and media delivery in heterogeneous environments - Part 3: 3D audio - Amendment 1: Audio metadata enhancements (identical national adoption of ISO/IEC 23008-3:2019/AM1:2019) Final Action Date: 8/31/2021

National Adoption

INCITS/ISO/IEC 23008-3:2019/AM2:2020 [2021], Information technology - High efficiency coding and media delivery in heterogeneous environments - Part 3: 3D audio - Amendment 2: 3D Audio baseline profile, corrections and improvements (identical national adoption of ISO/IEC 23008-3:2019/AM2:2020) Final Action Date: 8/31/2021

National Adoption

INCITS/ISO/IEC 23008-5:2017/AM1:2017 [2021], Information technology - High efficiency coding and media delivery in heterogeneous environments - Part 5: Reference software for high efficiency video coding - Amendment 1: Reference software for screen content coding extensions (identical national adoption of ISO/IEC 23008-5:2017/AM1:2017) Final Action Date: 8/31/2021

National Adoption

INCITS/ISO/IEC 23008-8:2018/AM1:2019 [2021], Information technology - High efficiency coding and media delivery in heterogeneous environments - Part 8: Conformance specification for HEVC - Amendment 1: Conformance testing for HEVC screen content coding (SCC) extensions and non-intra high throughput profiles (identical national adoption of ISO/IEC 23008-8:2018/AM1:2019) Final Action Date: 8/31/2021

National Adoption

INCITS/ISO/IEC 23008-11:2017/COR1:2017 [2021], Information technology - High efficiency coding and media delivery in heterogeneous environments - Part 11: MPEG media transport composition information - Technical Corrigendum 1 (identical national adoption of ISO/IEC 23008-11:2017/COR1:2017) Final Action Date: 8/31/2021

ITI (INCITS) (InterNational Committee for Information Technology Standards)

700 K Street NW, Suite 600, Washington, DC 20001 | comments@standards.incits.org, www.incits.org

National Adoption

INCITS/ISO/IEC 23008-12:2017/AM1:2020 [2021], Information technology - High efficiency coding and media delivery in heterogeneous environments - Part 12: Image file format - Amendment 1: Support for predictive image coding, bursts, bracketing and other improvements (identical national adoption of ISO/IEC 23008-12:2017/AM1:2020) Final Action Date: 8/31/2021

National Adoption

INCITS/ISO/IEC 23008-12:2017/COR1:2020 [2021], Information technology - High efficiency coding and media delivery in heterogeneous environments - Part 12: Image file format - Technical Corrigendum 1 (identical national adoption of ISO/IEC 23008-12:2017/COR1:2020) Final Action Date: 8/31/2021

National Adoption

INCITS/ISO/IEC 23009-1:2019 [2021], Information technology - Dynamic adaptive streaming over HTTP (DASH) - Part 1: Media presentation description and segment formats (identical national adoption of ISO/IEC 23009-1:2019) Final Action Date: 8/31/2021

National Adoption

INCITS/ISO/IEC 23009-2:2020 [2021], Information technology - Dynamic adaptive streaming over HTTP (DASH) - Part 2: Conformance and reference software (identical national adoption of ISO/IEC 23009-2:2020) Final Action Date: 8/31/2021

National Adoption

INCITS/ISO/IEC 23009-4:2018 [2021], Information technology - Dynamic adaptive streaming over HTTP (DASH) - Part 4: Segment encryption and authentication (identical national adoption of ISO/IEC 23009-4:2018) Final Action Date: 8/31/2021

National Adoption

INCITS/ISO/IEC 23009-5:2017 [2021], Information technology - Dynamic adaptive streaming over HTTP (DASH) - Part 5: Server and network assisted DASH (SAND) (identical national adoption of ISO/IEC 23009-5:2017) Final Action Date: 8/31/2021

National Adoption

INCITS/ISO/IEC 23009-6:2017 [2021], Information technology - Dynamic adaptive streaming over HTTP (DASH) - Part 6: DASH with server push and WebSockets (identical national adoption of ISO/IEC 23009-6:2017) Final Action Date: 8/31/2021

National Adoption

INCITS/ISO/IEC 23009-5:2017/AM1:2020 [2021], Information technology - Dynamic adaptive streaming over HTTP (DASH) - Part 5: Server and network assisted DASH (SAND) - Amendment 1: Improvements on SAND messages (identical national adoption of ISO/IEC 23009-5:2017/AM1:2020) Final Action Date: 8/31/2021

National Adoption

INCITS/ISO/IEC 23090-8:2020 [2021], Information technology - Coded representation of immersive media - Part 8: Network-based media processing (identical national adoption of ISO/IEC 23090-8:2020) Final Action Date: 8/31/2021

National Adoption

INCITS/ISO/IEC 23091-1:2018 [2021], Information technology - Coding-independent code points - Part 1: Systems (identical national adoption of ISO/IEC 23091-1:2018) Final Action Date: 8/31/2021

National Adoption

INCITS/ISO/IEC 23091-3:2018 [2021], Information technology - Coding-independent code points - Part 3: Audio (identical national adoption of ISO/IEC 23091-3:2018) Final Action Date: 8/31/2021

ITI (INCITS) (InterNational Committee for Information Technology Standards)

700 K Street NW, Suite 600, Washington, DC 20001 | comments@standards.incits.org, www.incits.org

National Adoption

INCITS/ISO/IEC 23092-1:2020 [2021], Information technology - Genomic information representation - Part 1: Transport and storage of genomic information (identical national adoption of ISO/IEC 23092-1:2020) Final Action Date: 8/31/2021

National Adoption

INCITS/ISO/IEC 23092-2:2020 [2021], Information technology - Genomic information representation - Part 2: Coding of genomic information (identical national adoption of ISO/IEC 23092-2:2020) Final Action Date: 8/31/2021

National Adoption

INCITS/ISO/IEC 23092-3:2020 [2021], Information technology - Genomic information representation - Part 3: Metadata and application programming interfaces (APIs) (identical national adoption of ISO/IEC 23092-3:2020) Final Action Date: 8/31/2021

National Adoption

INCITS/ISO/IEC 23092-4:2020 [2021], Information technology - Genomic information representation - Part 4: Reference software (identical national adoption of ISO/IEC 23092-4:2020) Final Action Date: 8/31/2021

National Adoption

INCITS/ISO/IEC 23092-5:2020 [2021], Information technology - Genomic information representation - Part 5: Conformance (identical national adoption of ISO/IEC 23092-5:2020) Final Action Date: 8/31/2021

National Adoption

INCITS/ISO/IEC 23093-1:2020 [2021], Information technology - Internet of media things - Part 1: Architecture (identical national adoption of ISO/IEC 23093-1:2020) Final Action Date: 8/31/2021

National Adoption

INCITS/ISO/IEC 23093-4:2020 [2021], Information technology - Internet of media things - Part 4: Reference software and conformance (identical national adoption of ISO/IEC 23093-4:2020) Final Action Date: 8/31/2021

National Adoption

INCITS/ISO/IEC 23094-1:2020 [2021], Information technology - General video coding - Part 1: Essential video coding (identical national adoption of ISO/IEC 23094-1:2020) Final Action Date: 8/31/2021

National Adoption

INCITS/ISO/IEC 29170-2:2015 [2021], Information technology - Advanced image coding and evaluation - Part 2: Evaluation procedure for nearly lossless coding (identical national adoption of ISO/IEC 29170-2:2015) Final Action Date: 8/31/2021

National Adoption

INCITS/ISO/IEC 29170-2:2015/AM1:2020 [2021], Information technology - Advanced image coding and evaluation - Part 2: Evaluation procedure for nearly lossless coding - Amendment 1: Evaluation procedure parameters for nearly lossless coding of high dynamic range media and image sequences (identical national adoption of ISO/IEC 29170-2:2015/AM1:2020) Final Action Date: 8/31/2021

National Adoption

INCITS/ISO/IEC 29199-2:2020 [2021], Information technology - JPEG XR image coding system - Part 2: Image coding specification (identical national adoption of ISO/IEC 29199-2:2020) Final Action Date: 8/31/2021

National Adoption

INCITS/ISO/IEC 14882:2020 [2021], Programming Languages - C++ (identical national adoption of ISO/IEC 14882:2020 and revision of INCITS/ISO/IEC 14882:2017 [2018]) Final Action Date: 8/31/2021

NSF (NSF International)

789 N. Dixboro Road, Ann Arbor, MI 48105-9723 | mleslie@nsf.org, www.nsf.org

Revision

ANSI/NSF 53-2021 (i134r1), Drinking Water Treatment Units - Health Effects (revision of ANSI/NSF 53-2020) Final Action Date: 8/30/2021

UL (Underwriters Laboratories)

47173 Benicia Street, Fremont, CA 94538 | Derrick.L.Martin@ul.org, <https://ul.org/>

Revision

ANSI/UL 746C-2021, Standard for Safety for Polymeric Materials - Use in Electrical Equipment Evaluations (revision of ANSI/UL 746C-2020) Final Action Date: 9/1/2021

Revision

ANSI/UL 2075-2021, Standard for Safety for Gas and Vapor Detectors and Sensors (revision of ANSI/UL 2075-2017) Final Action Date: 8/31/2021

Call for Members (ANS Consensus Bodies)

Directly and materially interested parties who wish to participate as a member of an ANS consensus body for the standards listed are requested to contact the sponsoring developer directly in a timely manner.

AWS (American Welding Society)

8669 NW 36th Street, Suite 130, Miami, FL 33166-6672 | jrosario@aws.org, www.aws.org
Jennifer Rosario; jrosario@aws.org

BSR/AWS B2.1-1-001-202x, Standard Welding Procedure Specification (SWPS) for Shielded Metal Arc Welding of Carbon Steel (M-1/P-1, Group 1 or 2), 3/16 inch [5 mm] through 3/4 inch [19 mm] Thick, E7016 and E7018, in the As-Welded Condition, Primarily Plate and Structural Applications (revision of ANSI/AWS B2.1-1-001-2019)

BSR/AWS B2.1-1-002-202x, Standard Welding Procedure Specification (SWPS) for Gas Tungsten Arc Welding of Carbon Steel (M-1/P-1, Group 1 or 2), 3/16 inch [5 mm] through 7/8 inch [22 mm] Thick, ER70S-2 and ER70S-3, in the As-Welded Condition, Primarily Plate and Structural Applications (revision of ANSI/AWS B2.1-1-002-2020)

BSR/AWS B2.1-1-016-202x, Standard Welding Procedure Specification (SWPS) for Shielded Metal Arc Welding of Carbon Steel (M-1/P-1, Group 1 or 2) 1/8 inch [3 mm] through 1-1/2 inch [38 mm] Thick, E7018, in the As-Welded or PWHT Condition, Primarily Plate and Structural Applications (revision of ANSI/AWS B2.1-1-016-2018)

BSR/AWS B2.1-1-017-202x, Standard Welding Procedure Specification (SWPS) for Shielded Metal Arc Welding of Carbon Steel (M-1/P-1, Group 1 or 2) 1/8 inch [3 mm] through 1-1/2 inch [38 mm] Thick, E6010, in the As-Welded or PWHT Condition, Primarily Plate and Structural Applications (revision of ANSI/AWS B2.1-1-017-2018)

BSR/AWS B2.1-1-019-202x, Standard Welding Procedure Specification (SWPS) for CO₂ Shielded Flux-Cored Arc Welding of Carbon Steel (M-1/P-1, Group 1 or 2), 1/8 inch [3 mm] through 1-1/2 inch [38 mm] Thick, E70T-1C and E71T-1C, in the As-Welded Condition, Primarily Plate and Structural Applications (revision of ANSI/AWS B2.1-1-019-2018)

BSR/AWS B2.1-1-020-202x, Standard Welding Procedure Specification (SWPS) for 75% Ar/25% CO₂ Shielded Flux-Cored Arc Welding of Carbon Steel (M-1/P-1, Group 1 or 2), 1/8 inch [3 mm] through 1-1/2 inch [38 mm] Thick, E70T-1M and E71T-1M, in the As-Welded or PWHT Condition, Primarily Plate and Structural Applications (revision of ANSI/AWS B2.1-1-020-2018)

BSR/AWS B2.1-1-021-202x, Standard Welding Procedure Specification (SWPS) for Gas Tungsten Arc Welding Followed by Shielded Metal Arc Welding of Carbon Steel (M-1/P-1, Group 1 or 2) 1/8 inch [3 mm] through 1-1/2 inch [38 mm] Thick, ER70S-2 and E7018, in the As-Welded or PWHT Condition, Primarily Plate and Structural Applications (revision of ANSI/AWS B2.1-1-021-2018)

BSR/AWS B2.1-1-022-202x, Standard Welding Procedure Specification (SWPS) for Shielded Metal Arc Welding of Carbon Steel (M-1/P-1, Group 1 or 2) 1/8 inch [3 mm] through 1-1/2 inch [38 mm] Thick, E6010 (Vertical Uphill) Followed by E7018, in the As-Welded or PWHT Condition, Primarily Plate and Structural Applications (revision of ANSI/AWS B2.1-1-022-2018)

AWS (American Welding Society)

8669 NW 36th Street, Suite 130, Miami, FL 33166-6672 | jrosario@aws.org, www.aws.org

BSR/AWS B2.1-1-026-202x, Standard Welding Procedure Specification (SWPS) for Shielded Metal Arc Welding of Carbon Steel (M-1/P-1, Group 1 or 2) 1/8 inch [3 mm] through 1-1/2 inch [38 mm] Thick, E6010 (Vertical Downhill) Followed by E7018, in the As-Welded or PWHT Condition, Primarily Plate and Structural Applications (revision of ANSI/AWS B2.1-1-026-2018)

BSR/AWS B2.1-1-027-202x, Standard Welding Procedure Specification (SWPS) for Self-Shielded Flux-Cored Arc Welding of Carbon Steel (M-1 or P-1, Groups 1 and 2), 1/8 inch [3 mm] through 1/2 inch [13 mm] Thick, E71T-11, in the As-Welded Condition, Primarily Plate and Structural Applications (revision of ANSI/AWS B2.1-1-027-2018)

