

*Improving Access to Engineering Standards*  
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## Abstract

Engineering standards are documents that specify characteristics and technical details that must be met to ensure minimum performance, meet safety requirements, and make sure that the product/system/process promotes productivity, reliability, and efficiency<sup>1</sup>. They provide a common language for talking about products or processes and an enforceable means to evaluate acceptability to protect the public from questionable designs, products, and practices. As Public Health Service (PHS) engineers, many of us write, update, and/or review technical specifications, the accuracy and detail of which are critical for creating the requirements for ensuring high-quality deliverables to the communities we serve; and a key component of any technical specification is the engineering standards that it references.

As engineers we often need to consult the standards referenced in our work in order to review technical details for the purpose of comparing a product submitted as “equal” to that which was specified, or to verify that an item undergoes certain tests in its manufacture or that a proposed process includes all the required steps. However we often do not have access to the standards because they must be purchased from the standards development organizations (SDO), and there are copyright laws that limit sharing and distribution. Our organizations may provide limited, however time-consuming, opportunities for us to request the purchase of individual standards on an as-needed basis, or to buy a set every 5 or more years from a single SDO, such as AWWA, but there are many standards we reference from a number of SDOs so it becomes quite costly to purchase them all and to buy the updates from each SDO as they become available.

When a survey was conducted in 2015 asking Commissioned Corps engineers about their level of satisfaction with their access to engineering standards at work, 70% of respondents said they needed better access in order to do their job well. So the Public Health Engineering Practice (PHEP) Subcommittee of EPAC looked into ways to help engineers increase their access to a continually updated range of standards. Based on our market research into several of the most popular companies offering access to many engineering standards, viewing demonstrations by actual PHS users of the services of these companies, and incorporating what was learned from the survey about engineers’ experiences and concerns, we determined that an agency-wide approach to providing access is more affordable than individual or regional offices buying the same standards and significantly improves access for the greatest number of engineers.

## Background

In 2015 the PHEP sent out a survey through the Commissioned Corps Engineers list serve that contained thirteen questions about the extent of engineers’ access to engineering standards at work including ASTM, ASME, SSPC, and IEEE, and whether improved access would be an important part of being able to do their job well (see Appendix A for full details of the survey). In the spring 2016 edition of the Engineer PAC Newsletter, *Machinae Vitae*, the PHEP announced the survey results and that we had decided a significant enough concern existed to support investigating how to improve access. When broken down by agency, 61% of the respondents worked in Indian Health Service, 18% in FDA,

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<sup>1</sup> <http://tryengineering.org/ask-expert/what-engineering-standard-what-are-advantages-and-disadvantages-using-standards>

9% in NPS, 6% in CDC, 3% in EPA, and 3% in CMS. The Engineering Standards Workgroup of PHEP was formed in May 2016 to carry out the investigation.

## Sources of Engineering Standards

There are over 200 organizations designated as Standard Development Organizations, or SDO's, that write and publish standards such as those by AWWA and ASTM. There are more than 45,000 standards in the U.S. and approximately 90% of them come from just 20 SDO's. Most SDO's make copies of their standards available for sale to the public or to their members either individually or in packages. SDO's are also referred to as publishers.

Some public libraries offer access to SDO publications, but it is typically restricted to students. Other sources limit access to small subgroups of users for which federal agencies do not qualify, such as online university libraries.

Government and commercial providers of construction technical specifications, like AZMAG, MilSPEC, and ARCOM/Avitru offer specifications that they update regularly, which in some cases includes updating the standards they reference in their specifications.

## How PHS engineers have been accessing standards

We spoke with engineers we knew at the various agencies we currently and previously worked in to understand how they were accessing standards. Access seemed to vary greatly and in some cases not be well organized. Engineers at some agencies, like CDC, sit on the boards of SDO's, so they receive access this way, but most PHS engineers work in Indian Health Service where they do not have this kind of access. Some engineers use FGI (The Facility Guidelines Institute) and ASHRAE (American Society of Heating, Refrigerating and Air-Conditioning Engineers) standards. One engineer at CDC buys the whole ASHRAE package for \$6,000 per year from Techstreet.

Engineers in Indian Health Service reference standards to write technical specifications and rely on standards to decide whether to approve construction materials proposed by contractors as alternates to those the engineers specify. They typically have access to AWWA, but not necessarily up to date versions, or their access may be limited to a CD passed among engineers. Another office has an outdated version of Masterspec, an older hard copy of ASHRAE guidelines in a hard copy of the FGI Hospital Guidelines for Design and Construction of Hospital and Outpatient Facilities, and updated access to NFPA and NEC standards. Engineers in other offices indicated they had limited access to some ASTM standards that were individually purchased as needed but were dissatisfied with how long it took to obtain them. An engineer in one office had a CD from a single SDO but because of copyright laws could not share PDFs with coworkers. A Techstreet subscription to all the ASHRAE standards for two simultaneous users cost \$2,800 (the number of "simultaneous users" on a subscription refers to the number of users on the subscription that can view a particular standard, or standards from the same publisher, depending on the rules of the publisher, at the same time). One office purchased AWWA standards in 2018 from the SDO, also referred to as the publisher, for \$12,000, or approximately \$1,000 per engineer per year. Another Indian Health Service district office bought an initial set of AWWA standards for \$5,000 and the renewal costs \$1000/year. One Indian Health Service regional office had an older version of AWWA books and expressed interest in participating in a centralized engineering standards database.

## Investigation

To offer information to engineers to help them gain improved access to standards at work, this investigation looked at commercial subscription service providers that deliver access to a large variety

of standards, and we compared the costs and features of a subscription to a single agency or some smaller segment of that agency. We decided to use Indian Health Service to model the costs and services, since it is the largest employer of PHS engineers who regularly refer to a variety of engineering standards and may therefore have the greatest need. One of the challenges of providing engineering standards to Indian Health Service offices is the large number of physical office locations and the small number of engineers per location, sometimes only one or two engineers, and the fact that Indian Health Service is divided into 12 regions across the country that are somewhat autonomous. The cost to provide access to a variety of standards at a small office is exorbitant, and paper or electronic copies of a variety of standards to many small offices means a lot of the same standards are being purchased repeatedly. Other agencies where PHS engineers do similar work in referencing standards and may have a similar need include the National Park Service, and we expect that the results of this investigation may also be useful to other agencies where PHS engineers are interested in increased access, or perhaps in improving the kinds of functionality available to them from a commercial service provider's database.

Based on conversations with engineers in several Indian Health Service offices, the workgroup decided that purchasing standards for a small field office level (1-3 engineers per office) or even the next level up (3-9 engineers per office), was considered by most to be expensive and disorganized. So for an agency with numerous, mostly smaller offices nationwide like Indian Health Service we chose to investigate how feasible it might be to purchase standards at either a regional level or even at an agency-wide level, if that made it more cost effective.

The workgroup researched ways to access standards that are commonly used by engineers in Indian Health Service Sanitation Facilities Construction engineers, who are typically civil and environmental engineers involved in design and construction of water and wastewater facilities, and Indian Health Service Facility engineers, who are mostly mechanical and electrical engineers that are designing, operating, and maintaining medical facilities serving Native American and Alaska Native communities.

Purchasing standards through a subscription from a commercial service provider offering access to numerous publishers was generally found to cost slightly more than purchasing those same standards individually from each SDO, but considerable time and effort are saved for users and in administration of subscriptions by being able to find or search for standards all in one place and receive automatic updates without having to contact each SDO and update your collection yourself. Most importantly, standards purchased directly from SDOs cannot generally be placed on a network, due to copyright laws, and therefore cannot be legally shared among users on the network, so the agency can end up purchasing multiple copies of the same standard over and over for different users. Plus some standards are not available directly from the publisher but only through these large, clearinghouse-type, subscription-based, commercial access providers.

However, just to make a few comparisons, a complete package of ASHRAE standards from the publisher is about \$6,000 per year for 30 separate documents, or they can be purchased individually at prices ranging from less than \$100 to several hundred or more per standard. A \$4,000-\$6,000 one-year subscription to AWWA buys a full set of the 180+ AWWA standards in hard copy books and PDFs, and this is just for one physical office location.

The workgroup narrowed the research to three clearinghouse-style companies that provide access: MADCAD, IHS Global, and Techstreet, based on the access providers most frequently mentioned in the survey and used by engineers we know, as well as those most commonly found in online searches. The main criteria for comparing these companies were: cost, ease of access, and offering the largest breadth of standards that Indian Health Service engineers typically need.

The workgroup generated a list of a number of standards commonly referenced by engineers in Indian Health Service and used it to compare the availability of these standards and the cost from the three

companies. We refer to this as the *Desired Standards List*, because it was the standards we desired they provide. It is not exhaustive of all standards referenced by Indian Health Service engineers but was generated to provide an example of the standards an agency may desire to provide its engineers. Table 1 below shows the number of standards in the Desired Standards List for which each company, or subscription-based access provider, was asked to provide from each publisher. See Appendix B for the full names of the specific individual standards in the list.

**Table 1: Number of Standards Requested in the Desired Standards List (defined above)**

Standards Development Organization (SDO) or publisher	Acronym	# Requested Standards or Codes
American Concrete Institute	ACI	2
American Society for Testing and Materials	ASTM	26
American National Standards Institute/American Water Works Assn	ANSI/AWWA	19
American Association of State Highway and Transportations Officials	AASHTO	set*
American Society of Mechanical Engineers	ASME	11
American Society for Metals	ASM	1
American Society of Safety Engineers (renamed ASSP in 2018)	ASSE	1
American Society of Heating, Refrigeration, and Air-Conditioning Engineers	ASHRAE	2
American Welding Society	AWS	6
International Code Council	ICC	IBC
International Association of Plumbing and Mechanical Officials	IAMPO	3
Institute of Electrical and Electronics Engineers	IEEE	5
International Safety Equipment Association	ISEA	set
National Electrical Manufacturers Association	NEMA	1
National Fire Protection Association	NFPA	sets
National Sanitation Foundation	NSF	5
Society for Protective Coatings	SSPC	set
Underwriters Laboratory	UL	2

\* "set" here refers to a specific packaging of standards, as bundled by the publisher, usually topic specific, which in the case of AASHTO was their Highway Design Suite. See Appendix B for the detailed list of standards requested for this investigation

Each company was asked to provide the subscription cost for one year of access to the largest number of standards they could provide from the Desired Standards List. Each company packaged the standards differently, in a way they thought would provide the best value. Best value sometimes meant supplying a publisher's entire collection, or sometimes just the individual standards requested, and other times did not include all the standards requested because the did not offer the publisher or because of how they packaged different standards. The standards that each company was able to offer differed slightly from the Desired List because each provider structures their offerings a little differently. This made a side-by-side comparison of providers challenging, so cost alone should not be the only factor an agency considers in comparing these three service providers.