BSR/AWS B2.1-1-201-202x, Standard Welding Procedure Specification (SWPS) for Shielded Metal Arc Welding of Carbon Steel (M-1/P-1, Group 1 or 2), 1/8 inch [3 mm] through 3/4 inch [19 mm] Thick, E6010 (Vertical Uphill) Followed by E7018 (Vertical Uphill), in the As-Welded Condition, Primarily Pipe Applications (revision of ANSI/AWS B2.1-1-201-2019)

BSR/AWS B2.1-1-202-202x, Standard Welding Procedure Specification (SWPS) for Shielded Metal Arc Welding of Carbon Steel (M-1/P-1, Group 1 or 2), 1/8 inch [3 mm] through 3/4 inch [19 mm] Thick, E6010 (Vertical Downhill) Followed by E7018 (Vertical Uphill), in the As-Welded Condition, Primarily Pipe Applications (revision of ANSI/AWS B2.1-1-202-2019)

BSR/AWS B2.1-1-203-202x, Standard Welding Procedure Specification (SWPS) for Shielded Metal Arc Welding of Carbon Steel (M-1/P-1, Group 1 or 2), 1/8 inch [3 mm] through 3/4 inch [19 mm] Thick, E6010 (Vertical Uphill), in the As-Welded Condition, Primarily Pipe Applications (revision of ANSI/AWS B2.1-1-203-2019)

BSR/AWS B2.1-1-204-202x, Standard Welding Procedure Specification (SWPS) for Shielded Metal Arc Welding of Carbon Steel (M-1/P-1, Group 1 or 2), 1/8 inch [3 mm] through 3/4 inch [19 mm] Thick, E6010 (Vertical Downhill Root with the Balance Vertical Uphill), in the As-Welded Condition, Primarily Pipe Applications (revision of ANSI/AWS B2.1-1-204-2019)

BSR/AWS B2.1-1-205-202x, Standard Welding Procedure Specification (SWPS) for Shielded Metal Arc Welding of Carbon Steel (M-1/P-1, Group 1 or 2), 1/8 inch [3 mm] through 1-1/2 inch [38 mm] Thick, E6010 (Vertical Uphill) Followed by E7018 (Vertical Uphill), in the As-Welded or PWHT Condition, Primarily Pipe Applications (revision of ANSI/AWS B2.1-1-205-2019)

BSR/AWS B2.1-1-206-202x, Standard Welding Procedure Specification (SWPS) for Shielded Metal Arc Welding of Carbon Steel (M-1/P-1, Group 1 or 2), 1/8 inch [3 mm] through 1-1/2 inch [38 mm] Thick, E6010 (Vertical Downhill) Followed by E7018 (Vertical Uphill), in the As-Welded or PWHT Condition, Primarily Pipe Applications (revision of ANSI/AWS B2.1-1-206-2019)

BSR/AWS B2.1-1-207-202x, Standard Welding Procedure Specification (SWPS) for Gas Tungsten Arc Welding of Carbon Steel (M-1/P-1, Group 1 or 2), 1/8 inch [3 mm] through 1-1/2 inch [38 mm] Thick, ER70S-2, in the As-Welded or PWHT Condition, Primarily Pipe Applications (revision of ANSI/AWS B2.1-1-207-2019)

BSR/AWS B2.1-1-208-202x, Standard Welding Procedure Specification (SWPS) for Shielded Metal Arc Welding of Carbon Steel (M-1/P-1, Group 1 or 2), 1/8 inch [3 mm] through 1-1/2 inch [38 mm] Thick, E7018, in the As-Welded or PWHT Condition, Primarily Pipe Applications (revision of ANSI/AWS B2.1-1-208-2019)

AWS (American Welding Society)

8669 NW 36th Street, Suite 130, Miami, FL 33166-6672 | jrosario@aws.org, www.aws.org

BSR/AWS B2.1-1-209-202x, Standard Welding Procedure Specification (SWPS) for Gas Tungsten Arc Welding Followed by Shielded Metal Arc Welding of Carbon Steel (M-1/P-1, Group 1 or 2), 1/8 inch [3 mm] through 1-1/2 inch [38 mm] Thick, ER70S-2 and E7018, in the As-Welded or PWHT Condition, Primarily Pipe Applications (revision of ANSI/AWS B2.1-1-209-2019)

BSR/AWS B2.1-1-232-202x, Standard Welding Procedure Specification (SWPS) for 75% Argon Plus 25% Carbon Dioxide Shielded Gas Metal Arc Welding (Short Circuiting Transfer Mode) followed by 75% Argon Plus 25% Carbon Dioxide Shielded Flux Cored Arc Welding of Carbon Steel (M-1/P-1, Group 1 or 2), 1/8 inch [3 mm] through 1-1/2 inch [38 mm] Thick, ER70S-3 and E71T-X, in the As-Welded or PWHT Condition, Primarily Pipe Applications (revision of ANSI/AWS B2.1-1-232-2019)

BSR/AWS B2.1-1-233-202x, Standard Welding Procedure Specification (SWPS) for 75% Argon Plus 25% Carbon Dioxide Shielded Gas Metal Arc Welding (Short Circuiting Transfer Mode) followed by 98% Argon Plus 2% Oxygen Shielded Gas Metal Arc Welding (Spray Transfer Mode) of Carbon Steel (M-1/P-1, Group 1 or 2), 1/8 inch [3 mm] through 1-1/2 inch [38 mm] Thick, ER70S-3, in the As-Welded or PWHT Condition, Primarily Pipe Applications (revision of ANSI/AWS B2.1-1-233-2019)

BSR/AWS B2.1-8-023-202x, Standard Welding Procedure Specification (SWPS) for Shielded Metal Arc Welding of Austenitic Stainless Steel (M-8/P-8 Group 1) 1/8 inch [3 mm] through 1-1/2 inch [38 mm] Thick, in the As-Welded Condition, Primarily Plate and Structural Applications (revision of ANSI/AWS B2.1-8-023-2018)

BSR/AWS B2.1/B2.1M-202x, Specification for Welding Procedure and Performance Qualification (revision and redesignation of ANSI/AWS B2.1/B2.1M:2014-ADD1-2019)

BSR/AWS B2.2/B2.2M-202x, Specification for Brazing Procedure and Performance Qualification (revision of ANSI/AWS B2.2/B2.2M-2016)

BSR/AWS B2.3/B2.3M-202x, Specification for Soldering Procedure and Performance Qualification (revision of ANSI/AWS B2.3/B2.3M-2018)

BSR/AWS C2.19/C2.19M-202x, Specification for the Application of Thermal Spray Coatings to Machine Elements for OEM and Repair (revision of ANSI/AWS C2.19/C2.19M-2013)

BSR/AWS C2.20/C2.20M-202x, Specification for Thermal Spraying Zinc Anodes on Steel Reinforced Concrete (revision of ANSI/AWS C2.20/C2.20M-2016)

BSR/AWS C2.21M/C2.21-2015 (R202x), Specification for Thermal Spray Equipment Performance Verification (reaffirmation of ANSI/AWS C2.21M/C2.21-2015)

BSR/AWS C2.25/C2.25M-202x, Specification for Thermal Spray Feedstock - Wire and Rods (revision of ANSI/AWS C2.25/C2.25M-2012 (R2018))

BSR/AWS C2.27M/C2.27-202x, Guide to Thermal Spray Masking (new standard)

BSR/AWS C2.28M/C2.28-202x, Guide to Thermal Spray Equipment Selection (new standard)

BSR/AWS C4.2/C4.2M-202x, Recommended Practices for Oxyfuel Gas Cutting Torch Operation (revision of ANSI/AWS C4.2/C4.2M-2017)

AWS (American Welding Society)

8669 NW 36th Street, Suite 130, Miami, FL 33166-6672 | jrosario@aws.org, www.aws.org

BSR/AWS C4.3/C4.3M-202x, Recommended Practices for Oxyfuel Gas Heating Torch Operation (revision of ANSI/AWS C4.3/C4.3M-2018)

BSR/AWS C4.7/C4.7M-202x, Recommended Practices for Oxyacetylene Welding of Steel (revision of ANSI/AWS C4.7/C4.7M-2020)

BSR/AWS C4.8/C4.8M-202x, Specification for the Qualification of Operators of Oxyfuel Gas Cutting and Heating Apparatus (new standard)

BSR/AWS D15.1/D15.1M-202x, Railroad Welding Specification for Cars and Locomotives (revision and redesignation of ANSI/AWS D15.1/D15.1M-2021-AMD1)

BSR/AWS D16.1M/D16.1-202x, Specification for Robotic Arc Welding Safety (revision of ANSI/AWS D16.1M/D16.1-2018)

BSR/AWS D16.2M/D16.2-202x, Guide for Components of Robotic and Automatic Arc Welding Installations (revision of ANSI/AWS D16.2M/D16.2-2021)

BSR/AWS D16.3M/D16.3-202x, Risk Assessment Guide for Robotic Arc Welding (revision of ANSI/AWS D16.3M/D16.3-2017)

BSR/AWS D16.4M/D16.4-202x, Specification for the Qualification of Robotic Arc Welding Personnel (revision of ANSI/AWS D16.4M/D16.4-2014)

BSR/AWS D16.5M/D16.5-202x, Training Guide for Robotic Arc Welding Personnel (revision of ANSI/AWS D16.5M/D16.5-2021)

BSR/AWS D16.6M/D16.6-202x, Specification for Robot Arc Welding Training and Testing Cell (revision of ANSI/AWS D16.6M/D16.6-2018)

BSR/AWS NAVSEA B2.1-1-301-202x, Standard Welding Procedure Specification for Naval Applications (SWPS-N) for Gas Tungsten Arc Welding of Carbon Steel (S-1), 1/8 inch [3 mm] through 1-1/2 inch [38 mm] Thick, MIL-70S-2, in the As-Welded or PWHT Condition, Primarily Plate and Structural Naval Applications (revision of ANSI/AWS-NAVSEA B2.1-1-301-2018)

BSR/AWS NAVSEA B2.1-1-303-202x, Standard Welding Procedure Specification for Naval Applications (SWPS-N) for Gas Tungsten Arc Welding Followed by Shielded Metal Arc Welding of Carbon Steel (S-1), 1/8 inch [3 mm] through 1-1/2 inch [38 mm] Thick, MIL-70S-2 and MIL-7018-M, in the As-Welded or PWHT Condition, Primarily Plate and Structural Naval Applications (revision of ANSI/AWS NAVSEA B2.1-1-303-2020)

BSR/AWS NAVSEA B2.1-1-304-202x, Standard Welding Procedure Specification for Naval Applications (SWPS-N) for Carbon Dioxide Shielded Flux Cored Arc Welding of Carbon Steel (S-1), 1/8 inch [3 mm] through 1-1/2 inch [38 mm] Thick, MIL-70T-1 and MIL-71T-1, in the As-Welded Condition, Primarily Plate and Structural Naval Applications (revision of ANSI/AWS-NAVSEA B2.1-1-304-2017)

BSR/AWS NAVSEA B2.1-1-305-202x, Standard Welding Procedure Specification for Naval Applications (SWPS-N) for 75% Argon Plus 25% Carbon Dioxide Shielded Flux-Cored Arc Welding of Carbon Steel (S-1), 1/8 inch [3 mm] through 1-1/2 inch [38 mm] Thick, MIL-70T-1 and MIL-71T-1, in the As-Welded or PWHT Condition, Primarily Plate and Structural Naval Applications (revision of ANSI/AWS-NAVSEA B2.1-1-305-2017)

AWS (American Welding Society)

8669 NW 36th Street, Suite 130, Miami, FL 33166-6672 | jrosario@aws.org, www.aws.org

BSR/AWS NAVSEA B2.1-1-311-202x, Standard Welding Procedure Specification for Naval Applications (SWPS-N) for Gas Tungsten Arc Welding of Carbon Steel (S-1), 1/8 inch [3 mm] through 1-1/2 inch [38 mm] Thick, MIL-70S-2, in the As-Welded or PWHT Condition, Primarily Pipe for Naval Applications (revision of ANSI/AWS-NAVSEA B2.1-1-311-2018)

BSR/AWS NAVSEA B2.1-1-313-202x, Standard Welding Procedure Specification for Naval Applications (SWPS-N) for Gas Tungsten Arc Welding Followed by Shielded Metal Arc Welding of Carbon Steel (S-1), 1/8 inch [3 mm] through 1-1/2 inch [38 mm] Thick, MIL-70S-2 and MIL-7018-M, in the As-Welded or PWHT Condition, Primarily Pipe for Naval Applications (revision of ANSI/AWS NAVSEA B2.1-1-313-2020)

BSR/AWS NAVSEA B2.1-1-314-202x, Standard Welding Procedure Specification for Naval Applications (SWPS-N) for Gas Tungsten Arc Welding with Consumable Insert Root of Carbon Steel (S-1), 1/8 inch [3 mm] through 1-1/2 inch [38 mm] Thick, MIL-MS-1 and MIL-70S-2, in the As-Welded or PWHT Condition, Primarily Pipe for Naval Applications (revision of ANSI/AWS-NAVSEA B2.1-1-314-2018)

BSR/AWS NAVSEA B2.1-1-315-202x, Standard Welding Procedure Specification for Naval Applications (SWPS-N) for Gas Tungsten Arc Welding with Consumable Insert Root followed by Shielded Metal Arc Welding of Carbon Steel (S-1), 1/8 inch [3 mm] through 1-1/2 inch [38 mm] Thick, MIL-MS-1 MIL-70S-2, and MIL-7018-M in the As-Welded or PWHT Condition, Primarily Pipe for Naval Applications (revision of ANSI/AWS-NAVSEA B2.1-1-315-2018)

BSR/AWS NAVSEA B2.1-1-316-202x, Standard Welding Procedure Specification for Naval Applications (SWPS-N) for Argon Plus 2% Oxygen Shielded Gas Metal Arc Welding (Spray Transfer Mode) of Carbon Steel (S-1), 1/8 inch [3 mm] through 1-1/2 inch [38 mm] Thick, MIL-70S-3, in the As-Welded or PWHT Condition, Primarily Pipe for Naval Applications (revision of ANSI/AWS-NAVSEA B2.1-1-316-2017)

BSR/AWS NAVSEA B2.1-1-317-202x, Standard Welding Procedure Specification for Naval Applications (SWPS-N) for 75% Argon Plus 25% Carbon Dioxide Shielded Flux-Cored Arc Welding of Carbon Steel (S-1), 1/8 inch [3 mm] through 1-1/2 inch [38 mm] Thick, MIL-70T-1 and MIL-71T-1, in the As-Welded or PWHT Condition, Primarily Pipe for Naval Applications (revision of ANSI/AWS-NAVSEA B2.1-1-317-2017)

BSR/AWS NAVSEA B2.1-1/8-323-202x, Standard Welding Procedure Specification for Naval Applications (SWPS-N) for Gas Tungsten Arc Welding of Carbon Steel (S-1) to Austenitic Stainless Steel (S-8), 1/8 inch [3 mm] through 1-1/2 inch [38 mm] Thick, MIL-309 ER309L, in the As-Welded Condition, Primarily Pipe for Naval Applications (revision of ANSI/AWS NAVSEA B2.1-1/8-323-2020)

BSR/AWS NAVSEA B2.1-1/8-324-202x, Standard Welding Procedure Specification for Naval Applications (SWPS-N) for Shielded Metal Arc Welding of Carbon Steel (S-1) to Austenitic Stainless Steel (S-8), 1/8 inch [3 mm] through 1-1/2 inch [38 mm] Thick, MIL-309-XX and MIL-309L-XX, in the As-Welded Condition, Primarily Pipe for Naval Applications (revision of ANSI/AWS NAVSEA B2.1-1/8-324-2020)

AWS (American Welding Society)

8669 NW 36th Street, Suite 130, Miami, FL 33166-6672 | jrosario@aws.org, www.aws.org

BSR/AWS NAVSEA B2.1-1/8-325-202x, Standard Welding Procedure Specification for Naval Applications (SWPS-N) for Gas Tungsten Arc Welding Followed by Shielded Metal Arc Welding of Carbon Steel (S-1) to Austenitic Stainless Steel (S-8), 1/8 inch [3 mm] through 1-1/2 inch [38 mm] Thick, MIL-309/ER309L and MIL-309-XX/MIL-309L-XX, in the As-Welded Condition, Primarily Pipe for Naval Applications (revision of ANSI/AWS NAVSEA B2.1-1/8-325-2020)

BSR/AWS NAVSEA B2.1-8-308-202x, Standard Welding Procedure Specification for Naval Applications (SWPS-N) for Gas Tungsten Arc Welding of Austenitic Stainless Steel (S-8), 1/8 inch [3 mm] through 1-1/2 inch [38 mm] Thick, MIL-3XX, in the As-Welded Condition, Primarily Plate and Structural Naval Applications (revision of ANSI/AWS/NAVSEA B2.1-8-308-2016)

BSR/AWS NAVSEA B2.1-8-309-202x, Standard Welding Procedure Specification for Naval Applications (SWPS-N) for Shielded Metal Arc Welding of Austenitic Stainless Steel (S-8), 1/8 inch [3 mm] through 1-1/2 inch [38 mm] Thick, MIL-3XX-XX, in the As-Welded Condition, Primarily Plate and Structural Naval Applications (revision of ANSI/AWS-NAVSEA B2.1-8-309-2018)

BSR/AWS NAVSEA B2.1-8-310-202x, Standard Welding Procedure Specification for Naval Applications (SWPS-N) for Gas Tungsten Arc Welding Followed by Shielded Metal Arc Welding of Austenitic Stainless Steel (S-8), 1/8 inch [3 mm] through 1-1/2 inch [38 mm] Thick, MIL-3XX and MIL-3XX-XX, in the As-Welded Condition, Primarily Plate and Structural Naval Applications (revision of ANSI/AWS NAVSEA B2.1-8-310-2020)

BSR/AWS NAVSEA B2.1-8-318-202x, Standard Welding Procedure Specification for Naval Applications (SWPS-N) for Gas Tungsten Arc Welding of Austenitic Stainless Steel (S-8), 1/8 inch [3 mm] through 1-1/2 inch [38 mm] Thick, MIL-3XX, in the As-Welded Condition, Primarily Pipe for Naval Applications (revision of ANSI/AWS/NAVSEA B2.1-8-318-2016)

BSR/AWS NAVSEA B2.1-8-319-202x, Standard Welding Procedure Specification for Naval Applications (SWPS-N) for Shielded Metal Arc Welding of Austenitic Stainless Steel (S-8), 1/8 inch [3 mm] through 1-1/2 inch [38 mm] Thick, MIL-3XX-XX, in the As-Welded Condition, Primarily Pipe for Naval Applications (revision of ANSI/AWS-NAVSEA B2.1-8-319-2018)

BSR/AWS NAVSEA B2.1-8-320-202x, Standard Welding Procedure Specification for Naval Applications (SWPS-N) for Gas Tungsten Arc Welding Followed by Shielded Metal Arc Welding of Austenitic Stainless Steel (S-8), 1/8 inch [3 mm] through 1-1/2 inch [38 mm] Thick, MIL-3XX and MIL-3XX-XX, in the As-Welded Condition, Primarily Pipe for Naval Applications (revision of ANSI/AWS NAVSEA B2.1-8-320-2020)

BSR/AWS NAVSEA B2.1-8-321-202x, Standard Welding Procedure Specification for Naval Applications (SWPS-N) for Gas Tungsten Arc Welding with Consumable Insert Root of Austenitic Stainless Steel (S-8), 1/8 inch [3 mm] through 1-1/2 inch [38 mm] Thick, MIL-3XX, in the As-Welded Condition, Primarily Pipe for Naval Applications (revision of ANSI/AWS-NAVSEA B2.1-8-321-2018)

BSR/AWS NAVSEA B2.1-8-322-202x, Standard Welding Procedure Specification for Naval Applications (SWPS-N) for Gas Tungsten Arc Welding with Consumable Insert Root Followed by Shielded Metal Arc Welding of Austenitic Stainless Steel (S-8), 1/8 inch [3 mm] through 1-1/2 inch [38 mm] Thick, MIL-3XX and MIL-3XX-XX, in the As-Welded Condition, Primarily Pipe for Naval Applications (revision of ANSI/AWS-NAVSEA B2.1-8-322-2018)

CTA (Consumer Technology Association)

1919 S. Eads Street, Arlington, VA 22202 | cakers@cta.tech, www.cta.tech
 Catrina Akers; cakers@cta.tech

BSR/CTA 709.6-A-202x, Control Networking Protocol Specification - Part 6: Application Elements (revision and redesignation of ANSI/CTA 709.6-2015)

CTA is seeking new members to join the consensus body. CTA and the R7 Consumer Electronics Networking Committee are particularly interested in adding new members (called “users”) who acquire control electronics networking systems from those who create them, and in adding new members who neither produce nor use control electronics networking system products, and others (called members with a “general interest”).

ECIA (Electronic Components Industry Association)

13873 Park Center Road, Suite 315, Herndon, VA 20171 | ldonohoe@ecianow.org, www.ecianow.org
 Laura Donohoe; ldonohoe@ecianow.org

BSR/EIA 364-112-2010 (R202x), Contact Resistance and Current Rating of Parallel Circuits Test Procedure for Electrical Connectors, Contacts and Sockets (reaffirmation of ANSI/EIA 364-112-2010 (R2016))

BSR/EIA 364-113-2010 (R202x), Corrosivity of Contacts Test Procedure for Electrical Connectors and Sockets (reaffirmation of ANSI/EIA 364-113-2010 (R2016))

BSR/EIA 364-115-2016 (R202x), Current Overload Test Procedure for Electrical Connectors and Sockets (reaffirmation of ANSI/EIA 364-115-2016)

BSR/EIA 364-118-2016 (R202x), Thermal Shock Test Procedure for Hermetic Electrical Connectors and Sockets (reaffirmation of ANSI/EIA 364-118-2016)

BSR/EIA 364-1004A-2016 (R202x), Environmental Test Methodology for Verifying the Current Rating of Freestanding Power Contacts or Electrical Connectors and Sockets (reaffirmation of ANSI/EIA 364-1004A-2016)

BSR/EIA 456-A-202x, Metallized Film Dielectric Capacitors for Alternating Current Application (new standard)

IES (Illuminating Engineering Society)

120 Wall Street, Floor 17, New York, NY 10005-4001 | pmcgillicuddy@ies.org, www.ies.org
 Patricia McGillicuddy; pmcgillicuddy@ies.org

BSR/IES LS-1-202x, Lighting Science: Nomenclature and Definitions for Illuminating Engineering (revision of ANSI/IES LS 1-2020)

BSR/IES LP-13-202x, Lighting Practice: Introduction to Resilient Lighting (new standard)

BSR/IES RP-8-202x, Recommended Practice: Design and Maintenance of Roadway and Parking Facility Lighting (revision of ANSI/IES RP-8-2018)

BSR/IES TM-34 (38)-202x, Technical Memorandum for Recommendations for Measuring Tunable White Solid-State Lighting Products (new standard)

ITI (INCITS) (InterNational Committee for Information Technology Standards)

700 K Street NW, Suite 600, Washington, DC 20001 | comments@standards.incits.org, www.incits.org
 Barbara Bennett; comments@standards.incits.org

BSR INCITS 503-202x, Information technology - SCSI Stream Commands - 5 (SSC-5) (new standard)

NEMA (ASC C136) (National Electrical Manufacturers Association)

1300 North 17th Street, Suite 900, Rosslyn, VA 22209 | David.Richmond@nema.org, www.nema.org
David Richmond; David.Richmond@nema.org

BSR C136.49-202X, Roadway and Area Lighting Equipment - Plasma Lighting (revision of ANSI C136.49-2016)

NSF (NSF International)

789 N. Dixboro Rd., Ann Arbor, MI 48105 | mmilla@nsf.org, www.nsf.org
Monica Milla; mmilla@nsf.org

BSR/NSF 42-202x (i114r2), Drinking Water Treatment Units - Aesthetic Effects (revision of ANSI/NSF 42-2020)

BSR/NSF 55-202x (i60r1), Ultraviolet Microbiological Water Treatment Systems (revision of ANSI/NSF 55-2020)

BSR/NSF 455-2-202x (i26r2), Good Manufacturing Practices for Dietary Supplements (revision of ANSI/NSF 455-2-2020)

BSR/NSF 455-3-202x (i33r2), Good Manufacturing Practices for Cosmetics (revision of ANSI/NSF 455-3-2019)

BSR/NSF 455-4-202x (i39r2), Good Manufacturing Practices for Over-the-Counter Drugs (revision of ANSI/NSF 455-4-2020)

BSR/NSF/CAN 50-202x (i176r1), Equipment and Chemicals for Swimming Pools, Spas, Hot Tubs, and Other Recreational Water Facilities (revision of ANSI/NSF/CAN 50-2020)

WMMA (ASC O1) (Wood Machinery Manufacturers of America)

2331 Rock Spring Road, Forest Hill, MD 21050 | nikki@wmma.org, www.wmma.org
Nikki Augsburger; nikki@wmma.org

BSR/WMMA O1.1-1-2015 (R202x), Safety Requirements for Fixed-Angle Jump Saws (reaffirmation of ANSI/WMMA O1.1-1-2015)

BSR/WMMA O1.1-3-2014 (R202x), Safety Requirements for CNC Machining Centers for the Woodworking Industry (reaffirmation of ANSI/WMMA O1.1-3-2014)

BSR/WMMA O1.1-4-2015 (R202x), Safety Requirements for Shapers (reaffirmation of ANSI/WMMA O1.1-4-2015)

Call for Members (ANS Consensus Bodies)

ANSI Accredited Standards Developer

DirectTrust - DirectTrust.org, Inc.

Call for Consensus Body Members

ANSI Accredited Standards Developer

DirectTrust – DirectTrust.org, Inc

DS2021_04 - Information Exchange for Human Service (IX4HS)

DirectTrust is seeking members to complete the DS2021_04 - Information Exchange for Human Service (IX4HS) consensus body for proposed American National Standards (ANSs).

The Information Exchange for Human Services (IX4HS) project will evaluate and identify existing and developing standards (such as the Direct Standard™), or create new standards or profiles as needed, for the secure communication of sensitive information between healthcare settings and Human Services organizations as well as between Human Services organizations for the purposes of endpoint discovery, referral, information exchange, information requests, and care coordination.

This consensus body is currently seeking voting members in the following categories:

- Healthcare Sector
- Government Sector
- Healthcare Payer Sector
- Consumer Sector and General Interest
- Information Technology Sector
- Interoperability and Systems Integration Sector

If you are interested in joining the DS2021_04- Information Exchange for Human Service (IX4HS) Consensus Body, contact Standards@DirectTrust.org.

Call for Members (ANS Consensus Bodies)

ANSI Accredited Standards Developer

INCITS Executive Board – ANSI Accredited SDO and US TAG to ISO/IEC JTC 1, Information Technology

The InterNational Committee for Information Technology Standards (INCITS), an ANSI accredited SDO, is the forum of choice for information technology developers, producers and users for the creation and maintenance of formal de jure IT standards. INCITS' mission is to promote the effective use of Information and Communication Technology through standardization in a way that balances the interests of all stakeholders and increases the global competitiveness of the member organizations.

The INCITS Executive Board serves as the consensus body with oversight of its 40+ Technical Committees. Additionally, the INCITS Executive Board has the international leadership role as the US Technical Advisory Group (TAG) to ISO/IEC JTC 1, Information Technology.