Each company, or service provider, was also asked for subscription prices for different numbers of simultaneous users and different numbers of physical office locations on the subscription, because the number of locations affects price, and each company defines locations differently. The differences between the requested standards and the ones available from each provider, and how each one defined users and locations, are described below in the Results section under *Features of Each Provider*.

Each company was also asked to provide information regarding:

- how many users can access the same standard or same SDO simultaneously
- how often standards are updated and whether updates cost extra
- the ability to share or save PDFs
- whether the number of locations affects the subscription cost
- a comprehensive list of standards they offer (available in Appendices F, G, and H)
- initial cost and annual renewal cost

In order to have each company provide a cost for serving Indian Health Service engineers across the country, the workgroup needed to estimate the number of different offices and users per office. We assumed that Indian Health Service has a total of 372 users in 156 office locations, that the agency is divided into twelve regional or Area offices, with each Area office employing 31 users in 13 regional, district, and field office locations.

The workgroup reviewed the requirements and restrictions of each company and watched demonstrations by PHS users of Techstreet and MADCAD and one by IHS Global to experience firsthand the benefits, drawbacks, and user friendliness of each.

## Results

All three companies place restrictions on access to certain SDOs, by limiting the number of simultaneous users, i.e. the number of users in a subscription who can view or download or print the same standard or any of the standards by the same SDO at the same time. The SDOs that have these restrictions place these restrictions themselves, but we noticed that it was not consistent between the three companies, and so it did vary slightly. The way it works is that different users on the subscription can view and download/print standards by different publishers at the same time; and users can download from the same publisher at the same time if that publisher offers unlimited access; but only one user can view the same standard or download/print at the same time from restricted SDOs, unless the agency purchases multiple simultaneous user access for the restricted SDOs. For example two engineers on the same subscription can access standards at the same time, one downloading ACI standards and the other downloading NSF at the same time, and they can both download standards by NSF at the same time, but they both cannot download ACI standards at the same time, since ACI is one of the SDOs that restricts user access. However all three service access companies offer additional simultaneous user licenses that can be purchased at added cost if the agency determines they need added simultaneous access. Simultaneous user access can be purchased for all the SDO's on the subscription that restrict access, or for a single SDO, or for a single standard.

The appendices to this paper list in detail the names of the different standards that each SDO provided in their quotes as well as listing all the SDOs that each company offers.

As stated previously how each company bundled the standards from the Desired Standards List varied slightly, since they did not carry all the requested standards or they bundled some of them differently, or because the cost to provide a whole set from a particular SDO cost less than ordering a select small number of them. Table 2 lists the publishers that each company was not currently able to offer.

**Table 2. Unavailable SDOs from each access-provider company**

<b>Service Provider</b>	<b>SDOs not offered by the Provider from the Desired Standards List</b>
MADCAD	AASHTO, ASSE/ASSP, ASM/ASME SA-240, AWS, SSPC, NEMA, NSF, UL
IHS Global	ASM
Techstreet	AWS (only available in a license to single individual)

Again, each provider was asked to assemble a package most closely meeting the list of Desired Standards, but also offering what they thought would provide the best value.

Each company either recommends or requires the agency assign an account administrator who would have access to data about the account, including usage reports, and have the authority to purchase additional standards, add simultaneous users, and renew the subscription, but the administrator can choose to put as much or as little time toward the effort as they wish, as it is not required.

#### Features of Each Provider

The following are descriptions of how each company provides access, how they define a user and a location, their cost structure, our experience with their user interface, the number of standards in their proposed subscription that most closely meet those in the Desired Standards List, and other features. Each access provider's cost is based on the standards selected for the subscription, the number of simultaneous users, and sometimes others factors, such as the number of locations.

# MADCAD

## Access

Standards are cloud-based and can be accessed on a computer, tablet, or smartphone. Some PHS engineers at NIH use this and are very satisfied. Over 72,603 titles are offered, including ACI, ASCE, ASHRAE, ASTM, IEEE, AWWA, NFPA, and USGBC (US Green Building Council). Users can do searches of their entire subscription, writing notes that their fellow users can see.

The agency's account manager can run a multitude of user reports to understand how best to refine the account to meet user needs and use the account efficiently.

Unlike the other two companies reviewed in this paper, MADCAD does not offer downloading standards as PDFs; instead they can be physically printed or be copied and pasted. Some titles however can only be viewed online without being able to cut and paste or print them. MADCAD was also unable to offer a number of the standards on the Desired Standards List, but the full list of SDOs they offer is in Appendix F and that list may make a better fit for another agency besides Indian Health Service.

MADCAD suggests adding a certain amount of set-aside funds to the subscription for users to request purchases throughout the year of additional standards through their administrator. This is how they handle requests to provide a certain number of user-specified standards during the subscription\*. See table below.

**Table 3: MADCAD's proposed best-value package, based on the list of Desired Standards:**

<b>SDO</b>	<b>Number of Standards in MADCAD's Proposed Subscription</b>	<b>How MADCAD's Proposed Subscription Content Differs from the Desired Standards List</b>
AASHTO	0	Not available
ACI	2	Matches Desired List
ANSI/AWWA	19	Matches Desired List
ASHRAE	2	Matches Desired List
ASME	1	Matches 1 of the desired 12 standards
ASM	0	Not available
ASSE/ASSP	0	Not available
ASTM	26	Available for a single physical location or office only*
AWS	0	Matches Desired List
ICC	IBC	Matches Desired List
IAMPO	3	Matches Desired List
IEEE	5	Matches request for 5 documents to be selected and added at any time during the subscription
ISEA	5	Matches request for 5 documents to be selected and added at any time during the subscription
NEMA	0	Not available
NFPA	set	Matches Desired List
NSF	0	Not available
SSPC	0	Not available
UL	0	Not available

\*If ASTM standards are highly desirable for an agency, this restriction on access to only a single physical office location per subscription may make MADCAD an undesirable choice, as the other two services do not have this restriction.

## Cost and How MADCAD defines a User

Subscriptions are priced based on content and on the number of simultaneous-users, and for some SDOs, on the number of locations. The different numbers of simultaneous users can be purchased for different SDOs or can be applied to single standards, such as one that is accessed often. Of the SDOs in the MADCAD quote, ASTM is the only one that can be accessed by an unlimited number of simultaneous users, however ASTM is also the only one that limits access by location. The other SDOs limit access to the number of simultaneous user licenses that are purchased, so if an office purchases a single simultaneous user access for a given SDO, multiple people in the office can sign in to the service to look at standards by that publisher, but only one person can access a given standard at a time, i.e. no two people can access the same standard at the same time.

In the MADCAD quotes in Appendix C, the left-most column indicates the number of locations that are included in the price. Where it says "N/A" there is no limit on the number of locations. A single MADCAD subscription will only buy access to ASTM standards for a single physical location or office, based on how MADCAD defines a single location. MADCAD recognizes people working from home, job sites, or temporary offices as all working from the office to which they report.

Errata updates are automatic and free of charge. When new editions are available from the publisher the user has the option to end the subscription to the old title and purchase the new one. An AWWA Standards Package costs approximately \$3,890 per simultaneous user per year, however if the 173 standards in the AWWA standards were purchased individually, they would cost much more.

MADCAD's detailed quotes and proposed subscription content can be found in Appendix C. Quotes are for a single location only, which MADCAD would define as a regional or Area office with its satellite District and Field offices, and are broken out by the number of simultaneous users. It is unlikely that an Area office would need 10 simultaneous users or even 5. An Indian Health Service Area(regional) office would most likely need only 1-2 simultaneous users. A national subscription could need up to 10 but this could be determined after observing the usage data on the subscription. The MADCAD quotes are for the list of standards in the table above and based on the following subscription size and numbers of simultaneous users:

**Table 4: MADCAD costs per subscription size<sup>1</sup> and # of simultaneous users**

<b>Subscription to cover</b>	<b>Total Number of users</b>	<b># of Simultaneous users</b>	<b>Annual Cost</b>
Single regional office <sup>2</sup>	31	1	\$7,500
Single regional office <sup>2</sup>	31	2	\$12,000
Single regional office <sup>2</sup>	31	5	\$18,300
Single regional office <sup>2</sup>	31	10	\$28,700
National level <sup>3</sup>	372	1	\$21,600
National level <sup>3</sup>	372	2	\$26,500

<sup>1</sup> takes into account the number of office locations as well as total number of users

<sup>2</sup> includes a single regional office and all its satellite offices (i.e. the Indian Health Service area office plus its district and field offices)

<sup>3</sup> consists of all 12 regional offices and all their satellite offices (i.e. all engineering offices for the entire agency)



## IHS Global aka IHS Markit

### Access

IHS Global is now known as IHS Markit. Access is provided in online form, printed books, or CD-ROM/DVD to over 1.2 million standards, codes, manuals, publications, technical books, and training materials from more than 370 SDOs, including ASME, ACI, ASCE, ASHRAE, ASTM, IEEE, AWWA, NFPA, and USGBC. Online access is through a proprietary standards management tool called IHS Markit Standards Expert; and the user interface where users organize their downloads and communicate with other users is through a tool called the Engineer Workbench, which allows each user the ability to customize how they organize the standards they access and offers the ability to share comments on the standards with other users. The Workbench also includes no-additional-cost access to engineering and technical reference materials, such as IEEE GlobalSpec, ClinicalTrials.gov, NIST, and Wiley Journals, the content of which appears in Workbench topic searches. IHS Global offers full-text searching, filters, and personal watch lists.

Standards are available individually, or in industry-specific packages, or all the standards published by the SDO can be purchased as a single package. Single-user publishers only allow one user to view that publisher at a time, but users are not blocked from looking at other publishers simultaneously. IHS Markit is the exclusive provider of AWS standards, meaning the only company that can provide access to AWS standards to all the users on a subscription. MADCAD does not offer AWS, and Techstreet can only provide access to a single individual, with the standards only visible to and downloadable to that one person's computer, and no ability to share the AWS standards with anyone else. The customer can choose to have multiple account administrators rather than simply a single administrator.

**Table 5: IHS Markit's proposed best-value package, based on the list of Desired Standards:**

<b>SDO</b>	<b>Number of Standards in IHS Global's Proposed Subscription</b>	<b>How IHS Global's Proposed Subscription Content Differs from the Desired Standards List</b>
AASHTO	set	Matches Desired List
ACI	2	Matches Desired List
ANSI/AWWA	19	Matches Desired List
ASHRAE	2	Matches Desired List plus provides errata
ASME	11	Matches request for 10 documents to be selected at any time during subscription plus provides Boiler and Pressure Vessel Code; does not include Grey Iron Pipe Flanges and Flanged Fittings
ASM	0	Not available
ASSE/ASSP	1	Matches Desired List
ASTM	15	Matches 14 of the 26 plus 1 not specifically requested, plus a number of archived versions
AWS	10	Matches desired list plus 4 more
ICC	IBC	Matches Desired List
IAMPO	3	Matches Desired List
IEEE	10	Matches Desired List plus 5 more to be selected and added at any time during the subscription
ISEA	set	Matches Desired List
NEMA	1	Matches Desired List
NFPA	sets	Matches Desired List
NSF	set	Matches Desired List plus more
SSPC	set	Matches Desired List
UL	2	Matches Desired List

## Cost and How IHS Markit defines a User

IHS Markit, like MADCAD and Techstreet, allow an unlimited number of users to be on the subscription. If users need to download or print standards they can do so without limit. Users are able to search for any standards offered by IHS Markit, but can only read the full content of those on their subscription, which is common to all three companies reviewed here. Subscriptions generally take into account: content, the number of physical sites of the users, and the number of simultaneous users.

There is no cost for automatic updates, and users can access historical standards at no cost that date back to the 1920's. IHS Markit did not break out costs by individual standards.

Many of IHS Markit's customers are companies with the majority of their users in one location or a few locations. However IHS Markit has the ability to be flexible, or reasonable, in how they define the number of sites on a customer's account, which would benefit an agency like Indian Health Service, so that customers with small numbers of users in each of many locations do not pay considerably more than another customer with the same number of users in a single location.

All the SDOs except IEEE, ASTM, and part of ASME, provide unlimited simultaneous user access. IEEE, ASTM, and some of the standards by ASME limit simultaneous access to the number of concurrent user licenses purchased for them.

Standards that are purchased in pre-configured industry packages cost less than purchasing them individually. IHS Markit offers industry packages containing multiple publishers. Updates are continuous as they are made available by each publisher and are included with the subscription at no extra charge. Past versions are archived and accessible.

IHS Markit's complete proposed subscription by SDO can be found in Appendix D. IHS Markit provided three prices, which show considerable savings at the agency or national level over the regional or Area office level:

**Table 6: IHS Markit's costs per subscription size<sup>1</sup> and # of simultaneous users**

<b>Subscription that covers</b>	<b>Total Number of users</b>	<b># of Simultaneous users</b>	<b>Annual Cost</b>
Single regional office <sup>2</sup>	31	1	\$26,491
National level <sup>3</sup>	372	1	\$33,500
National level <sup>3</sup>	372	2	\$37,000

<sup>1</sup> takes into account the number of office locations

<sup>2</sup> includes a single regional office and all its satellite offices (i.e. the Indian Health Service area office plus its district and field offices)

<sup>3</sup> IHS Markit considers this national level subscription to consist of 3 "sites" or regions (IHS Markit employs a flexible definition of "site") that cover all the Indian Health Service engineering offices nationwide

## Techstreet aka Clarivate Analytics

### Access

Techstreet is now also known as Clarivate Analytics. The subscription is web-based and searchable, and the standards are available to view, download as PDFs, and print. PDFs can be stored on as many individual computers as want a particular standard, but not on a network for sharing, and the PDF locks to the user's computer. Downloading standards requires Techstreet's Digital Rights Management Adobe plug-in, which is how they control access. The plug-in may require agency IT approval to install. Users can do keyword searches of their subscription as well as searching all the other standards Techstreet offers.

There is no limit to the number of users on the subscription who can search the lists of standards in the subscription list at the same time, and for most publishers there is no limit to the number of users who can view and download from the same publisher at the same time. Of the 17 SDOs on the Desired Standards List, 11 provide unlimited simultaneous access, and 6 restrict access to one user at a time, unless multiple simultaneous user access is purchased. In fact most publishers offer unlimited access, and the additional cost for multiple simultaneous user access is considerable. The publishers on the Desired List that charge extra for more than one user to access their content at a time are: ASME, ICC, and NFPA. Accessing content refers to viewing a specific standard or trying to download it. However according to Techstreet, very few subscribers find it necessary to purchase multiple simultaneous user access. When two or more users try to view any two standards by the same SDO at the same time, one of them will get a message to wait 10 minutes. Once the ten minutes is up then both users can access the SDO's list of standards.

Individual standards are searchable and standards as a whole are keyword searchable. Standards are updated automatically in their database and in the subscriptions, within 48 hours of their publication by the SDO, and included as part of the subscription. There is a 'redline' feature that shows in red what parts are updated from previous versions. Hardcopy purchases are available from their online store or through the subscription. Historical versions of standards are available to subscribers to view, download, or print at no extra charge.

The subscription requires that an administrator be identified in the organization. This person has the authority to add content to the subscription and can obtain reports of usage data, which are automatically logged by the program, to help the agency decide whether to add simultaneous users, purchase additional standards, add a location, or decrease unneeded SDO content.

Some of the preconfigured or customer-configurable bundles of standards available include: Building Blocks – pre-purchased sets of documents by SDO and added to the subscription as needed; Publisher Sets – complete sets or subject sets from over 75 content publishers; Industry Packages - comprehensive expert collections tailored by industry; and Custom Collections – mix and matched full sets, subject sets, and individual documents.

Techstreet's complete proposed subscriptions and costs per SDO can be found in Appendix E. The contents of the subscription include items listed in the Content tab and in the tabs of the four SDO packages.

Below is a table showing the number of standards in Techstreet's proposed subscription and how well Techstreet satisfied the Desired Standards List.

**Table 7: Techstreet's proposed best-value package, based on the list of Desired Standards:**

<b>SDO</b>	<b>Number of Standards in Techstreet's Proposed Subscription</b>	<b>How Techstreet's Proposed Subscription Content Differs from the Desired Standards List</b>
AASHTO	18	Matches 12 of the 13 requested plus several that were not requested. They did not offer C1240.
ACI	2	Matches Desired List
ANSI/AWWA	14	Matches Desired List
ASHRAE	2	Matches Desired List
ASM	1	Matches Desired List
ASME	1 of the requested + 10 others	Matches 1 of the 12 requested plus 10 more titles to be selected and added at any time during the subscription
ASSE/ASSP	1	Matches Desired List
ASTM	278	Matches 14 of the 26 requested plus a set on plastic pipe that covered the other 12 and more
AWS	2	Matches 1 of the 2 requested plus a guide on mild steel welding
IAMPO	3	Matches Desired List
ICC	IBC	Matches Desired List
IEEE	5	Matches request for 5 documents to be selected and added at any time during the subscription
ISEA	Set of 14	Matches Desired List
NEMA	1	Matches Desired List
NFPA	Set of 410	Matches Desired List
NSF	5	Matches request for 5 documents to be selected and added at any time during the subscription
SSPC	Set of 239	Matches Desired List
UL	2	Matches Desired List

### **Cost and How Techstreet defines a User**

Annual subscription cost is a function of the prices charged by different publishers, the number of office locations, the number of total users, and the number of simultaneous users desired for SDOs that charge extra for that. Multiple subscriptions for various offices cost more than a regional or national subscription. Techstreet provided prices for two different scenarios: one subscription for all of Indian Health Service engineers and one subscription for a single Area office. Since in their experience an agency the size of Indian Health Service would have little need to purchase multiple simultaneous user access, the subscription costs provided are for single simultaneous user.

The subscription price increases 2-3% per year as the prices from the publishers go up. The costs for standards are 3-5% above what SDOs charge if purchased from them directly, but greater efficiency is gained by not having to purchase access from each SDO separately and for every user and to keep track of when they need updating, and some publishers are only available through these companies providing access.

For less common, single standards needed by a single user Techstreet recommends purchasing directly from the publisher, unless not available directly, because they are less expensive this way.

Many publishers offer product sets or the complete set of all their standards. Publishers like ASTM, ASME, etc. have huge sets. For ASME, AASHTO, and AWWA it costs significantly less to purchase just the standards needed. On the other hand, the cost for UL standards goes down the more one buys. Techstreet offers packages, or subsets, of standards from a single publisher. A “package” is a single-publisher bundle and offers greater value over purchasing individual standards when a large number of the standards from that publisher are desired. Based on the supplied list of desired standards, Techstreet suggested packages or subsets of ASTM, ISEA, NFPA, and SSPC.

Table 8 below shows one-year subscription prices in 2020 that include AWS standards for a single user for \$644 per year, since Techstreet does not provide AWS access to all the users on a subscription.