Membership in the INCITS Executive Board is open to all directly and materially affected parties in accordance with INCITS membership rules. To find out more about participating on the INCITS Executive Board, contact Jennifer Garner at jgarner@itic.org or visit <http://www.incits.org/participation/membership-info> for more information.

Membership in all interest categories is always welcome; however, the INCITS Executive Board seeks to broaden its membership base in the following categories:

- Service Providers
- Users
- Standards Development Organizations and Consortia
- Academic Institutions

ANSI Accredited Standards Developer

SCTE (Society of Cable Telecommunications Engineers)

SCTE, an ANSI-accredited SDO, is the primary organization for the creation and maintenance of standards for the cable telecommunications industry. SCTE's standards mission is to develop standards that meet the needs of cable system operators, content providers, network and customer premises equipment manufacturers, and all others who have an interest in the industry through a fair, balanced and transparent process.

SCTE is currently seeking to broaden the membership base of its ANS consensus bodies and is interested in new members in all membership categories to participate in new work in fiber-optic networks, advanced advertising, 3D television, and other important topics. Of particular interest is membership from the content (program and advertising) provider and user communities. Membership in the SCTE Standards Program is open to all directly and materially affected parties as defined in SCTE's membership rules and operating procedures. More information is available at www.scte.org or by e-mail from standards@scte.org.

Membership in the SCTE Standards Program is open to all directly and materially affected parties as defined in SCTE's membership rules and operating procedures. More information is available at www.scte.org or by e-mail from standards@scte.org.

American National Standards (ANS) Process

Please visit ANSI's website (www.ansi.org) for resources that will help you to understand, administer and participate in the American National Standards (ANS) process. Documents posted at these links are updated periodically as new documents and guidance are developed, whenever ANS-related procedures are revised, and routinely with respect to lists of proposed and approved ANS. The main ANS-related link is www.ansi.org/asd and here are some direct links as well as highlights of information that is available:

Where to find Procedures, Guidance, Interpretations and More...

Please visit ANSI's website (www.ansi.org)

- ANSI Essential Requirements: Due process requirements for American National Standards (always current edition): www.ansi.org/essentialrequirements
- ANSI Standards Action (weekly public review announcements of proposed ANS and standards developer accreditation applications, listing of recently approved ANS, and proposed revisions to ANS-related procedures): www.ansi.org/standardsaction
- Accreditation information – for potential developers of American National Standards (ANS): www.ansi.org/sdoaccreditation
- ANS Procedures, ExSC Interpretations and Guidance (including a slide deck on how to participate in the ANS process and the BSR-9 form): www.ansi.org/asd
- Lists of ANSI-Accredited Standards Developers (ASDs), Proposed ANS and Approved ANS: www.ansi.org/asd
- American National Standards Key Steps: www.ansi.org/anskeysteps
- American National Standards Value: www.ansi.org/ansvalue
- ANS Web Forms for ANSI-Accredited Standards Developers - PINS, BSR8|108, BSR11, Technical Report: <https://www.ansi.org/portal/psawebforms/>
- Information about standards Incorporated by Reference (IBR): <https://ibr.ansi.org/>
- ANSI - Education and Training: www.standardslearn.org

If you have a question about the ANS process and cannot find the answer, please email us at: psa@ansi.org . Please also visit Standards Boost Business at www.standardsboostbusiness.org for resources about why standards matter, testimonials, case studies, FAQs and more.

If you are interested in purchasing an American National Standard, please visit <https://webstore.ansi.org>

American National Standards Under Continuous Maintenance

The ANSI Essential Requirements: Due Process Requirements for American National Standards provides two options for the maintenance of American National Standards (ANS): periodic maintenance (see clause 4.7.1) and continuous maintenance (see clause 4.7.2). Continuous maintenance is defined as follows:

The standard shall be maintained by an accredited standards developer. A documented program for periodic publication of revisions shall be established by the standards developer. Processing of these revisions shall be in accordance with these procedures. The published standard shall include a clear statement of the intent to consider requests for change and information on the submittal of such requests. Procedures shall be established for timely, documented consensus action on each request for change and no portion of the standard shall be excluded from the revision process. In the event that no revisions are issued for a period of four years, action to reaffirm or withdraw the standard shall be taken in accordance with the procedures contained in the ANSI Essential Requirements.

The Executive Standards Council (ExSC) has determined that for standards maintained under the Continuous Maintenance option, separate PINS announcements are not required. The following ANSI Accredited Standards Developers have formally registered standards under the Continuous Maintenance option.

-
- AAMI (Association for the Advancement of Medical Instrumentation)
 - AARST (American Association of Radon Scientists and Technologists)
 - AGA (American Gas Association)
 - AGSC (Auto Glass Safety Council)
 - ASC X9 (Accredited Standards Committee X9, Incorporated)
 - ASHRAE (American Society of Heating, Refrigerating and Air-Conditioning Engineers, Inc.)
 - ASME (American Society of Mechanical Engineers)
 - ASTM (ASTM International)
 - GBI (Green Building Initiative)
 - HL7 (Health Level Seven)
 - IES (Illuminating Engineering Society)
 - ITI (InterNational Committee for Information Technology Standards)
 - MHI (Material Handling Industry)
 - NAHBRC (NAHB Research Center, Inc.)
 - NBBPVI (National Board of Boiler and Pressure Vessel Inspectors)
 - NCPDP (National Council for Prescription Drug Programs)
 - NEMA (National Electrical Manufacturers Association)
 - NISO (National Information Standards Organization)
 - NSF (NSF International)
 - PRCA (Professional Ropes Course Association)
 - RESNET (Residential Energy Services Network, Inc.)
 - SAE (SAE International)
 - TCNA (Tile Council of North America)
 - TIA (Telecommunications Industry Association)
 - UL (Underwriters Laboratories)

To obtain additional information with regard to these standards, including contact information at the ANSI Accredited Standards Developer, please visit ANSI Online at www.ansi.org/asd, select “American National Standards Maintained Under Continuous Maintenance.” Questions? psa@ansi.org.

ANSI-Accredited Standards Developers (ASD) Contacts

The addresses listed in this section are to be used in conjunction with standards listed in PINS, Call for Comment, Call for Members and Final Actions. This section is a list of developers who have submitted standards for this issue of *Standards Action* – it is not intended to be a list of all ANSI-Accredited Standards Developers. Please send all address corrections to the PSA Department at psa@ansi.org.

AAFS

American Academy of Forensic Sciences
410 North 21st Street
Colorado Springs, CO 80904
www.aafs.org

Teresa Ambrosius
tambrosius@aafs.org

ADA (Organization)

American Dental Association
211 East Chicago Avenue
Chicago, IL 60611
www.ada.org

Paul Bralower
bralowerp@ada.org

ANS

American Nuclear Society
555 North Kensington Avenue
La Grange Park, IL 60526
www.ans.org

Kathryn Murdoch
kmurdoch@ans.org

APCO

Association of Public-Safety
Communications Officials-International
351 N. Williamson Boulevard
Daytona Beach, FL 32114
www.apcolntl.org

Megan Bixler
Bixlerm@apcointl.org

ASHRAE

American Society of Heating, Refrigerating
and Air-Conditioning Engineers, Inc.
180 Technology Parkway
Peachtree Corners, GA 30092
www.ashrae.org

Carmen King
cking@ashrae.org

Emily Toto
etoto@ashrae.org

Ryan Shanley
rshanley@ashrae.org

ASME

American Society of Mechanical Engineers
Two Park Avenue, 6th Floor
New York, NY 10016
www.asme.org

Maria Acevedo
ansibox@asme.org

ASME

American Society of Mechanical Engineers
Two Park Avenue, M/S 6-2B
New York, NY 10016
www.asme.org

Terrell Henry
ansibox@asme.org

ASTM

ASTM International
100 Barr Harbor Drive
West Conshohocken, PA 19428
www.astm.org

Laura Klineburger
accreditation@astm.org

AWS

American Welding Society
8669 NW 36th Street, Suite 130
Miami, FL 33166
www.aws.org

Jennifer Rosario
jrosario@aws.org

AWWA

American Water Works Association
6666 W. Quincy Avenue
Denver, CO 80235
www.awwa.org

Paul Olson
polson@awwa.org

BHCOE

Behavioral Health Center of Excellence
7083 Hollywood Boulevard, #565
Los Angeles, CA 90028
www.bhcoe.org

Rose Feddock
rose@bhcoe.org

BPI

Building Performance Institute
107 Hermes Road, Suite 110
Malta, NY 12020
www.bpi.org

Susan Carson
standards@bpi.org

CPLSO

CPLSO
The Marchioness Building, Commercial
Road
Bristol BS16TG, UK BS1 6

Hugh Pratt
pratt.hugh@cplso.org

CSA

CSA America Standards Inc.
8501 E. Pleasant Valley Road
Cleveland, OH 44131
www.csagroup.org

David Zimmerman
ansi.contact@csagroup.org

CTA

Consumer Technology Association
1919 S. Eads Street
Arlington, VA 22202
www.cta.tech

Catrina Akers
cakers@cta.tech

ECIA

Electronic Components Industry
Association
13873 Park Center Road, Suite 315
Herndon, VA 20171
www.ecianow.org

Laura Donohoe
Idonohoe@ecianow.org

ANSI-Accredited Standards Developers Contact Information

ESTA

Entertainment Services and Technology
Association
271 Cadman Plaza, P.O. Box 23200
Brooklyn, NY 11202
www.esta.org
Karl Ruling
standards@esta.org

IES

Illuminating Engineering Society
120 Wall Street, Floor 17
New York, NY 10005
www.ies.org
Patricia McGillicuddy
pmcgillicuddy@ies.org

ITI (INCITS)

InterNational Committee for Information
Technology Standards
700 K Street NW, Suite 600
Washington, DC 20001
www.incits.org
Barbara Bennett
comments@standards.incits.org
Deborah Spittle
comments@standards.incits.org

NCPDP

National Council for Prescription Drug
Programs
9240 East Raintree Drive
Scottsdale, AZ 85260
www.ncdp.org
Margaret Weiker
mweiker@ncdp.org

NEMA (ASC C136)

National Electrical Manufacturers
Association
1300 North 17th Street, Suite 900
Rosslyn, VA 22209
www.nema.org
David Richmond
David.Richmond@nema.org

NFRC

National Fenestration Rating Council
6305 Ivy Lane, Suite 140
Greenbelt, MD 20770
www.nfrc.org
Jen Padgett
jpadgett@nfrc.org

NSF

NSF International
789 N. Dixboro Rd.
Ann Arbor, MI 48105
www.nsf.org
Monica Milla
mmilla@nsf.org

NSF

NSF International
789 N. Dixboro Road
Ann Arbor, MI 48105
www.nsf.org
Jason Snider
jsnider@nsf.org
Monica Leslie
mleslie@nsf.org
Rachel Brooker
rbrooker@nsf.org

PMI (Organization)

Project Management Institute
14 Campus Blvd
Newtown Square, PA 19073
www.pmi.org
Lorna Scheel
lorna.scheel@pmi.org

SCTE

Society of Cable Telecommunications
Engineers
140 Philips Rd
Exton, PA 19341
www.scte.org
Kim Cooney
kcooney@scte.org

UL

Underwriters Laboratories
12 Laboratory Drive
Research Triangle Park, NC 27709
https://ul.org/
Casey Granata
Casey.Granata@ul.org
Jennifer Fields
jennifer.fields@ul.org
Joshua Johnson
Joshua.Johnson@ul.org
Nicolette Weeks
Nicolette.A.Weeks@ul.org

UL

Underwriters Laboratories
333 Pflingsten Road
Northbrook, IL 60062
https://ul.org/
Mitchell Gold
mitchell.gold@ul.org

UL

Underwriters Laboratories
47173 Benicia Street
Fremont, CA 94538
https://ul.org/
Derrick Martin
Derrick.L.Martin@ul.org
Linda Phinney
Linda.L.Phinney@ul.org
Paul Lloret
Paul.E.Lloret@ul.org

WMMA (ASC 01)

Wood Machinery Manufacturers of
America
2331 Rock Spring Road
Forest Hill, MD 21050
www.wmma.org
Nikki Augsburger
nikki@wmma.org

ISO & IEC Draft International Standards



This section lists proposed standards that the International Organization for Standardization (ISO) and the International Electrotechnical Commission (IEC) are considering for approval. The proposals have received substantial support within the technical committees or subcommittees that developed them and are now being circulated to ISO and IEC members for comment and vote. Standards Action readers interested in reviewing and commenting on these documents should order copies from ANSI.

COMMENTS

Comments regarding ISO documents should be sent to ANSI's ISO Team (isot@ansi.org); comments on ISO documents must be submitted electronically in the approved ISO template and as a Word document as other formats will not be accepted.

Those regarding IEC documents should be sent to Tony Zertuche, General Secretary, USNC/IEC, at ANSI's New York offices (tzertuche@ansi.org). The final date for offering comments is listed after each draft.

ORDERING INSTRUCTIONS

ISO and IEC Drafts can be made available by contacting ANSI's Customer Service department. Please e-mail your request for an ISO or IEC Draft to Customer Service at sales@ansi.org. When making your request, please provide the date of the Standards Action issue in which the draft document you are requesting appears.