**Table 8: Techstreet’s costs per subscription size<sup>1</sup> and # of simultaneous users**

<b>Subscription that covers</b>	<b>Total Number of users</b>	<b># of Simultaneous users</b>	<b>Annual Cost</b>
Single regional office <sup>2</sup>	31	1	\$16,000
National level <sup>3</sup>	372	1	\$41,100
National level <sup>3</sup>	372	2	\$45,853

<sup>1</sup> takes into account the number of office locations

<sup>2</sup> includes a single regional office and all its satellite offices (i.e. the Indian Health Service area office plus its district and field offices)

<sup>3</sup> consists of all 12 regional offices and all their satellite offices (i.e. all engineering offices for the entire agency)

## Conclusions and Recommendations

Standards are an important tool for engineers to meet our environmental, safety, health, and societal responsibilities and are especially useful to engineers who need to be able to specify products or the salient characteristics of acceptable ones (Engineering Standards presentation by Dr. R. Lindeke, Univ. Minnesota, Duluth, 2017).

A subscription saves time by having many of the standards by a wide array of SDOs in one place and by not having to chase down updates from different publishers. A single subscription serving multiple office locations saves cost by not having the same standards purchased over and over by different offices and by having them automatically updated as part of the subscription. It provides the opportunity to do searches by topic across a single SDO or by all the SDOs in the agency's subscription content or across the entire content of standards offered by the company.

The differences between the three companies reviewed here comes down to:

- cost
- availability of content
- what users can do with the standards, including whether or not they can save them to their computers, and other user interface functionality.

The cost to provide access to all Indian Health Service users in the twelve Area offices depends on the company, whether a single subscription is purchased for the whole Agency or by each individual office location, and it depends on the number of simultaneous users for which the subscription is purchased. A subscription purchased with single simultaneous user access for a regional office and its satellite offices is relatively expensive, costing between \$241 and \$855 per engineer per year, depending on which company is selected.

In an agency like Indian Health Service with engineers in over 150 office locations around the country, it is the many smaller offices that have the most need of the standards for their day-to-day work. Therefore the company that can cost-effectively provide access to standards to the many distant office locations and offer the widest array of desired SDOs will be the one that best serves the need. **The cost for a national level, or agency-wide, subscription for two-simultaneous-user access varies between the three companies from \$26,500 to \$37,000 to \$45,850; which comes out to between \$77 and \$123 per engineer per year.**

**Table 9: Costs per engineer user per year for different numbers of users, physical office locations, and simultaneous users per the different access providers**

	Number of Users	Simultaneous Users		Number of Office Locations	Cost per Engineer per Year	
		1	2		1 Simult User	2 Simult User
MADCAD	31	\$7,500	\$12,000	13	\$242	\$387
	372	\$21,600	\$26,500	156	\$58	\$71
IHS Global	31	\$26,491	-	13	\$855	
	372	\$33,500	\$37,000	156	\$90	\$99
Techstreet	31	\$16,000	-	13	\$516	
	372	\$41,100	\$45,853	156	\$110	\$123

This investigation points to the potential for considerable time and cost savings when purchasing a subscription for the largest number of users in offices scattered around the country and centralizing the

purchasing and management of a subscription through one or multiple administrators to make it easy for engineers to quickly look up the standards they need. Depending on which company is chosen, engineers may have the potential to share with their agency colleagues inside the networked platform the things they learn in the standards that can help them do their jobs better. We recommend agencies look at the options presented here and discuss their particular standards needs with the companies to decide what works best. On the whole, this investigation points out that it is more cost effective to set up a single subscription for an entire agency or the largest number of offices possible and to determine over time the number of simultaneous users needed by starting only with a small number and monitoring usage through the account administrator capabilities before adding more simultaneous usage.

The PHEP Engineering Standards Workgroup would like to thank several individuals who made it possible for us to view the MADCAD and Techstreet platforms in use on their work stations: CDR Deborah Hirst, Dr. Kevin Dunn, and CDR Leo Gumapas, as well other PHEP subcommittee members who supported this investigation.

## Appendices

Appendix A: Survey data

Appendix B: List of Desired Standards Commonly Referenced by Indian Health Service Engineers

Appendix C: MADCAD Quotes and Proposed Standards

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Appendix E: Techstreet Quotes and Proposed Standards

Appendix F: Comprehensive List of SDOs available from MADCAD

Appendix G: Comprehensive List of SDOs available from IHS Global

Appendix H: Comprehensive List of SDOs available from Techstreet

Appendix I: Industry Contacts for MADCAD, IHS Global, and Techstreet



## APPENDIX A: SURVEY DATA

## Survey Questions and Response Data

1. Do you reference engineering standards in your work, such as AWWA, ASTM, AASTO, ASME, ASSE, ASHRAE, ASME, AWS, IAPMO, ICC, IEEE, ISEA, NFPA, NSF, SSPC, ACI, CRSI, MEMA, PCI, UL?

Answer Options	Response Percent	Response Count
Yes	85.3%	29
No	14.7%	5
<i>answered question</i>		34
<i>skipped question</i>		0

Approx. 15% of respondents don't use standards

2. What percentage of the standards cited in technical specifications that you write, reference, or use are readily available for you to read the full text?

Answer Options	Response Percent	Response Count
Less than 25%	32.3%	10
25-50%	22.6%	7
50-75%	12.9%	4
More than 75%	32.3%	10
<i>answered question</i>		31
<i>skipped question</i>		3

55% of respondents said less than half of the standards are readily available to them in full text

3. How necessary do you think it is to have access to the full text of standards referenced in your work?

Answer Options	Response Percent	Response Count
Not very necessary	24.2%	8
Necessary	42.4%	14
Very necessary	33.3%	11
<i>answered question</i>		33
<i>skipped question</i>		1

75% of respondents said standards in full text are necessary very necessary

4. What percentage of the standards cited in technical specifications you write, reference, or use are readily available to you in their most current version?

Answer Options	Response Percent	Response Count
Less than 25%	32.3%	10
25-50%	25.8%	8
50-75%	12.9%	4
More than 75%	29.0%	9
<i>answered question</i>		31
<i>skipped question</i>		3

More than half the respondents said less than 50% of the standards they need are available in current version

5. In order to gain access to some needed standards do you need to contact a co-worker, because they are one of a few in your office, region, or agency who has either a hard copy or an electronic version on their computer?

Answer Options	Response Percent	Response Count
Yes	42.4%	14
No	57.6%	19
<i>answered question</i>		33
<i>skipped question</i>		1

6. If you answered yes in #5 how well does this work for you?

Answer Options	Response Percent	Response Count
Not very well	27.3%	6
Well enough	36.4%	8
Very well	4.5%	1
Not applicable	31.8%	7
<i>answered question</i>		22
<i>skipped question</i>		12

42% of those having to get standards from coworkers say it does not work well for them

7. Are some of the standards available to you through a limited number of licenses on a network server?

Answer Options	Response Percent	Response Count
Yes	37.5%	12
No	62.5%	20
<i>answered question</i>		32
<i>skipped question</i>		2

8. If your answer to #7 is yes, are you able to gain access in a timely manner?

Answer Options	Response Percent	Response Count
Yes	73.3%	11
No	26.7%	4
<i>answered question</i>		15
<i>skipped question</i>		19

37% of respondents access standards via limited licenses on network server and this works well enough for 73% of them

### 9. Do you have to purchase some standards individually on an as-needed basis in order to have access?

Answer Options	Response Percent	Response Count
Yes	43.8%	14
No	56.3%	18
<i>answered question</i>		32
<i>skipped question</i>		2

### 10. If you answered yes to #9, how well does this work for you?

Answer Options	Response Percent	Response Count
Not very well	60.0%	9
Well enough	40.0%	6
Very well	0.0%	0
<i>answered question</i>		15
<i>skipped question</i>		19

44% of respondents have to purchase standards individually and 60% of them say it does not work well for them

### 11. Do you think you need better access to standards in order to do your job well?

Answer Options	Response Percent	Response Count
Strongly disagree	10.0%	3
Disagree	20.0%	6
Agree	43.3%	13
Strongly agree	26.7%	8
<i>answered question</i>		30
<i>skipped question</i>		4

70% of respondents say they need better access in order to do their job well

## 12. What agency or organization do you work for?

Answer Options	Response Percent	Response Count
NPS	9.1%	3
FDA	18.2%	6
IHS	60.6%	20
CDC	6.1%	2
NIH	0.0%	0
FEMA	0.0%	0
EPA	3.0%	1
ANTHC	0.0%	0
NTUA	0.0%	0
OS	0.0%	0
SAMSA	0.0%	0
HRSA	0.0%	0
USDA	0.0%	0
BOP	0.0%	0
NOAA	0.0%	0
ATSDR	0.0%	0
DOD	0.0%	0
CMS	3.0%	1
AHRQ	0.0%	0
OTHER	0.0%	0
Other (please specify)	0.0%	0
<i>answered question</i>		33
<i>skipped question</i>		1

## 13. Additional comments, questions, or concerns:

Answer Options	Response Count
	12
<i>answered question</i>	12
<i>skipped question</i>	22

## Survey Comments by Agency

### IHS

The challenge with gaining access to these standards is the purchasing, licensing, and ongoing maintenance. We have access to the AWWA standards and the Idaho Standards for Public Works Construction here in the Spokane District Office, and that's it. The AWWA Standards are available only through a membership that gives us a single-user CD that you have to have installed on your computer. There is no network version available. We have enough trouble with getting our admin folks to be able to keep these two standards current, that having more such as ASTM would be difficult. The ISPWC has to be purchased about every two years when they make an update. A centralized access point for IHS DSFC would be a much better solution.

I think it is impractical to have a complete library of all of the standards that we reference. The problem I have is not knowing if the standards we reference are the most current. The references in our specs are carried over for many years and we don't ever review them to make sure they are the most current and appropriate standards. I don't necessarily think I need the full text version of all of them but a practical way to make sure they are the correct and current references would be helpful.

We have bought a few online services that provide text to code and that is working well

Thanks for this survey. It is exceedingly difficult to impossible to purchase or access any up-to-date standards.

What's the point of this survey in terms of EPAC; how does this effect 'engineering' as a whole for the category

What is the point of these survey? What is the EPAC trying to do? Access to standards and codes that are needed for an officer's work is a programmatic decision and really has nothing to do with EPAC.

HHS/IHS/etc should have licenses for access/use of standards like AWWA, ASTM, etc. and should pay for electronic access by all engineering employees.

Question number 5 I answered no to because I am the engineer that other engineers (and Environmental Health Officers) come to when they need a code. I bought many of the codes out of pocket. It worked pretty well, but now that I am married (read broke), it may not work as well as it once did. I would strongly suggest that the Public Health Service get access to common codes (ASTM, IBC, IEEE) online and that it make those codes available to all. Incidentally, small private industry also struggles with these code issues; however, all private industry as large as the IHS or the FDA have access to ASTM (& IEEE/IBC/etc.) standards.

Thanks for the survey.

### FDA

In addition to the standards organizations you listed above, we are also involved with AAMI and ISO standards.

In my opinion, the FDA provides adequate access to standards

### NPS

I do not use or reference ANY of the standards listed. Rather, I access Clean Air Act, 40 CFR parts 50-86, EPA published control technique manuals, air emissions estimation handbooks, etc. I do have full access to all of that, mostly electronically, for free and readily available by clicking a shortcut link on my laptop. So, I couldn't really answer your survey well at all

## APPENDIX B: LIST OF DESIRED STANDARDS

The "Desired List" of Standards based on Typically Referenced Standards in IHS SFC & Facilities Technical Specs

<u>Publisher</u>	<u>Document No:</u>	<u>Title</u>
ACI	ACI 318/318M	Building Code Requirements for Structural Concrete
	ACI 423.7	Unbonded Single Strand Tendon Materials
ASTM	ASTM A126-04(2009)	Standard Specification for Gray Iron Castings for Valves, Flanges, and Pipe Fittings
	ASTM A 159-83(2006)	Standard Specification for Automotive Gray Iron Castings
	ASTM A185/A 185M-07	Standard Specification for Steel Welded Wire Reinforcement, Plain, for Concrete
	ASTM A240/A240M-11 a	Standard Specification for Chromium and Chromium-Nickel Stainless Steel Plate, Sheet, and Strip for Pressure Vessels and for General Applications
	ASTM A252-10	Standard Specification for Welded and Seamless Steel Pipe Piles
	ASTM A351/A351 M-10	Standard Specification for Castings, Austenitic, for Pressure-Containing Parts
	ASTM A53/A53M-10	Standard Specification for Pipe, Steel, Black and Hot-Dipped, Zinc-Coated, Welded and Seamless
	ASTM A615/615M-09b	Standard Specification for Deformed and Plain Carbon-Steel Bars for Concrete Reinforcement
	ASTM C442/C442M-04e1	Standard Specification for Gypsum Backing Board, Gypsum Coreboard, and Gypsum Shaftliner Board
	ASTM 01248-05	Standard Specification for Polyethylene Plastics Extrusion Materials For Wire and Cable
	ASTM 01784-11	Standard Specification for Rigid Poly(Vinyl Chloride) (PVC) Compounds and Chlorinated Poly(Vinyl Chloride) (CPVC) Compounds
	ASTM 02239-03	Standard Specification for Polyethylene (PE) Plastic Pipe (SIDR-PR) Based on Controlled Inside Diameter
	ASTM 02241-09	Standard Specification for Poly(Vinyl Chloride) (PVC) Pressure-Rated Pipe (SOR Series)
	ASTM 02661-11	Standard Specification for Acrylonitrile-Butadiene-Styrene (ABS) Schedule 40 Plastic Drain, Waste, and Vent Pipe and Fittings
	ASTM 02665-11	Standard Specification for Poly(Vinyl Chloride) (PVC) Plastic Drain, Waste, and Vent Pipe and Fittings
	ASTM 02751-05	Standard Specification for Acrylonitrile-Butadiene-Styrene (ABS) Sewer Pipe and Fittings
	ASTM 02774-08	Standard Practice for Underground Installation of Thermoplastic Pressure Piping
	ASTM D2855-96(2010)	Standard Practice for Making Solvent-Cemented Joints with Poly(Vinyl Chloride) (PVC) Pipe and Fittings
	ASTM 03034-08	Standard Specification for Type PSM Poly(Vinyl Chloride) (PVC) Sewer Pipe and Fittings
	ASTM D3212-07	Standard Specification for Joints for Drain and Sewer Plastic Pipes Using Flexible Elastomeric Seals
	ASTM D3261-10a	Standard Specification for Butt Heat Fusion Polyethylene (PE) Plastic Fittings for Polyethylene (PE) Plastic Pipe and Tubing
	ASTM D3311-11	Standard Specification for Drain, Waste, and Vent (DWV) Plastic Fittings Patterns
	ASTM 03350-10a	Standard Specification for Polyethylene Plastics Pipe and Fittings Materials
	ASTM 0714-02(2009)	Standard Test Method for Evaluating Degree of Blistering of Paints
	ASTM 0746-07	Standard Test Method for Brittleness Temperature of Plastics and Elastomers by Impact
	ASTM F480-06be1	Couplings Made in Standard Dimension Ratios (SOR), SCH 40 and SCH 80
ANSI / AWWA	ANSI/AWWA A100-06	Water Wells
	ANSI/AWWA C104/A21.4-08	Cement-Mortar Lining for Ductile-Iron Pipe and Fittings, Includes Erratum (2010)
	ANSI/AWWA C105/A21.5-10	American National Standard for Polyethylene Encasement for Ductile-Iron Pipe Systems
	ANSI/AWWA C111/A21.11-07	Rubber-Gasket Joints for Ductile-Iron Pressure Pipe and Fittings
	ANSI/AWWA C151/A21.51-09	Ductile-Iron Pipe, Centrifugally Cast
	ANSI/AWWA C504-10	Rubber-Sealed Butterfly Valves, 3 in (74mm) through 72 in (1800mm)



	ANSI/AWWA C507-11	Ball Valves, 6 In.Through 48 In. (150 mm Through 1,200 mm)
	ANSI/AWWA C509-09	Resilient-Seated Gate Valves for Water-Supply Service
	ANSI/AWWA C600-10	Installation of Ductile-Iron Water Mains and Their Appurtenances
	ANSI/AWWA C605-05	Underground Installation of Polyvinyl Chloride (PVC) Pressure Pipe and Fittings for Water
	ANSI/AWWA C606-06	Grooved and Shouldered Joints
	AWWA C651-05	Disinfecting Water Mains
	AWWA C652-02	Disinfection of Water-Storage Facilities
	ANS I/AWWA C700-09	AWWA Standard for Cold-Water Meters -- Displacement Type, Bronze Main Case, Includes Erratum
	ANSI/AWWA C708-05	Cold-Water Meters Multijet Type
	ANSI/AWWA C800-05	Underground Service Line Valves and Fittings
	ANSI/AWWA C900-07	Polyvinyl Chloride (PVC) Pressure Pipe and Fabricated Fittings, 4 In.-12 In. (100 mm-300 mm), for Water Transmission and Distribution
	ANS I/AWWA C901-08	Polyethylene (PE) Pressure Pipe and Tubing, 1/2 In. (13 mm) Through 3 In. (76 mm), for Water Service
	ANSI/AWWA 0100-11	Welded Steel Tanks for Water Storage
<b>AASHTO</b>	Product Set	Highway Design Suite
<b>ASME</b>	ASME Building Block	10 Documents
<b>ASM</b>	ANSI/ASME B16.1-2010	Gray Iron Pipe Flanges and Flanged Fittings: Classes 25, 125, and 250
	ASM SA-240	ESC-VAGS - Shock Resistant Alloy Steel
<b>ASSE (safety)</b>	ANSI/ASSE Z117.1-2009	Safety Requirements for Confined Spaces
<b>ASHRAE (HVAC, indoor air quality)</b>	ANS I/ASHRAE 55-2010	Standard 55-2010 -- Thermal Environmental Conditions for Human Occupancy (ANS Iapproved)
	ANSI/ASHRAE 62.1-2010	Standard 62.1-2010 -- Ventilation for Acceptable Indoor Air Quality (ANSI Approved)
<b>AWS (welding)</b>	AWS Building Block	5 Documents
	ANSI/AWS D1.1/ D1.1M	Structural Welding Code - Steel
<b>ICC</b>	ICC IBC-2012	2012 International Building Code.
<b>IAPMO</b>	ANSI/IAPMO UMC 1-2009	2009 Uniform Mechanical Code
	ANSI/IAPMO UPC 1-2009	2009 Uniform Plumbing Code
	IAPMO USEC 1-2009	2009 Uniform Solar Energy Code
<b>IEEE</b>	IEEE Building Block	5 Documents

ISEA (safety equipment)	Product Set	ISEA Product set
NEMA	NEMA ICS 7.1-2014	Adjustable Speed Drives
NFPA (Fire)	Product Set	NFPA (Fire) Current Product Set
	Product Set	NFPA Handbooks
NSF		
	NSF Building Block	5 Documents
SSPC (protective coatings)	Product Set	
UL		
	508	Control Equipment
	1741	Inverters, Converters, Controllers, and Interconnection System Equipment

## APPENDIX C: MADCAD QUOTES AND PROPOSED STANDARDS PACKAGE



3000 Connecticut Avenue, NW, Suite 200  
Washington, D.C. 20008  
☎ 202 265 1940  
📠 202 265 1941

**MADCAD Quotes for**  
**1 regional or Area office with its**  
**satellite district and field offices**  
**and for a nationwide subscription**  
**for all agency users, for single and**  
**two simultaneous user access**

February 5, 2020

Thank you for giving us the opportunity to provide the pricing information below for a possible subscription to MADCAD.com building codes and standards eLibrary. Please review Appendix A for list of codes & standards that are included in the quote.