ISO Standards

Aircraft and space vehicles (TC 20)

ISO/DIS 5015-2, Unmanned aircraft systems - Part 2: Operation of vertiports for unmanned aircraft (UA) - 11/19/2021, FREE

Anaesthetic and respiratory equipment (TC 121)

ISO/DIS 11712, Anaesthetic and respiratory equipment - Supralaryngeal airways and connectors - 11/18/2021, FREE

Building construction (TC 59)

ISO/DIS 7817, Building information modelling - Level of information need - Concepts and principles - 11/20/2021, FREE

Floor coverings (TC 219)

ISO/DIS 24335, Laminate floor coverings - Determination of impact resistance - 11/19/2021, FREE

Fluid power systems (TC 131)

ISO/DIS 12151-2, Connections for hydraulic fluid power and general use - Hose fittings - Part 2: Hose fittings with ISO 8434-1 and ISO 8434-4 24 degree cone connector ends with O-rings - 11/11/2025, \$53.00

Industrial trucks (TC 110)

ISO 3691-3/DAMd1, Industrial trucks - Safety requirements and verification - Part 3: Additional requirements for trucks with elevating operator position and trucks specifically designed to travel with elevated loads - Amendment 1 - 11/22/2021, FREE

ISO/DIS 5057, Industrial trucks - Inspection and repair of fork arms in service on fork-lift trucks - 11/22/2021, FREE

ISO/DIS 13284, Fork-lift trucks - Fork arm extensions and telescopic fork arms - Technical characteristics and strength requirements - 11/7/2004, \$40.00

Paints and varnishes (TC 35)

ISO 16474-2/DAMd1, Paints and varnishes - Methods of exposure to laboratory light sources - Part 2: Xenon-arc lamps - Amendment 1: Classification of daylight filters - 11/19/2021, FREE

Plain bearings (TC 123)

ISO/DIS 3548-3, Plain bearings - Thin-walled half bearings with or without flange - Part 3: Measurement of peripheral length - 11/20/2021, FREE

Plastics pipes, fittings and valves for the transport of fluids (TC 138)

ISO/DIS 4437-4, Plastics piping systems for the supply of gaseous fuels - Polyethylene (PE) - Part 4: Valves - 11/22/2021, FREE

Road vehicles (TC 22)

ISO 20766-6/DAMd1, Road vehicles - Liquefied petroleum gas (LPG) fuel systems components - Part 6: Pressure relief valves (PRV) - Amendment 1 - 11/21/2021, FREE

ISO/DIS 3779, Road vehicles - Vehicle identification number (VIN) - Content and structure - 11/20/2021, FREE

ISO/DIS 3780, Road vehicles - World manufacturer identifier (WMI) code - 11/19/2021, FREE

ISO/DIS 20766-8, Road vehicles - Liquefied petroleum gas (LPG) fuel system components - Part 8: Fuel pump - 11/21/2021, FREE

ISO/DIS 20766-17, Road vehicles - Liquefied petroleum gas (LPG) fuel system components - Part 17: Gas dosage unit - 11/21/2021, FREE

ISO/DIS 20766-21, Road vehicles - Liquefied petroleum gas (LPG) fuel system components - Part 21: Pressure and/or temperature sensors - 11/21/2021, FREE

Rolling bearings (TC 4)

ISO/DIS 22872, Rolling bearings - Geometrical product specifications (GPS) - Symbols, terms and definitions associated with GPS - 11/19/2021, FREE

Steel (TC 17)

ISO/DIS 4943, Steel and cast iron - Determination of copper content - Flame atomic absorption spectrometric method - 11/20/2021, FREE

Steel wire ropes (TC 105)

ISO/DIS 4344, Steel wire ropes for lifts - Minimum requirements - 11/19/2021, FREE

Textiles (TC 38)

ISO/DIS 14389, Textiles - Determination of the phthalate content - Tetrahydrofuran method - 11/21/2021, FREE

ISO/DIS 4484-1, Textiles and textile products - Microplastics from textile sources - Part 1: Determination of material loss from fabrics during washing - 11/22/2021, FREE

Thermal insulation (TC 163)

ISO/DIS 24285, Thermal insulation for building equipment and industrial installations - Cellular glass products - Specification - 11/18/2021, FREE

Tractors and machinery for agriculture and forestry (TC 23)

ISO/DIS 11684, Tractors, machinery for agriculture and forestry, powered lawn and garden equipment - Safety signs and hazard pictorials - General principles - 11/21/2021, FREE

ISO/IEC JTC 1, Information Technology

ISO/IEC 29146/DAMd1, Information technology - Security techniques - A framework for access management - Amendment 1 - 11/19/2021, FREE

ISO/IEC DIS 29168-2, Information technology - Open systems interconnection - Part 2: Procedures for the object identifier resolution system operational agency - 11/20/2021, FREE

ISO/IEC DIS 30107-3, Information technology - Biometric presentation attack detection - Part 3: Testing and reporting - 11/21/2021, FREE

IEC Standards

34A/2254(F)/FDIS, IEC 62868-2-3 ED1: Organic light emitting diode (OLED) light sources for general lighting - Safety - Part 2-3: Particular requirements - Flexible OLED tiles and panels, 09/24/2021

46/827/CDV, IEC 62037-7 ED1: Passive RF and microwave devices, intermodulation level measurement - Part 7: Field measurements of passive intermodulation, 11/26/2021

46F/575/CDV, IEC 61169-69 ED1: Radio Frequency Connectors - Part 69: Sectional specification for series SMP3 RF coaxial connectors, 11/26/2021

62/393/NP, PNW 62-393 ED1: International Electrotechnical Vocabulary (IEV) - Part XXX: Electrical equipment, electrical systems and software used in healthcare, 11/26/2021

65C/1113/CDV, IEC 61139-2 ED1: Industrial networks - Single-drop digital communication interface - Part 2: Functional safety extensions, 11/26/2021

86A/2135/CD, IEC TR 63309 ED1: Active fibres - Characteristics and Measurement Methods - Guidance, 11/26/2021

90/484(F)/FDIS, IEC 61788-22-2 ED1: Normal state resistance and critical current measurement - High-Tc Josephson junction, 10/01/2021

94/536/NP, PNW 94-536 ED1: All-or-nothing electrical relays - Tests and Measurements - Part 7-12: Internal Moisture, 10/29/2021

126/35/FDIS, IEC 63277 ED1: Binary power generation systems with capacity less than 100 kW - Performance test methods, 10/15/2021

Audio, video and multimedia systems and equipment (TC 100)

100/3648/Q, Withdrawal of IEC 61966-5:2008 ED2 Multimedia systems and equipment - Colour measurement and management - Part 5: Equipment using plasma display panels, 10/15/2021

Cables, wires, waveguides, r.f. connectors, and accessories for communication and signalling (TC 46)

46/828/CDV, IEC 62037-8 ED1: Measurement of passive intermodulation generated by objects exposed to RF radiation, 11/26/2021

Capacitors and resistors for electronic equipment (TC 40)

40/2877/FDIS, IEC 61051-2 ED2: Varistors for use in electronic equipment - Part 2: Sectional specification for surge suppression varistors, 10/15/2021

Electric cables (TC 20)

20/1970(F)/FDIS, IEC 63294 ED1: Test methods for electric cables with rated voltages up to and including 450/750 V, 10/01/2021

Electrical accessories (TC 23)

23A/974/CDV, IEC 63355 ED1: Cable management systems - Test method for content of halogens, 11/26/2021

Electrical equipment in medical practice (TC 62)

62B/1254(F)/FDIS, IEC 62563-2 ED1: Medical electrical equipment - Medical image display systems - Part 2: Acceptance and constancy tests for medical image displays, 09/24/2021

Fibre optics (TC 86)

86B/4519/CD, IEC 61300-2-11 ED3: Fibre optic interconnecting devices and passive components - Basic test and measurement procedures - Part 2-11: Tests - Axial compression, 11/26/2021

86B/4523/NP, PNW 86B-4523 ED1: Fibre optic interconnecting devices and passive components - Fibre optic connector product specifications - Part 1-10: MPO-PC multimode connectors terminated on IEC 60793-2-10 category A1-OM2b to A1-OM5b fibre, 11/26/2021

Flat Panel Display Devices (TC 110)

110/1351/FDIS, IEC 62906-5-1 ED1: Laser displays - Part 5-1: Measurement of optical performance for laser front projection, 10/15/2021

Fuel Cell Technologies (TC 105)

105/874/NP, PNW 105-874 ED1: Fuel cell technologies - Part 3-202: Performance test methods of small stationary fuel cell power system that can be complemented with a supplementary heat generator for multiple units operation by EMS, 11/26/2021

Lamps and related equipment (TC 34)

34A/2243/CDV, IEC 60810/AMD2 ED5: Amendment 2 - Lamps, light sources and LED packages for road vehicles - Performance requirements, 11/26/2021

Maritime navigation and radiocommunication equipment and systems (TC 80)

80/1005(F)/CDV, IEC 63173-2 ED1: Maritime navigation and radiocommunication equipment and systems - Data interface - Part 2: Secure communication between ship and shore (SECOM), 11/12/2021

80/1009/DC, Proposed technical corrigendum to IEC 61097-2 ED4:2021, Global maritime distress and safety system (GMDSS) - Part 2: Cospas-Sarsat EPIRB - Emergency position indicating radio beacon operating on 406 MHz - Operational and performance requirements, methods of testing and required test results, 10/15/2021

Nuclear instrumentation (TC 45)

45/930/FDIS, IEC 63175 ED1: Fixed energy high intensity proton cyclotron within the energy range of 10 MeV to less than 30 MeV, 10/15/2021

Power system control and associated communications (TC 57)

57/2406/FDIS, IEC 61970-456 ED3: Energy management system application program interface (EMS-API) - Part 456: Solved power system state profiles, 10/15/2021

Process Management for Avionics (TC 107)

107/387/CD, IEC 62668-1/AMD1 ED1: Amendment 1 - Process management for avionics - Counterfeit prevention - Part 1: Avoiding the use of counterfeit, fraudulent and recycled electronic components, 11/26/2021

Rotating machinery (TC 2)

2/2068/FDIS, IEC 60034-18-32 ED2: Rotating electrical machines - Part 18-32: Functional evaluation of insulation systems (Type II) - Electrical endurance qualification procedures for form-wound windings, 10/15/2021

Safety of household and similar electrical appliances (TC 61)

61/6367/FDIS, IEC 60335-2-113/AMD1 ED1: Amendment 1 - Household and similar electrical appliances - Safety - Part 2-113: Particular requirements for beauty care appliances incorporating lasers and intense light sources, 10/15/2021

61/6368/FDIS, IEC 60335-2-52 ED4: Household and similar electrical appliances - Safety - Part 2-52: Particular requirements for oral hygiene appliances, 10/15/2021

61/6369/FDIS, IEC 60335-2-106 ED2: Household and similar electrical appliances - Safety - Part 2-106: Particular requirements for heated carpets and for heating units for room heating installed under removable floor coverings, 10/15/2021

61/6370/FDIS, IEC 60335-2-78 ED3: Household and similar electrical appliances - Safety - Part 2-78: Particular requirements for outdoor barbecues, 10/15/2021

61/6371/FDIS, IEC 60335-2-99 ED2: Household and similar electrical appliances - Safety - Part 2-99: Particular requirements for commercial electric hoods, 10/15/2021

61/6372/FDIS, IEC 60335-2-64 ED4: Household and similar electrical appliances - Safety - Part 2-64: Particular requirements for commercial electric kitchen machines, 10/15/2021

61/6373/FDIS, IEC 60335-2-50 ED5: Household and similar electrical appliances - Safety - Part 2-50: Particular requirements for commercial electric bains-marie, 10/15/2021

61/6374/FDIS, IEC 60335-2-39 ED7: Household and similar electrical appliances - Safety - Part 2-39: Particular requirements for commercial electric multi-purpose cooking pans, 10/15/2021

61/6375/FDIS, IEC 60335-2-38 ED6: Household and similar electrical appliances - Safety - Part 2-38: Particular requirements for commercial electric griddles and griddle grills, 10/15/2021

61/6376/FDIS, IEC 60335-2-37 ED7: Household and similar electrical appliances - Safety - Part 2-37: Particular requirements for commercial electric doughnut fryers and deep fat fryers, 10/15/2021

61/6377/FDIS, IEC 60335-2-36 ED7: Household and similar electrical appliances - Safety - Part 2-36: Particular requirements for commercial electric cooking ranges, ovens, hobs and hob elements, 10/15/2021

61/6378/FDIS, IEC 60335-2-59 ED4: Household and similar electrical appliances - Safety - Part 2-59: Particular requirements for insect killers, 10/15/2021

61/6379/FDIS, IEC 60335-2-55 ED4: Household and similar electrical appliances - Safety - Part 2-55: Particular requirements for electrical appliances for use with aquariums and garden ponds, 10/15/2021

61/6380/FDIS, IEC 60335-2-28 ED5: Household and similar electrical appliances - Safety - Part 2-28: Particular requirements for sewing machines, 10/15/2021

61/6381/FDIS, IEC 60335-2-13 ED7: Household and similar electrical appliances - Safety - Part 2-13: Particular requirements for deep fat fryers, frying pans and similar appliances, 10/15/2021

61/6382/FDIS, IEC 60335-2-10 ED6: Household and similar electrical appliances - Safety - Part 2-10: Particular requirements for floor treatment machines and wet scrubbing machines, 10/15/2021

Semiconductor devices (TC 47)

47E/768/CD, IEC 60747-16-9 ED1: Semiconductor devices - Part 16 -9: Microwave integrated circuits - Phase shifters, 11/26/2021

Solar photovoltaic energy systems (TC 82)

82/1932/CDV, IEC 61215-1-3/AMD1 ED2: Amendment 1 - Terrestrial photovoltaic (PV) modules - Design qualification and type approval - Part 1-3: Special requirements for testing of thin-film amorphous silicon based photovoltaic (PV) modules, 11/26/2021

82/1933/CDV, IEC 61215-1-4/AMD1 ED2: Amendment 1 - Terrestrial photovoltaic (PV) modules - Design qualification and type approval - Part 1-4: Special requirements for testing of thin-film Cu(In,Ga)(S,Se)₂ based photovoltaic (PV) modules, 11/26/2021

82/1936(F)/FDIS, IEC 60891 ED3: Photovoltaic devices - Procedures for temperature and irradiance corrections to measured I-V characteristics, 09/24/2021

Standard voltages, current ratings and frequencies (TC 8)

8/1600/FDIS, IEC 60038/AMD1 ED7: IEC standard voltages, 10/15/2021

8A/90/CD, IEC TR 63411 ED1: Grid Connection of Offshore Wind via VSC-HVDC System, 10/29/2021

8B/102/NP, PNW TS 8B-102 ED1: Guideline for the adjustment potential evaluation of demand side resources, 11/26/2021

Wind turbine generator systems (TC 88)

88/842/CD, IEC TS 61400-30 ED1: Wind energy generation systems - Part 30: Safety of Wind Turbine Generator Systems (WTGs) - General principles for design, 11/26/2021

88/843/CD, IEC 61400-4 ED2: Wind energy generation systems - Part 4: Design requirements for wind turbine gearboxes, 11/26/2021



Newly Published IEC Standards

Listed here are new and revised standards recently approved and promulgated by IEC – the International Electrotechnical Commission. Most are available at the ANSI Electronic Standards Store (ESS) at www.ansi.org. All paper copies are available from Standards resellers (<http://webstore.ansi.org/faq.aspx#resellers>).