**Option A: Pricing for One Regional Office**

**Annual Price for 1 Concurrent-User Access: \$7,500.00**

**Annual Price for 2 Concurrent-Users Access: \$12,000.00**

**Option B: Pricing for 12 Regional Offices – Enterprise-wide Access**

**Annual Price for 1 Concurrent-User Access: \$21,600.00**

**Annual Price for 2 Concurrent-Users Access: \$26,500.00**

**Free Resources**

- **Federal Guidelines including ADA, ABA, and FEMA**
- **State & Local Amendments**

\*Listed prices are good for 60 days.

If you have any questions, please do not hesitate to contact me at [ededebras@madcad.com](mailto:ededebras@madcad.com) or 202-265-1940 ext.207.

Best regards,

**ONLINE BUILDING CODES & STANDARDS**



3000 Connecticut Avenue, NW, Suite 200  
Washington, D.C. 20008  
☎ 202 265 1940  
📠 202 265 1941

Erdem Dedevas  
Senior Vice President, Sales & Operations

### **Appendix A – Quoted Content List**

- ACI 318-14: Building Code Requirements for Structural Concrete and Commentary, Sixth Printing - ERRATA as of August 21, 2017
- ACI 318M-14: Metric Building Code Requirements for Structural Concrete and Commentary
- ACI 423.7-14 Specification for Unbonded Single-Strand Tendon Materials
- ASHRAE Standard 55-2010 Thermal Environmental Conditions for Human Occupancy(ANSI approved)
- ASHRAE Standard 62.1-2010 Ventilation for Acceptable Indoor Air Quality
- ASME B16.1-2010 Gray Iron Pipe Flanges and Flanged Fittings
- ASTM A126-04(2009): A126-04(2009) Standard Specification for Gray Iron Castings for Valves, Flanges, and Pipe Fittings
- ASTM A159-83(2006): A159-83(2006) Standard Specification for Automotive Gray Iron Castings
- ASTM A185/A185M-06: A185/A185M-06 Standard Specification for Steel Welded Wire Reinforcement, Plain, for Concrete
- ASTM A252-10: A252-10 Standard Specification for Welded and Seamless Steel Pipe Piles
- ASTM A240/A240M-11a: A240/A240M-11a Standard Specification for Chromium and Chromium-Nickel Stainless Steel Plate, Sheet, and Strip for Pressure Vessels and for General Applications
- ASTM A351/A351M-10: A351/A351M-10 Standard Specification for Castings, Austenitic, for Pressure-Containing Parts
- ASTM A53/A53M-10: A53/A53M-10 Standard Specification for Pipe, Steel, Black and Hot-Dipped, Zinc-Coated, Welded and Seamless
- ASTM A615/A615M-09b: A615/A615M-09b Standard Specification for Deformed and Plain Carbon-Steel Bars for Concrete Reinforcement
- ASTM C442/C442M-04 Standard Specification for Gypsum Backing Board, Gypsum Coreboard, and Gypsum Shaftliner Board



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- ASTM D1248-05: D1248-05 Standard Specification for Polyethylene Plastics Extrusion Materials For Wire and Cable
- ASTM D1784-11: D1784-11 Standard Specification for Rigid Poly(Vinyl Chloride) (PVC) Compounds and Chlorinated Poly(Vinyl Chloride) (CPVC) Compounds
- ASTM D2239-12a: D2239-12a Standard Specification for Polyethylene (PE) Plastic Pipe (SIDR-PR) Based on Controlled Inside Diameter
- ASTM D2241-09: D2241-09 Standard Specification for Poly(Vinyl Chloride) (PVC) Pressure-Rated Pipe (SDR Series)
- ASTM D2661-11: D2661-11 Standard Specification for Acrylonitrile-Butadiene-Styrene (ABS) Schedule 40 Plastic Drain, Waste, and Vent Pipe and Fittings
- ASTM D2665-11: D2665-11 Standard Specification for Poly(Vinyl Chloride) (PVC) Plastic Drain, Waste, and Vent Pipe and Fittings
- ASTM D2751-05: D2751-05 Standard Specification for Acrylonitrile-Butadiene-Styrene (ABS) Sewer Pipe and Fittings (Redline)
- ASTM D2774-08: D2774-08 Standard Practice for Underground Installation of Thermoplastic Pressure Piping
- ASTM D2855-96(2010): D2855-96(2010) Standard Practice for Making Solvent-Cemented Joints with Poly(Vinyl Chloride) (PVC) Pipe and Fittings
- ASTM D3034-08: D3034-08 Standard Specification for Type PSM Poly(Vinyl Chloride) (PVC) Sewer Pipe and Fittings
- ASTM D3212-07: D3212-07 Standard Specification for Joints for Drain and Sewer Plastic Pipes Using Flexible Elastomeric Seals
- ASTM D3261-10a: D3261-10a Standard Specification for Butt Heat Fusion Polyethylene (PE) Plastic Fittings for Polyethylene (PE) Plastic Pipe and Tubing
- ASTM D3311-11: D3311-11 Standard Specification for Drain, Waste, and Vent (DWV) Plastic Fittings Patterns
- ASTM D3350-10a: D3350-10a Standard Specification for Polyethylene Plastics Pipe and Fittings Materials
- ASTM D714-02(2009): D714-02(2009) Standard Test Method for Evaluating Degree of Blistering of Paints
- ASTM D746-07: D746-07 Standard Test Method for Brittleness Temperature of Plastics and Elastomers by Impact



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- ASTM F480-06be1: F480-06be1 Standard Specification for Thermoplastic Well Casing Pipe and Couplings Made in Standard Dimension Ratios (SDR), SCH 40 and SCH 80
- AWS D1.1/D1.1M:2015 (2nd Printing) Structural Welding Code-Steel
- AWWA A100-15 Water Wells
- AWWA C104-08: Cement Mortar Lining For Ductile Iron Pipe And Fittings For Water With Erratum-201001
- AWWA C105-10: Polyethylene Encasement For Ductile-Iron Pipe Systems
- AWWA C111-07: Rubber Gasket Joints For Ductile-Iron Pressure Pipe And Fittings
- AWWA C151-09: Ductile Iron Pipe, Centrifugally Cast, For Water
- AWWA C504-10: Rubber Seated Butterfly Valves
- AWWA C507-11: Ball Valves, 6 Inch Thru 48 Inch (150 MM Thru 1,200 MM)
- AWWA C509-09: Resilient Seated Gate Valves For Water Supply Service
- AWWA C600-10: Installation Of Ductile Iron Water Mains And Their Appurtenances
- AWWA C605-05: Underground Installation Of Polyvinyl Chloride (PVC) Pressure Pipe & Fittings For Water
- AWWA C606-11: Grooved And Shouldered Joints
- AWWA C651-05: Disinfecting Water Mains
- AWWA C652-11: Disinfection Of Water Storage Facilities
- AWWA C700-09: Cold Water Meters-Displacement Type, Bronze Main Case
- AWWA C708-11: Cold Water Meters--Multijet Type
- AWWA C800-05: Underground Service Line Valves & Fittings (Also Included: Collected Standards For Service Line Materials)
- AWWA C900-07: PVC Pressure Pipe & Fab. Fittings 4\12\" (100 MM-300 MM) For Water Distribution With Erratum-200802"
- AWWA C901-08: Polyethylene Pressure Pipe & Tubing, 1/2\3\" (13 MM-76 MM) For Water Service"
- AWWA D100-11: Welded Carbon Steel Tanks For Water Storage
- 2009 Uniform Mechanical Code
- 2009 Uniform Plumbing Code, 8th Printing
- 2009 Uniform Solar Energy Code
- 2012 International Building Code
- NFPA NFC Package with all NFPA Standards & NFPA Handbooks

**ONLINE BUILDING CODES & STANDARDS**

## APPENDIX D: IHS GLOBAL QUOTES AND PROPOSED STANDARDS PACKAGE



# October 2018

IHSGlobal Quote  
Single "Site" or Area office  
with associated District and Field offices  
Single Simultaneous User Access  
and Proposed Standards Package

Location s/ Sites	Concurrent Users	# Potential Users	Media	SAP Material #	PRODUCTS DESCRIPTION	BASE PRICE
1	999	N/A	Online	2000027216	EWB Platform- IHS Engineering Workbench uniquely meets the information and decision-making needs of today's technical enterprise. By providing a single point of access to critical information resources and tools to help analyze and leverage essential knowledge, Engineering Workbench accelerates research and helps technical professionals solve problems, faster and better, to deliver competitive advantage.	packaged
1	1	N/A	Online	2000022099	AASHTO/Highway Design Active Collection	packaged
<b>1</b>	<b>1</b>	<b>N/A</b>	<b>Online</b>	<b>2000031735</b>	<b>AWS Custom Block 1-10 Documents</b>	<b>exclusive</b>
1	1	N/A	Online	2000021547	ICC/2012 I-Codes	packaged
1	1	N/A	Online	2000031725	ASME Custom Block 1-10 Stds(Excludes FFS-1)	packaged
1	999	N/A	Online	2000025994	IEEE Custom Block 1-10 Standards	packaged
1	1	N/A	Online	2000021670	ISEA/Collection Active	packaged
1	1	N/A	Online	2000021856	NFPA/Fire Codes Active	packaged
1	1	N/A	Online	2000023684	NFPA/Handbooks Active	packaged
1	1	N/A	Online	2000022013	SSPC/Collection Active	packaged
1	1	N/A	Online	2000024367	NSF/Collection Active	packaged
1	1	N/A	Online	2000020656	ASME/BPVC Sec II Part A - 1983-Active	packaged
<b>1</b>	<b>1</b>	<b>N/A</b>	<b>Online</b>	<b>2000020609</b>	<b>ASME/BPVC Advantage</b>	<b>exclusive</b>
1	1	N/A	Online	2000022016	Custom Collection Quote 232569 (see page 6-7)	packaged
1	999	N/A	Online	2000022247	ASTM/BOS Vol 08.04 Active – Historical – Redline	packaged
<b>Sub-Total Fee</b>						<b>26,491.00</b>



## Custom Collection Quote - Documents Included / Excluded

Company Name	Indian Health Services
Requestor	ALEXA ASHMORE
Quote Id	232539
Quote Date	10/23/2018
Sites	1
Simultaneous Users	1
Countries	UNITED STATES
List Name	Indian Health Services