Audio, video and multimedia systems and equipment (TC 100)

[IEC 60958-3 Ed. 4.0 en:2021](#), Digital audio interface - Part 3: Consumer applications, \$392.00

[S+ IEC 60958-3 Ed. 4.0 en:2021 \(Redline version\)](#), Digital audio interface - Part 3: Consumer applications, \$510.00

Degrees of protection by enclosures (TC 70)

[IEC 62262 Amd.1 Ed. 1.0 b:2021](#), Amendment 1 - Degrees of protection provided by enclosures for electrical equipment against external mechanical impacts (IK code), \$25.00

[IEC 62262 Ed. 1.1 b:2021](#), Degrees of protection provided by enclosures for electrical equipment against external mechanical impacts (IK code), \$82.00

Electrical equipment in medical practice (TC 62)

[IEC 60601-2-41 Ed. 3.0 b:2021](#), Medical electrical equipment - Part 2 -41: Particular requirements for the basic safety and essential performance of surgical luminaires and luminaires for diagnosis, \$354.00

Fibre optics (TC 86)

[IEC 61753-111-07 Ed. 1.0 b:2021](#), Fibre optic interconnecting devices and passive components - Performance standard - Part 111-07: Sealed closures - Category A - Aerial, \$221.00

[S+ IEC/TR 62000 Ed. 3.0 en:2021 \(Redline version\)](#), Guidelines for combining different single-mode fibre sub-categories, \$66.00

Power capacitors (TC 33)

[IEC 60143-2 Ed. 2.1 b:2021](#), Series capacitors for power systems - Part 2: Protective equipment for series capacitor banks, \$266.00

[IEC 60143-2 Amd.1 Ed. 2.0 b:2021](#), Amendment 1 - Series capacitors for power systems - Part 2: Protective equipment for series capacitor banks, \$13.00

Safety of household and similar electrical appliances (TC 61)

[IEC 60335-2-74 Ed. 3.0 b:2021](#), Household and similar electrical appliances - Safety - Part 2-74: Particular requirements for portable immersion heaters, \$89.00

[S+ IEC 60335-2-74 Ed. 3.0 en:2021 \(Redline version\)](#), Household and similar electrical appliances - Safety - Part 2-74: Particular requirements for portable immersion heaters, \$115.00

Semiconductor devices (TC 47)

[IEC 62047-40 Ed. 1.0 en:2021](#), Semiconductor devices - Micro-electromechanical devices - Part 40: Test methods of micro-electromechanical inertial shock switch threshold, \$51.00

Superconductivity (TC 90)

[IEC 61788-17 Ed. 2.0 b:2021](#), Superconductivity - Part 17: Electronic characteristic measurements - Local critical current density and its distribution in large-area superconducting films, \$310.00

Surface mounting technology (TC 91)

[IEC 61189-2-807 Ed. 1.0 b:2021](#), Test methods for electrical materials, printed boards and other interconnection structures and assemblies - Part 2-807: Test methods for materials for interconnection structures - Decomposition temperature (Td) using TGA, \$51.00

Terminology (TC 1)

[IEC 60050-103 Amd.4 Ed. 1.0 b:2021](#), Amendment 4 - International Electrotechnical Vocabulary (IEV) - Part 103: Mathematics - Functions, \$13.00

[IEC 60050-131 Amd.5 Ed. 2.0 b:2021](#), Amendment 5 - International Electrotechnical Vocabulary (IEV) - Part 131: Circuit theory, \$13.00

[IEC 60050-466 Amd.3 Ed. 1.0 b:2021](#), Amendment 3 - International Electrotechnical Vocabulary (IEV) - Part 466: Overhead lines, \$13.00

[IEC 60050-705 Amd.7 Ed. 1.0 b:2021](#), Amendment 7 - International Electrotechnical Vocabulary (IEV) - Part 705: Radio wave propagation, \$13.00

[IEC 60050-715 Amd.3 Ed. 1.0 b:2021](#), Amendment 3 - International Electrotechnical Vocabulary (IEV) - Part 715: Telecommunication networks, teletraffic and operation, \$13.00

[IEC 60050-721 Amd.5 Ed. 1.0 b:2021](#), Amendment 5 - International Electrotechnical Vocabulary (IEV) - Part 721: Telegraphy, facsimile and data communication, \$13.00

[IEC 60050-723 Amd.7 Ed. 1.0 b:2021](#), Amendment 7 - International Electrotechnical Vocabulary (IEV) - Part 723: Broadcasting: Sound, television, data, \$13.00

[IEC 60050-726 Amd.7 Ed. 1.0 b:2021](#), Amendment 7 - International Electrotechnical Vocabulary (IEV) - Part 726: Transmission lines and waveguides, \$13.00

[IEC 60050-801 Amd.4 Ed. 2.0 b:2021](#), Amendment 4 - International Electrotechnical Vocabulary (IEV) - Part 801: Acoustics and electroacoustics, \$13.00

[IEC 60050-811 Amd.1 Ed. 2.0 b:2021](#), Amendment 1: International Electrotechnical Vocabulary (IEV) - Part 811: Electric traction, \$13.00

IEC Technical Reports

Electrical Energy Storage (EES) Systems (TC 120)

[IEC/TR 62933-2-200 Ed. 1.0 en:2021](#), Electrical energy storage (EES) systems - Part 2-200: Unit parameters and testing methods - Case study of electrical energy storage (EES) systems located in EV charging station with PV, \$310.00

Fibre optics (TC 86)

[IEC/TR 62000 Ed. 3.0 en:2021](#), Guidelines for combining different single-mode fibre sub-categories, \$51.00

IEC Technical Specifications

Standard voltages, current ratings and frequencies (TC 8)

[IEC/TS 63102 Ed. 1.0 en:2021](#), Grid code compliance assessment methods for grid connection of wind and PV power plants, \$259.00

Registration of Organization Names in the United States

The Procedures for Registration of Organization Names in the United States of America (document ISSB 989) require that alphanumeric organization names be subject to a 90-day Public Review period prior to registration. For further information, please contact the Registration Coordinator at (212) 642-4975.

When organization names are submitted to ANSI for registration, they will be listed here alphanumerically.

Alphanumeric names appearing for the first time are printed in bold type. Names with confidential contact information, as requested by the organization, list only public review dates.

Public Review

FiRa

Public Review: June 25 through September 27, 2021

NOTE: Challenged alphanumeric names are underlined. The Procedures for Registration provide for a challenge process, which follows in brief. For complete details, see Section 6.4 of the Procedures.

A challenge is initiated when a letter from an interested entity is received by the Registration Coordinator. The letter shall identify the alphanumeric organization name being challenged and state the rationale supporting the challenge. A challenge fee shall accompany the letter. After receipt of the challenge, the alphanumeric organization name shall be marked as challenged in the Public Review list. The Registration Coordinator shall take no further action to register the challenged name until the challenge is resolved among the disputing parties.

Proposed Foreign Government Regulations

Call for Comment

U.S. manufacturers, exporters, regulatory agencies and standards developing organizations may be interested in proposed foreign technical regulations notified by Member countries of the World Trade Organization (WTO). In accordance with the WTO Agreement on Technical Barriers to Trade (TBT Agreement), Members are required to notify proposed technical regulations that may significantly affect trade to the WTO Secretariat in Geneva, Switzerland. In turn, the Secretariat issues and makes available these notifications. The purpose of the notification requirement is to provide global trading partners with an opportunity to review and comment on the regulations before they become final.

The USA Inquiry Point for the WTO TBT Agreement is located at the National Institute of Standards and Technology (NIST) in the Standards Coordination Office (SCO). The Inquiry Point distributes the notified proposed foreign technical regulations (notifications) and makes the associated full-texts available to U.S. stakeholders via its online service, Notify U.S. Interested U.S. parties can register with Notify U.S. to receive e-mail alerts when notifications are added from countries and industry sectors of interest to them. To register for Notify U.S., please visit: <http://www.nist.gov/notifyus/>.

The USA WTO TBT Inquiry Point is the official channel for distributing U.S. comments to the network of WTO TBT Enquiry Points around the world. U.S. business contacts interested in commenting on the notifications are asked to review the comment guidance available on Notify U.S. at: <https://tsapps.nist.gov/notifyus/data/guidance/guidance.cfm> prior to submitting comments.

For further information about the USA TBT Inquiry Point, please visit: <https://www.nist.gov/standardsgov/what-we-do/trade-regulatory-programs/usa-wto-tbt-inquiry-point> Contact the USA TBT Inquiry Point at (301) 975-2918; F: (301) 926-1559; E: usatbtep@nist.gov or notifyus@nist.gov.

Not for publication. This document is part of the NSF International standard development process. This draft text is for circulation for review and/or approval by an NSF Standards Committee and has not been published or otherwise officially adopted. All rights reserved. This document may be reproduced for informational purposes only.

[Note – the recommended changes to the standard which include the current text of the relevant section(s) indicate deletions by use of ~~strikeout~~ and additions by gray highlighting. **Yellow highlighting** indicates changes from r1. Rationale statements are in *italics* and only used to add clarity; these statements will NOT be in the finished publication.]

NSF/ANSI Standard for Drinking Water Treatment Units –

Drinking Water Treatment Units – Aesthetic Effects

7 Elective performance claims – Test methods

-
-
-

7.3 Chemical reduction testing

-
-
-

7.3.3 Chlorine reduction testing

7.3.3.1 Claims

Claims for chlorine reduction may be made when tested in accordance with Section 7.3.3. To qualify for a chlorine reduction claim, the system shall reduce the concentration of chlorine from the influent challenge so that, prior to the final sample point establishing capacity, ~~400% sample point~~, 90% of the product water sample concentrations demonstrate a greater than or equal to 50.0% reduction of the influent water concentration. ~~are less than or equal to the maximum product water concentrations in Table 7.3.~~ Samples collected at the final sample point establishing capacity shall demonstrate a greater than or equal to 50.0% reduction of the influent water concentration. ~~400% sample point shall be greater than or equal to the percent reduction requirement in Table 7.3.~~

7.3.3.1.1 Chlorine reduction claim

The systems shall reduce an influent challenge concentration of 2.0 mg/L FAC by a minimum of 50%.

7.3.3.1.2 Taste and odor reduction claims

Taste and odor reduction claims shall be allowed only for activated carbon systems that meet the requirements of Section 7.3.3 for chlorine reduction. For activated carbon systems that also contain an additional chlorine reactive media, the chlorine reduction test shall be performed using a test system that does not contain the additional media in order to make the taste and odor reduction claim.

Tracking number 42i114r2
© 2021 NSF International

Revision to NSF/ANSI 42-2020
Issue 114 Revision 2 (August 2021)

Not for publication. This document is part of the NSF International standard development process. This draft text is for circulation for review and/or approval by an NSF Standards Committee and has not been published or otherwise officially adopted. All rights reserved. This document may be reproduced for informational purposes only.

**Table 7.3
Chlorine reduction**

	Average influent challenge concentration	Individual influent sample point limits¹	Percent reduction requirement	Compound
chlorine	2.0 mg/L ± 10%	2.0 mg/L ± 20%	≥ 50%	sodium hypochlorite

¹ Equals average influent challenge concentration variability plus one of the following, in order of availability:

1. Acceptable continuing calibration verification (CCV) limits stated in the appropriate US EPA Method.
2. Acceptable spike recoveries as stated in the appropriate US EPA Method.
3. Opinion of laboratory professionals – No guidance available in US EPA Method.

7.3.5.7.3 POE systems

One system shall be conditioned in accordance with the manufacturer's instructions and Section 7.3.5.7. The system shall be tested using the appropriate influent challenge at the manufacturer's rated service flow rate and an initial dynamic pressure of 410 ± 20 kPa (60 ± 3 psig). The pressure shall not be readjusted, although the system may experience some change in dynamic pressure. The system shall be operated continuously 16 h per 24-h period followed by an 8-h rest under pressure or if requested by the manufacturer the systems shall be operated on a 50% on / 50% off basis, 16 h per 24-h period, followed by an 8-h rest under pressure. The cycle time shall be no shorter than 20 min.

7.3.5.8 Sampling

Collection of influent challenge and product water samples shall begin during the on portion of the cycle after the passage of 10 unit volumes of the influent challenge and at 10%, 20%, 30%, 40%, 50%, 60%, 70%, 80%, 90%, and 100%, and ~~120%~~ of the estimated capacity.

7.3.6 pH adjustment testing

-
-
-

Rationale: Revised language per 2021 DWTU JC meeting discussion (May 12, 2021) to clarify that 90% of the sampling points prior to and at the final sample point establishing capacity must show a percent reduction of greater than or equal to 50%. This ballot also revises section 7.3.5.8, which incorrectly listed a sampling point at 120% capacity. NSF/ANSI 42 only requires sampling to 100% of the estimated capacity.

Revision 2 revises 7.3.3.1 chlorine reduction from 50.0% to 50% to be consistent with the original intention and as listed throughout the rest of the standard.

Not for publication. This document is part of the NSF International standard development process. This draft text is for circulation for review and/or approval by a NSF Standards Committee and has not been published or otherwise officially adopted. All rights reserved. This document may be reproduced for informational purposes only.