### Documents Included in Quote

Item #	Version	Document Number	Document Date	Document Status	Languages
1	Current	ACI 318M	01/01/2014	Active	
2	Current	ACI 423.7	11/01/2014	Active	
3	Current	ASHRAE 55 ADD A	10/31/2017	Active	
4	Current	ASHRAE 55	01/01/2017	Active	
5	Current	ASHRAE 62.1 INT 4	01/21/2018	Active	
6	Current	ASHRAE 62.1 INT 3	01/21/2018	Active	
7	Current	ASHRAE 62.1 ERTA	10/20/2016	Active	
8	Current	ASHRAE 62.1 INT 1	10/19/2016	Active	
9	Current	ASHRAE 62.1	01/01/2016	Active	
10	Current	ASSP Z117.1	01/01/2016	Active	
11	Current	ASTM A53/A53M	07/01/2018	Active	
12	Current	ASTM A126	05/01/2004	Active	
13	Current	ASTM A159	07/29/1983	Active	
14	Current	ASTM A240/A240M	11/01/2017	Active	
15	Current	ASTM A252	10/01/2010	Active	
16	Current	ASTM A351/A351M	05/01/2018	Active	
17	Current	ASTM A615/A615M	07/01/2018	Active	
18	Current	ASTM A1064/A1064M	03/15/2017	Active	
19	Current	ASTM C1396/C1396M	07/01/2017	Active	
20	Current	ASTM D714	12/10/2002	Active	
21	Current	ASTM D746	12/01/2014	Active	
22	Current	ASTM D1248	11/15/2016	Active	
23	Current	ASTM D1784	05/01/2011	Active	
24	Current	ASTM D2241	03/01/2015	Active	
25	Current	ASTM D3350	11/01/2014	Active	

Initials: \_\_\_\_\_



## The Source for Critical Information and Insight™

Item #	Version	Document Number	Document Date	Document Status	Languages
26	Current	AWWA A100	06/07/2015	Active	
27	Current	AWWA C104/A21.4	01/16/2016	Active	
28	Current	AWWA C105/A21.5	06/20/2010	Active	
29	Current	AWWA C111/A21.11	01/14/2017	Active	
30	Current	AWWA C151/A21.51	01/14/2017	Active	
31	Current	AWWA C504	06/07/2015	Active	
32	Current	AWWA C507	01/20/2018	Active	
33	Current	AWWA C509	06/07/2015	Active	
34	Current	AWWA C600	01/14/2017	Active	
35	Current	AWWA C605	06/09/2013	Active	
36	Current	AWWA C606	01/24/2015	Active	
37	Current	AWWA C651	06/08/2014	Active	
38	Current	AWWA C652	06/12/2011	Active	
39	Current	AWWA C700	01/24/2015	Active	
40	Current	AWWA C708	01/24/2015	Active	
41	Current	AWWA C800	06/08/2014	Active	
42	Current	AWWA C900	01/01/2016	Active	
43	Current	AWWA C901	06/11/2017	Active	
44	Current	AWWA D100	01/23/2011	Active	
45	Current	NEMA ICS 7.1	01/01/2014	Active	
46	Current	UL 508	03/30/2018	Active	
47	Current	UL 1741	01/28/2010	Active	

Customer Signature

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Date

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IHS MARKIT CONFIDENTIAL AND PROPRIETARY



## Custom Collection Quote - Documents Included / Excluded

Company Name	Indian Health Services
Requestor	ALEXA ASHMORE
Quote Id	266060
Quote Date	1/10/2020
Sites	3
Simultaneous Users	1
Countries	UNITED STATES
List Name	Indian Health Services 1-10-20

### Documents Included in Quote

Item #	Version	Document Number	Document Date	Document Status	Languages
1	Current	ACI 318M	10/01/2019	Active	
2	Current	ACI 423.7	11/01/2014	Active	
3	Current	ASHRAE 55 ERTA	01/29/2019	Active	
4	Current	ASHRAE 55 ADD A	10/31/2017	Active	
5	Current	ASHRAE 55	01/01/2017	Active	
6	Current	ASHRAE 62.1 ADD Y	10/16/2019	Active	
7	Current	ASHRAE 62.1	01/01/2019	Active	
8	Current	ASSP Z117.1	01/01/2016	Active	
9	Current	ASTM A53/A53M	07/01/2018	Active	
10	Current	ASTM A126	05/01/2004	Active	
11	Current	ASTM A159	07/29/1983	Active	
12	Current	ASTM A240/A240M	12/01/2019	Active	
13	Current	ASTM A252/A252M	07/01/2019	Active	
14	Current	ASTM A351/A351M	05/01/2018	Active	
15	Current	ASTM A615/A615M	07/01/2018	Active	
16	Current	ASTM A1064/A1064M REV A	11/15/2018	Active	
17	Current	ASTM C1396/C1396M	07/01/2017	Active	
18	Current	ASTM D714	12/10/2002	Active	
19	Current	ASTM D746	12/01/2014	Active	
20	Current	ASTM D1248	11/15/2016	Active	
21	Current	ASTM D1784	05/01/2011	Active	
22	Current	ASTM D2241	03/01/2015	Active	
23	Current	ASTM D3350	11/01/2014	Active	
24	Current	AWWA A100	06/07/2015	Active	
25	Current	AWWA C104/A21.4	01/16/2016	Active	

Initials: \_\_\_\_\_



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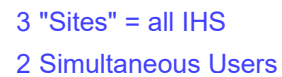
Item #	Version	Document Number	Document Date	Document Status	Languages
26	Current	AWWA C105/A21.5	06/09/2018	Active	
27	Current	AWWA C111/A21.11	01/14/2017	Active	
28	Current	AWWA C151/A21.51	01/14/2017	Active	
29	Current	AWWA C504	06/07/2015	Active	
30	Current	AWWA C507	01/20/2018	Active	
31	Current	AWWA C509	06/07/2015	Active	
32	Current	AWWA C600	01/14/2017	Active	
33	Current	AWWA C605	06/09/2013	Active	
34	Current	AWWA C606	01/24/2015	Active	
35	Current	AWWA C651	06/08/2014	Active	
36	Current	AWWA C652	06/12/2011	Active	
37	Current	AWWA C700	01/24/2015	Active	
38	Current	AWWA C708	01/24/2015	Active	
39	Current	AWWA C800	06/08/2014	Active	
40	Current	AWWA C900	01/01/2016	Active	
41	Current	AWWA C901	06/11/2017	Active	
42	Current	AWWA D100	01/23/2011	Active	
43	Current	NEMA ICS 7.1	01/01/2014	Active	
44	Current	UL 508	03/30/2018	Active	
45	Current	UL 1741	01/28/2010	Active	

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Date

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## Custom Collection Quote - Documents Included / Excluded

Company Name	Indian Health Services
Requestor	ALEXA ASHMORE
Quote Id	266179
Quote Date	1/14/2020
Sites	3
Simultaneous Users	2
Countries	UNITED STATES
List Name	Indian Health Services 1-10-20

### Documents Included in Quote

Item #	Version	Document Number	Document Date	Document Status	Languages
1	Current	ACI 318M	10/01/2019	Active	
2	Current	ACI 423.7	11/01/2014	Active	
3	Current	ASHRAE 55 ERTA	01/29/2019	Active	
4	Current	ASHRAE 55 ADD A	10/31/2017	Active	
5	Current	ASHRAE 55	01/01/2017	Active	
6	Current	ASHRAE 62.1 ADD Y	10/16/2019	Active	
7	Current	ASHRAE 62.1	01/01/2019	Active	
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10	Current	ASTM A126	05/01/2004	Active	
11	Current	ASTM A159	07/29/1983	Active	
12	Current	ASTM A240/A240M	12/01/2019	Active	
13	Current	ASTM A252/A252M	07/01/2019	Active	
14	Current	ASTM A351/A351M	05/01/2018	Active	
15	Current	ASTM A615/A615M	07/01/2018	Active	
16	Current	ASTM A1064/A1064M REV A	11/15/2018	Active	
17	Current	ASTM C1396/C1396M	07/01/2017	Active	
18	Current	ASTM D714	12/10/2002	Active	
19	Current	ASTM D746	12/01/2014	Active	
20	Current	ASTM D1248	11/15/2016	Active	
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Item #	Version	Document Number	Document Date	Document Status	Languages
26	Current	AWWA C105/A21.5	06/09/2018	Active	
27	Current	AWWA C111/A21.11	01/14/2017	Active	
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32	Current	AWWA C600	01/14/2017	Active	
33	Current	AWWA C605	06/09/2013	Active	
34	Current	AWWA C606	01/24/2015	Active	
35	Current	AWWA C651	06/08/2014	Active	
36	Current	AWWA C652	06/12/2011	Active	
37	Current	AWWA C700	01/24/2015	Active	
38	Current	AWWA C708	01/24/2015	Active	
39	Current	AWWA C800	06/08/2014	Active	
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43	Current	NEMA ICS 7.1	01/01/2014	Active	
44	Current	UL 508	03/30/2018	Active	
45	Current	UL 1741	01/28/2010	Active	

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DocumentNumber	Date	Title	Status
AASHTO DBP	1/1/2008	AASHTO Guide for Design-Build Procurement - Revision 1	Active
AASHTO FHD	5/1/2004	A Guide to Achieving Flexibility in Highway Design - Revision 1	Active
AASHTO GBF ERTA	2/1/2017	Guide for the Development of Bicycle Facilities - Fourth Edition	Active
AASHTO GBF ERTA 1	2/1/2013	Guide for the Development of Bicycle Facilities - Fourth Edition	Active
AASHTO GBF	1/1/2012	Guide for the Development of Bicycle Facilities - Fourth Edition	Active
AASHTO GL-6	10/1/2005	Roadway Lighting Design Guide - Incorporating Amendment: October 2010	Active
AASHTO GPF	7/1/2004	Guide for the Planning, Design, and Operation of Pedestrian Facilities - Revision 1	Active
AASHTO GPRF	11/1/2004	Guide for Park-and-Ride Facilities - Revision 2	Active
AASHTO VLVLR ERTA 1	8/1/2002	Guidelines for Geometric Design of Very Low-Volume Local Roads (ADT Less Than or Equal to 400) - Revision 1	Active
AASHTO VLVLR	1/1/2001	Guidelines for Geometric Design of Very Low-Volume Local Roads (ADT Less Than or Equal to 400) - Revision 1	Active