[Note – the recommended changes to the standard which include the current text of the relevant section(s) indicate deletions by use of ~~strikeout~~ and additions by gray highlighting. Rationale statements are in *italics* and only used to add clarity; these statements will NOT be in the finished publication.]

NSF/ANSI Standard for Drinking Water Treatment Units –

Ultraviolet Microbiological Water Treatment Systems

Normative Annex 1

Ultraviolet water treatment systems microbial reduction – MS-2 and T1 procedures

N-1.8 Culture of challenge organisms

N-1.8.1 MS-2 coliphage

N-1.8.1.1 Stock culture preparation of MS-2 coliphage

NOTE — This section describes the propagation and harvesting methods for stock suspensions of MS-2 coliphage for use as a challenge suspension for low flow (< 1 GPM) water treatment units. If units possessing a flow rate greater than 1 GPM are to be tested, the stock preparation procedure may have to be repeated multiple times to achieve the required volume of MS-2 coliphage. This method should also be repeated when cryogenic stocks are low.

- a) One day or two days prior to preparation of MS-2 Coliphage stock, a cryogenically frozen *E. coli* ATCC #15597 host strain shall be thawed. One TSB tube shall be inoculated with 0.1 mL of the stock suspension. The stock suspension shall be incubated at $35 \pm 1^\circ\text{C}$ ($95 \pm 1.8^\circ\text{F}$) for 18 ± 2 hours or 46 ± 2 hours.

Rationale: Revised to reflect a process improvement effort of laboratory operations.

Normative Annex 2

Ultraviolet water treatment systems microbial reduction – Q β procedures

N-2.7 Culture of challenge organisms

N-2.7.1 Q β coliphage

N-2.7.1.1 Stock culture preparation of Q β coliphage

Tracking number 55i60r1
© 2021 NSF International

Revision to NSF/ANSI 55-2020
Issue 60 Revision 1 (August 2021)

NOTE — This section describes the propagation and harvesting methods for stock suspensions of Q β coliphage for use as a challenge suspension for low flow (< 1 GPM) water treatment units. If units possessing a flow rate greater than 1 GPM are to be tested, the stock preparation procedure may have to be repeated multiple times to achieve the required volume of Q β coliphage. This method should also be repeated when cryogenic stocks are low.

b) One day or two days prior to preparation of Q β Coliphage stock, a cryogenically frozen *E. coli* ATCC #23631 host strain shall be thawed. One TSB tube shall be inoculated with 0.1 mL of the stock suspension. The stock suspension shall be incubated at 35 ± 1 °C (95 ± 4 1.8 °F) for 18 ± 2 h hours or 46 ± 2 hours.

Rationale: Revised to reflect a process improvement effort of laboratory operations.

Tracking number 455-2i26r2 et al
© 2021 NSF International
455-2i26r2, 455-3i33r2, 455-4i39r2

Revision to NSF/ANSI 455-2-2020
Issue 26 Revision 2 (August 2021)

Not for publication. This document is part of the NSF International standard development process. This draft text is for circulation for review and/or approval by an NSF Standards Committee and has not been published or otherwise officially adopted. All rights reserved. This document may be reproduced for informational purposes only.

[Note – the recommended changes to the standard which include the current text of the relevant section(s) indicate deletions by use of ~~strikeout~~ and additions by **gray highlighting**. Rationale statements are in *italics* and only used to add clarity; these statements will NOT be in the finished publication.]

NSF/ANSI Standard for GMP for Dietary Supplements –

Good Manufacturing Practices for Dietary Supplements

-
-
-

5 Audit process

-
-
-

5.4 Audit planning

-
-
-

5.4.2 Cosmetic cGMP audit – guidelines for determining audit duration

A cosmetics cGMP audit consists of administrative activities and audit time at the facility:

- administrative activities include preparing the audit plan, generating audit forms, and finalizing the audit documents; and
- the audit time at the facility consists of (fairly) standard audit times for reviewing support systems such as personnel, training, maintenance, laboratories, internal audit process, and recall, and a variable portion of time auditing the plant/facility operation. The variable portion depends upon the number and complexity of the product technologies employed in the plant / facility and the number of product categories produced. However, a product technology may be used to manufacture a number of different types of product categories. For example, if a manufacturing technology is utilized for more than one type of product the audit of that technology for one type of product may be sufficient for certification purposes.

The CB determines the audit duration and number of auditors. The audit plan typically calls for a single auditor. Additional auditors may participate in the case of (1) very large facilities, (2) shadowing / training purposes, or (3) a re-audit of an antagonistic, challenging, or recalcitrant auditee.

Two types of audits are conducted: certification audits and monitoring audits.

Audit duration is dependent ~~A certification audit is generally completed in two days, but may be more or less depending~~ upon the size of the facility and the complexity of the product categories and technologies. The two day audit is based on a cosmetics manufacturer with up to five product categories, and up to three technologies conducted in a single facility. The base case assumes that water is a raw material ingredient, and that one or more materials or products require micro quality testing.

Larger facilities with multiple buildings, more than five product categories, and more than three technologies may require additional audit time, or multiple auditors, or both.

Tracking number 455-2i26r2 et al
 © 2021 NSF International
 455-2i26r2, 455-3i33r2, 455-4i39r2

Revision to NSF/ANSI 455-2-2020
 Issue 26 Revision 2 (August 2021)

Not for publication. This document is part of the NSF International standard development process. This draft text is for circulation for review and/or approval by an NSF Standards Committee and has not been published or otherwise officially adopted. All rights reserved. This document may be reproduced for informational purposes only.

Facilities with a specialized, limited product may be audited in one day. Examples of this type of facility include ~~raw material ingredient supplier, packaging component supplier,~~ and a manufacturer of a nonaqueous, nonmicrobially sensitive cosmetic product.

Table 5.1 below presents guidelines for the minimum length of the certification audit and number of auditors for various plant / facility types:

**Table 5.1
 Guidelines for audit duration**

Facility size:	Raw / packaging material	Specialized	Standard	Large
product categories	single	single, multiple flavors	up to five	more than five
technologies	single	single	up to three	four or more
facility buildings	single	single	single	one to three
shifts	up to three	single or part time	up to three	upto three
days of operation	five or less	five or less	up to seven	up to seven
water as an ingredient	yes or no	no	yes	yes
microquality testing	yes or no	no	yes	yes
number of auditors	one	one	one	two
audit days	one	one	two	two to three

The audit duration and resource requirement may be adjusted based on knowledge of the manufacturer and its operation, regulatory history, and focus of the audit.

A monitoring audit may be conducted to assess progress against corrective actions and to verify completion of corrective actions. The duration of the audit is determined by the CB, based on the number and severity of the nonconformances and the related corrective actions.

-
-
-

Not for publication. This document is part of the NSF International standard development process. This draft text is for circulation for review and/or approval by an NSF Standards Committee and has not been published or otherwise officially adopted. All rights reserved. This document may be reproduced for informational purposes only.

[Note – the recommended changes to the standard which include the current text of the relevant section(s) indicate deletions by use of ~~strikeout~~ and additions by **grey highlighting**. Rationale Statements are in *italics* and only used to add clarity; these statements will NOT be in the finished publication.]

NSF/ANSI Standard

Equipment and Chemicals for Swimming Pools, Spas, Hot Tubs, and other Recreational Water Facilities

Evaluation criteria for materials, components, products, equipment, and systems for use at recreational water facilities

-
-
-

24 Flow metering device

-
-
-

24.11 Display resolution

For linear display scales, the meter display shall be a minimum of 2.00 in (50.8 mm) in linear length. For circular displays, the meter display shall be a minimum of 6.30 in (160 mm) in circumference. There shall be a minimum of ten measurement points displayed on the scale. The minimum distance between the measurement points shall be ~~0.20 in (5.08 mm)~~ 0.10 in (2.54 mm). The scale reading line thickness shall be a minimum of 0.020 in (0.05 cm) thick.

For digital displays, the minimum digit height shall be 0.20 in (5.08 mm). The display shall indicate to within 1 US GPM or a value equal to at least 10% of the lowest scale reading.

-
-
-

24.14 Installation and operation manual

A manual shall be provided with each flow metering device and shall include:

- instructions for installation, including details of acceptable pipe sizes, piping configurations, installation orientations, etc.;
- any nonrecommended piping sizes, configurations and installation orientations, etc.;
- instructions for use. **Instructions shall include guidance on how to read the device;**
- head loss for each allowable or recommended piping size, configuration, and installation;

Tracking #50i176r1
© 2021 NSF International

Revision to NSF/ANSI 50-2020
Issue 176, Revision 1 (August 2021)

Not for publication. This document is part of the NSF International standard development process. This draft text is for circulation for review and/or approval by an NSF Standards Committee and has not been published or otherwise officially adopted. All rights reserved. This document may be reproduced for informational purposes only.

- working flow rate range (i.e., 20 to 100 US GPM) (76 to 379 LPM) if not visible when looking elsewhere on the product;
- accuracy level (i.e., Level 1 or L1) if not visible when looking elsewhere on the product;
- maximum working pressure;
- troubleshooting guide (if applicable);
- instructions for service and serviceable components and parts (if applicable);
- manufacturer recommended replacement parts (if applicable);
- contact information for the manufacturer or service company; and
- the specific gravity of the fluid used for certification if other than water (specific gravity $1.0 \pm .05$).

BSR/UL 588, Standard for Safety for Seasonal and Holiday Decorative Products

2. Withdrawal of Proposal: Revise 0.6A Limit on Series Strings

PROPOSAL

If the 2021-06-11 proposal is withdrawn, the current requirements in the standard would remain unchanged as shown below:

Table 6.1
Wire types and overcurrent protection ratings for series-connected seasonal lighting products

	Non-polarized fittings		Polarized Fittings	
	With Load fitting	Without load fitting	With load fitting	Without load fitting
Minimum wire size, AWG (mm ²)	22(0.32) ^a	22(0.32) ^a	20(0.52) ^a	22(0.32) ^a
Wire type	CXTW, XTW ^a	CXTW, XTW ^a	CXTW, XTW ^a	CXTW, XTW ^a
Maximum current rating, Amperes	0.6	0.6	0.6	1.8
Total maximum wattage of strings allowed to be connected together, end-to-end	216 Watts	-	432 Watts	-
Fuse ratings, Amperes	3	3	5	3
Fuse location	Grounded and ungrounded conductor	Grounded and ungrounded conductor	Ungrounded conductor (hot)	Ungrounded conductor (hot)
On/Off switch and type (if located in other than a Class 2 circuit)	Double-pole in both conductors	Double-pole in both conductors	Single-pole ungrounded (hot)	Single-pole ungrounded conductor (hot)
See Figure	Figure 7.4, Figure 7.6, Figure 7.15	Figure 7.3, Figure 7.7, Figure 7.13	Figure 7.6, Figure 7.10, Figure 7.16	Figure 7.5, Figure 7.9, Figure 7.14
^a A motorized product shall employ minimum 20 AWG Type SPT-2 wire for the supply connections. See Figure 7.11-Figure 7.16				

13.4.2 A non-polarized configuration shall not be employed on a product with an input current greater than 0.6 A.

28.2 The maximum current draw for a series-connected string shall be 0.6 A.

28.4 The two larger size lampholders in each of the series-connected strings described in 28.3 are for the accommodation of current-limiting ballast lamps. Each of these ballast lamps is to be rated for at least 60 V and the two in series, alone, are to limit current to less than or equal to 0.6 A.

121.2 A product employing a non-polarized attachment plug shall not have a current rating that exceeds 0.6 A.

Exception: A decorative outfit employing up to 3 series- or series-parallel-connected lights is able to have a maximum current rating of 1.8 A.

121.5 A series- or series-parallel-connected decorative lighting string or decorative outfit without a load fitting, employing a polarized attachment plug, and with a current rating that exceeds 0.6 A shall be marked in accordance with 125.5.2.

125.5.1 A series-connected lighting string with an input current greater than 0.6 A but not exceeding 1.8 A shall be marked with the following: "CAUTION – Do not connect to another lighting string, decorative outfit, or seasonal product."

UL copyrighted material. Not authorized for further reproduction without prior permission from UL.

BSR/UL 746B, Standard for Safety for Polymeric Materials – Long Term Property Evaluations

1. Inclusion of an Exception into the Generic RTI of Polycarbonate (PC) in Table 7.1

Note from the STP Project Manager: The version of Table 7.1 provided with this proposal does not represent the complete table.

Table 7.1

Relative thermal indices based upon past field-test performance and chemical structure^a

Material	ISO designation	Generic thermal index, °C
Polyamide ^b	PA	65
Polycarbonate ^{b,m}	PC	80
Polycarbonate/Siloxane Copolymer ^j	PC/Siloxane	80
^m Non-aromatic Polycarbonates including those based on isobutide monomer receive a generic RTI assignment of 50°C.		

UL Copyrighted material. Not authorized for further reproduction without prior permission from UL.

BSR/UL 797A, Standard for Electrical Metallic Tubing - Aluminum and Stainless Steel

1. Electrical Metallic Tubing, Addition of trade sizes 5" & 6" in Aluminum

PROPOSAL

PROPOSAL

1.1 These requirements cover aluminum and stainless steel electrical metallic tubing (EMT) and elbows in trade sizes 3/8 – 6 (12 – 155) for use as a metal raceway for the installation of wires and cables in accordance with the National Electrical Code. The values in parentheses are metric designators of tubing.

4.4 Raised surfaces provided on the interior wall along the length of the tubing shall:

- a) Be without any sharp edges or sharp projections;
- b) Not exceed 0.38 mm (0.015 in) in height for the trade size 16 – 53 (1/2 – 2) or 0.51 mm (0.020 in) in height for the trade size 63 – 155 (2-1/2 – 6); and
- c) Not result in a total reduction of the internal diameter of the tubing of greater than 4% of the values identified in Table 6.2 when calculated also considering with the welded seam of the tube.

Table 6.1
Length

Trade size (Metric designator)		Maximum length, feet (meters)	
1/2 – 3/4	16 – 21	10' 1/4"	3.05
1 – 2	27 – 53	15' 1/4"	4.58
2-1/2 – 6	63 – 155	20' 1/4"	6.10

Table 6.2
Dimensions and weight in USA customary units

Trade size	(Metric designator)	External diameter in inches	Internal diameter in inches (not a requirement)	Wall thickness in inches (not a requirement)	Aluminum minimum weight in pounds per foot of length ^a	Stainless steel minimum weight in pounds per foot of length ^c
1/2	16	0.706 ±0.005	0.622	0.042	0.099	0.300

Trade size	(Metric designator)	External diameter in inches	Internal diameter in inches (not a requirement)	Wall thickness in inches (not a requirement)	Aluminum minimum weight in pounds per foot of length ^a	Stainless steel minimum weight in pounds per foot of length ^c
3/4	21	0.922 ±0.005	0.824	0.049	0.151	0.500
1	27	1.163 ±0.005	1.049	0.057	0.221	0.680
1-1/4	35	1.510 ±0.005	1.380	0.065	0.329	1.000
1-1/2	41	1.740 ±0.005	1.610	0.065	0.381	1.100
2	53	2.197 ±0.005	2.067	0.065	0.484	1.380
2-1/2	63	2.875 ±0.010	2.731	0.072	0.717	b
3	78	3.500 ±0.015	3.356	0.072	0.875	b
3-1/2	91	4.000 ±0.020	3.834	0.083	1.137	b
4	103	4.500 ±0.020	4.334	0.083	1.295	b
5	129	5.563 ± 0.020	5.373	0.095	1.828	b
6	155	6.625 ± 0.030	6.435	0.095	2.184	b

a The minimum weight of 1/2 – 6 trade sizes of nonferrous tubing was determined by multiplying the weight shown for aluminum tubing by the ratio of A to B: where A is the density (in pounds per cubic inch) of the nonferrous alloy used; and B is 0.098, which is the density of aluminum in pounds per cubic inch.

b The minimum weight of the 2-1/2 – 6, and 4 trade sizes of tubing is to be established by investigation of the effect that the dimensions and the particular alloy used have on the strength and rigidity of the finished tubing.

c The weight shown is for a stainless steel alloy (Type 304 or 316) with a density of 0.284 pound mass per cubic inch. For a stainless steel alloy of a different density, the minimum weight shall be determined by multiplying the weight shown by the ratio of the density of the alloy used in pound mass per cubic inch to 0.284.

Table 6.3
Dimensions and weight in metric units

Trade size	(Metric designator)	External diameter in mm	Internal diameter in mm (not a requirement)	Wall thickness in mm (not a requirement)	Aluminum minimum weight in kilograms per meter of length ^a	Stainless steel, minimum weight in kilograms per meter of length ^c
1/2	16	17.93 ±0.13	15.80	1.07	0.197	0.136
3/4	21	23.42 ±0.13	20.93	1.24	0.224	0.226
1	27	29.54 ±0.13	26.64	1.45	0.329	0.308
1-1/4	35	38.35 ±0.13	35.05	1.65	0.489	0.453
1-1/2	41	44.20 ±0.13	40.89	1.65	0.566	0.498
2	53	55.80 ±0.13	52.50	1.65	0.721	0.625
2-1/2	63	73.03 ±0.25	3.051	1.83	0.830	b
3	78	88.90 ±0.38	3.720	1.83	0.397	b
3-1/2	91	101.60 ±0.50	4.837	2.11	0.516	b
4	103	114.30 ±0.50	5.506	2.11	0.587	b
5	129	141.30 ± 0.50	136.46	2.41	2.721	b
6	155	168.28 ± 0.76	163.45	2.41	3.249	b

a The minimum weight of 1/2 – 6 trade sizes of nonferrous tubing was determined by multiplying the weight shown for aluminum tubing by the ratio of A to B: where A is the density (in kilograms per cubic meter) of the nonferrous alloy used; and B is 2710, which is the density of aluminum in kilograms per cubic meter.

b The minimum weight of the 2-1/2 – 6, and 4 trade sizes of tubing is to be established by investigation of the effect that the dimensions and the particular alloy used have on the strength and rigidity of the finished tubing.

c The weight shown is for a stainless steel alloy (Type 304 or 316) with a density of 7861 kg/m³. For a stainless steel alloy of a different density, the minimum weight shall be determined by multiplying the weight shown by the ratio of the density of the alloy used in kg/m³ to 7861.

Table 7.1
Minimum dimensions of elbows

Radius R to center line of tube,		Shortest length Ls of each straight end portion of tubing,			
Trade size	(Metric designator)	inches		(mm)	
		inches	(mm)	inches	(mm)
1/2	16	4	102	1-1/2	38
3/4	21	4-1/2	114	1-1/2	38
1	27	5-3/4	146	1-7/8	48
1-1/4	35	7-1/4	184	2	51
1-1/2	41	8-1/4	210	2	51
2	53	9-1/2	241	2	51
2-1/2	63	10-1/2	267	3	76
3	78	13	330	3-1/8	79
3-1/2	91	15	381	3-1/4	83
4	103	16	406	3-3/8	86
5	129	24	610	3-5/8	92
6	155	30	762	3-3/4	95

Copyright © 2021 Underwriters Laboratories Inc.

UL copyrighted material. Not authorized for further reproduction without prior permission from UL.

BSR/UL 2127, Standard for Inert Gas Clean Agent Extinguishing System Units

1. Electronic Documentation for Fire Suppression Standards

PROPOSAL

57.5A In lieu of an owner's manual ~~shipped~~ provided with each system as referenced in 58.1, the information to be included in the owner's manual (reference Section 6) is permitted to be included on the cylinder/valve assembly nameplate.

58.3 When the manuals referenced in 58.1 are not included with each system, an owner's manual shall be provided with each system ~~shipment~~ by one of the following means:

- a) Printed paper media
- b) Printed as part of the nameplate (referenced in Section 57.5A).

UL copyrighted material. Not authorized for further reproduction without prior permission from UL.

BSR/UL 2166, Standard for Halocarbon Clean Agent Extinguishing System Units

1. Electronic Documentation for Fire Suppression Standards

PROPOSAL

58.2 Operating, recharging, inspection and maintenance instructions shall be marked on the cylinder/valve assembly and shall include at least the following information:

- a) Type of clean agent to be used;
- b) Operating pressure of the unit at the corresponding normal ambient temperature condition;
- c) Storage temperature range of the unit;
- d) Factory test pressure of the cylinder;
- e) Reference to:
 - 1) The Standard on Clean Agent Fire Extinguishing Systems, NFPA 2001;
 - 2) The manufacturer's installation, operation and maintenance instruction manual (identified by part number or ~~and~~ date) for detailed instructions for correct system handling usage and maintenance;
- f) Weight of agent charge and gross weight of charged cylinder and valve assembly;
- g) Basic inspection instructions, which shall include the following or French equivalent text:
 - 1) At least semiannually, the agent quantity and pressure of refillable containers shall be checked;
 - 2) A container shall be refilled or replaced when it shows a loss in agent quantity of more than 5 percent or a loss in pressure (adjusted for temperature) of more than 10 percent; and
 - 3) For a disposable unit, "Discard immediately after any use (See Annex A for French translations)"; and
- h) The following statement shall appear in letters at least 3.2 mm (1/8 inch) and not more than 6.4 mm (1/4 inch) high (See Annex A for French translations):
"WARNING: The discharge of clean agent systems to extinguish a fire can result in a potential hazard to personnel from the natural form of the clean agent or from the products of combustion that result from exposure of the agent to the fire or hot surfaces. Unnecessary exposure of personnel either to the natural agent or to the products of decomposition shall be avoided.

i) Identification of contents as follows:

- 1) Contents product name as it appears on the manufacturer's Safety Data Sheet (SDS).
- 2) A listing of the hazardous material identification in accordance with the National Paint and Coatings Association, Hazardous Materials Identification Systems (HMIS)^a or Workplace Hazardous Materials Information System (WHMIS)^b.
- 3) A list of any hazardous materials that are in excess of 1.0 percent of the contents.
- 4) A list of each chemical in excess of 5.0 percent of the contents.
- 5) Information as to what is hazardous about the agent in accordance with the SDS.
- 6) The contents manufacturer's name, mailing address, and phone number as shown on the SDS.

^a Information on the HMIS system may be obtained from Label Master Inc., Chicago, Illinois or from the National Paint Coatings Association, Washington, D.C.

^b Information on the WHMIS system may be obtained from Health Canada, Ottawa, Canada.

58.5A In lieu of an owner's manual ~~shipped~~ provided with each system as referenced in 59.1, the information to be included in the owner's manual (reference Section 6) is permitted to be included on the cylinder/valve assembly nameplate.

59.3 When these manuals referenced in 59.1 are not included with each system, an owner's manual shall be provided ~~shipped~~ with each system ~~shipment~~ by one of the following means:

- a) Printed paper media
- b) Printed as part of the nameplate (reference Clause 58.5A).

BSR/UL 2515, Standard for Aboveground Reinforced Thermosetting Resin Conduit (RTRC) and Fittings

1. Clarification on where to measure the minimum inside diameter of socket specified in Tables 5 to 8.

PROPOSAL

Table 5

Dimensions for couplings - IPS SW

(See [4.3.1](#))

Trade size	Metric designator	Socket depth				Inside diameter of socket at entrance, minimum		Socket wall thickness, minimum	
		Minimum		Maximum		mm	(in)	mm	(in)
		mm	(in)	mm	(in)				
1/2	16	50.80	(2.00)	101.6	(4.00)	22.10	(0.870)	1.40	(0.055)
3/4	21	50.80	(2.00)	101.6	(4.00)	27.43	(1.080)	1.40	(0.055)
1	27	50.80	(2.00)	101.6	(4.00)	34.16	(1.345)	1.40	(0.055)
1-1/4	35	50.80	(2.00)	101.6	(4.00)	42.93	(1.690)	1.40	(0.055)
1-1/2	41	50.80	(2.00)	101.6	(4.00)	49.02	(1.930)	1.40	(0.055)
2	53	50.80	(2.00)	127.00	(5.00)	60.96	(2.400)	1.40	(0.055)
2-1/2	63	50.80	(2.00)	127.00	(5.00)	74.42	(2.930)	1.40	(0.055)
3	78	50.80	(2.00)	127.00	(5.00)	89.66	(3.530)	1.40	(0.055)
4	103	76.20	(3.00)	127.00	(5.00)	115.06	(4.530)	1.40	(0.055)
5	129	76.20	(3.00)	127.00	(5.00)	142.49	(5.610)	1.91	(0.075)
6	155	76.20	(3.00)	127.00	(5.00)	169.04	(6.655)	1.91	(0.075)

Table 6

Dimensions for couplings - IPS HW

(See [4.3.1](#))

Trade size	Metric designator	Socket depth				Inside diameter of socket at entrance, minimum		Socket wall thickness, minimum	
		Minimum		Maximum					
		mm	(in)	mm	(in)	mm	(in)	mm	(in)
4HW	H103	76.20	(3.00)	127	(5.00)	115.06	(4.530)	1.91	(0.075)
5HW	H129	76.20	(3.00)	127	(5.00)	142.49	(5.610)	2.41	(0.095)
6HW	H155	76.20	(3.00)	127	(5.00)	169.16	(6.660)	2.41	(0.095)

Table 7

Dimensions for couplings - ID SW

(See [4.3.1](#))

Trade size	Metric designator	Socket depth, minimum				Inside diameter of socket at entrance, minimum		Socket wall thickness, minimum	
		Minimum		Maximum					
		mm	(in)	mm	(in)	mm	(in)	mm	(in)
1/2	16	50.80	(2.00)	101.6	(4.00)	16.05	(0.632)	1.40	(0.055)
3/4	21	50.80	(2.00)	101.6	(4.00)	22.40	(0.890)	1.40	(0.055)
1	27	50.80	(2.00)	101.6	(4.00)	29.46	(1.160)	1.40	(0.055)
1-1/4	35	50.80	(2.00)	101.6	(4.00)	35.81	(1.410)	1.40	(0.055)
1-1/2	41	50.80	(2.00)	101.6	(4.00)	42.16	(1.660)	1.40	(0.055)
2	53	50.80	(2.00)	127.00	(5.00)	55.12	(2.170)	1.40	(0.055)
2-1/2	63	50.80	(2.00)	127.00	(5.00)	66.29	(2.670)	1.40	(0.055)
3	78	50.80	(2.00)	127.00	(5.00)	80.52	(3.170)	1.40	(0.055)
3-1/2	91	50.80	(2.00)	127.00	(5.00)	93.22	(3.670)	1.40	(0.055)
4	103	76.20	(3.00)	127.00	(5.00)	105.92	(4.170)	1.40	(0.055)
4-1/2	116	76.20	(3.00)	127.00	(5.00)	119.63	(4.710)	1.91	(0.075)
5	129	76.20	(3.00)	127.00	(5.00)	132.84	(5.230)	1.91	(0.075)
6	155	76.20	(3.00)	127.00	(5.00)	158.24	(6.230)	1.91	(0.075)

Table 8

Dimensions for couplings - ID HW

(See [4.3.1](#))

Socket depth			

Trade size	Metric designator	Minimum		Maximum		Inside diameter of socket at entrance, minimum		Socket wall thickness, minimum	
		mm	(in)	mm	(in)	mm	(in)	mm	(in)
4HW	H103	76.20	(3.00)	127	(5)	107.44	(4.230)	1.91	(0.075)
4-1/2HW	H116	76.20	(3.00)	127	(5)	120.90	(4.760)	2.29	(0.090)
5HW	H129	76.20	(3.00)	127	(5)	133.10	(5.240)	2.29	(0.090)
6HW	H155	76.20	(3.00)	127	(5)	158.24	(6.230)	2.29	(0.090)

Copyright © 2021 Underwriters Laboratories Inc.

UL copyrighted material. Not authorized for further reproduction without prior permission from UL.