DocumentNumber	Date	Title	Status
ASTM D2445	12/19/1969	STANDARD TEST METHOD FOR THERMAL OXIDATIVE STABILITY OF PROPYLENE PLASTICS (R 1981) (E1-1981)	Withdrawn
ASTM D2750	9/10/1995	Standard Specification for Acrylonitrile-Butadiene-Styrene (ABS) Plastics Utilities Conduit and Fittings	Withdrawn
ASTM D2853	6/26/1981	STANDARD SPECIFICATION FOR REINFORCED OLEFIN INJECTION MOLDING AND EXTRUSION MATERIALS	Withdrawn
ASTM D1503	1/1/1973	STANDARD SPECIFICATION FOR CELLULOSE ACETATE BUTYRATE (CAB) PLASTIC PIPE, SCHEDULE 40	Withdrawn
ASTM D1527	5/10/1999	Standard Specification for Acrylonitrile-Butadiene-Styrene (ABS) Plastic Pipe, Schedules 40 and 80	Withdrawn
ASTM D1598 REV A	12/1/2015	Standard Test Method for Time-to-Failure of Plastic Pipe Under Constant Internal Pressure	Active
ASTM D1599	9/1/2018	Standard Test Method for Resistance to Short-Time Hydraulic Pressure of Plastic Pipe, Tubing, and Fittings	Active
ASTM D1785	8/1/2015	Standard Specification for Poly(Vinyl Chloride) (PVC) Plastic Pipe, Schedules 40, 80, and 120	Active
ASTM D2104	8/10/2003	Standard Specification for Polyethylene (PE) Plastic Pipe, Schedule 40	Withdrawn
ASTM D2122	11/1/2016	Standard Test Method for Determining Dimensions of Thermoplastic Pipe and Fittings	Active
ASTM D2152	11/1/2017	Standard Test Method for Adequacy of Fusion of Extruded Poly(Vinyl Chloride) (PVC) Pipe and Molded	Active
ASTM D2235	10/1/2004	Standard Specification for Solvent Cement for Acrylonitrile-Butadiene-Styrene (ABS) Plastic Pipe and Fittings	Active
ASTM D2239 REV A	11/1/2012	Standard Specification for Polyethylene (PE) Plastic Pipe (SIDR-PR) Based on Controlled Inside Diameter	Active
ASTM D2241	3/1/2015	Standard Specification for Poly(Vinyl Chloride) (PVC) Pressure-Rated Pipe (SDR Series)	Active
ASTM D2241	12/1/2009	Standard Specification for Poly(Vinyl Chloride) (PVC) Pressure-Rated Pipe (SDR Series)	Active
ASTM D2282	5/10/1999	Standard Specification for Acrylonitrile-Butadiene-Styrene (ABS) Plastic Pipe (SDR-PR)	Withdrawn
ASTM D2290	8/1/2016	Standard Test Method for Apparent Hoop Tensile Strength of Plastic or Reinforced Plastic Pipe	Active
ASTM D2321	3/1/2018	Standard Practice for Underground Installation of Thermoplastic Pipe for Sewers and Other Gravity-Flow	Active
ASTM D2412	4/1/2011	Standard Test Method for Determination of External Loading Characteristics of Plastic Pipe by Parallel-Plate	Active
ASTM D2444	11/15/2017	Standard Practice for Determination of the Impact Resistance of Thermoplastic Pipe and Fittings by Means of	Active
ASTM D2446	1/29/1973	STANDARD SPECIFICATION FOR CELLULOSE ACETATE BUTYRATE (CAB) PLASTIC PIPE (SDR-PR) AND TUBING	Withdrawn
ASTM D2447	8/10/2003	Standard Specification for Polyethylene (PE) Plastic Pipe, Schedules 40 and 80, Based on Outside Diameter	Withdrawn
ASTM D2464	3/1/2015	Standard Specification for Threaded Poly(Vinyl Chloride) (PVC) Plastic Pipe Fittings, Schedule 80	Active
ASTM D2465	6/27/1973	STANDARD SPECIFICATION FOR THREADED ACRYLONITRILE-BUTADIENE-STYRENE (ABS) PLASTIC PIPE	Withdrawn
ASTM D2466	8/1/2017	Standard Specification for Poly(Vinyl Chloride) (PVC) Plastic Pipe Fittings, Schedule 40	Active
ASTM D2467	3/1/2015	Standard Specification for Poly(Vinyl Chloride) (PVC) Plastic Pipe Fittings, Schedule 80	Active
ASTM D2468 REV A	9/10/1996	Standard Specification for Acrylonitrile-Butadiene-Styrene (ABS) Plastic Pipe Fittings, Schedule 40	Withdrawn
ASTM D2513 REV A	8/1/2018	Standard Specification for Polyethylene (PE) Gas Pressure Pipe, Tubing, and Fittings	Active
ASTM D2560	10/31/1980	STANDARD SPECIFICATION FOR SOLVENT CEMENTS FOR CELLULOSE ACETATE BUTYRATE (CAB) PLASTIC PIPE,	Withdrawn
ASTM D2564	8/1/2012	Standard Specification for Solvent Cements for Poly(Vinyl Chloride) (PVC) Plastic Piping Systems	Active
ASTM D2609	4/1/2015	Standard Specification for Plastic Insert Fittings for Polyethylene (PE) Plastic Pipe	Active
ASTM D2657	5/1/2007	Standard Practice for Heat Fusion Joining of Polyolefin Pipe and Fittings	Active
ASTM D2661	12/1/2014	Standard Specification for Acrylonitrile-Butadiene-Styrene (ABS) Schedule 40 Plastic Drain, Waste, and Vent	Active
ASTM D2662 REV A	9/10/1996	Standard Specification for Polybutylene (PB) Plastic Pipe (SIDR-PR) Based on Controlled Inside Diameter	Withdrawn
ASTM D2665	5/1/2014	Standard Specification for Poly(Vinyl Chloride) (PVC) Plastic Drain, Waste, and Vent Pipe and Fittings	Active
ASTM D2666 REV A	9/10/1996	Standard Specification for Polybutylene (PB) Plastic Tubing	Withdrawn
ASTM D2672	11/15/2014	Standard Specification for Joints for IPS PVC Pipe Using Solvent Cement	Active
ASTM D2680	8/10/2001	Standard Specification for Acrylonitrile-Butadiene-Styrene (ABS) and Poly(Vinyl Chloride) (PVC) Composite	Active

ASTM D2683	11/1/2014	Standard Specification for Socket-Type Polyethylene Fittings for Outside Diameter-Controlled Polyethylene	Active
ASTM D2729	9/1/2017	Standard Specification for Poly(Vinyl Chloride) (PVC) Sewer Pipe and Fittings	Active
ASTM D2737 REV A	11/1/2012	Standard Specification for Polyethylene (PE) Plastic Tubing	Active
ASTM D2740	2/24/1989	Standard Specification for Poly(Vinyl Chloride) (PVC) Plastic Tubing	Withdrawn
ASTM D2749	4/1/2013	Standard Symbols for Dimensions of Plastic Pipe Fittings	Active
ASTM D2751	5/1/2005	Standard Specification for Acrylonitrile-Butadiene- Styrene (ABS) Sewer Pipe and Fittings	Withdrawn
ASTM D2774	2/1/2012	Standard Practice for Underground Installation of Thermoplastic Pressure Piping	Active
ASTM D2837	11/15/2013	Standard Test Method for Obtaining Hydrostatic Design Basis for Thermoplastic Pipe Materials or Pressure Design Basis for Thermoplastic Pipe Products	Active
ASTM D2846/D2846M REV B	12/1/2017	Standard Specification for Chlorinated Poly(Vinyl Chloride) (CPVC) Plastic Hot- and Cold-Water Distribution	Active
ASTM D2852	2/1/2016	Standard Specification for Styrene-Rubber (SR) Plastic Drain Pipe and Fittings	Active
ASTM D2855	11/1/2015	Standard Practice for the Two-Step (Primer and Solvent Cement) Method of Joining Poly (Vinyl Chloride) (PVC) or Chlorinated Poly (Vinyl Chloride) (CPVC) Pipe and Piping Components with Tapered Sockets	Active
ASTM D2949	11/15/2010	Standard Specification for 3.25-in. Outside Diameter Poly(Vinyl Chloride) (PVC) Plastic Drain, Waste, and Vent	Active
ASTM D3000 REV A	9/10/1995	Standard Specification for Polybutylene (PB) Plastic Pipe (SDR-PR) Based on Outside Diameter	Withdrawn
ASTM D3033	3/29/1985	STANDARD SPECIFICATION FOR TYPE PSP POLY(VINYL CHLORIDE) (PVC) SEWER PIPE AND FITTINGS	Withdrawn
ASTM D3034	11/1/2016	Standard Specification for Type PSM Poly(Vinyl Chloride) (PVC) Sewer Pipe and Fittings	Active
ASTM D3035	3/1/2015	Standard Specification for Polyethylene (PE) Plastic Pipe (DR-PR) Based on Controlled Outside Diameter	Active
ASTM D3036	6/27/1973	STANDARD SPECIFICATION FOR SOCKET-TYPE POLY (VINYL CHLORIDE) (PVC) PLASTIC LINE COUPLINGS	Withdrawn
ASTM D3122	8/1/2015	Standard Specification for Solvent Cements for Styrene-Rubber (SR) Plastic Pipe and Fittings	Active
ASTM D3138	10/1/2004	Standard Specification for Solvent Cements for Transition Joints Between Acrylonitrile- Butadiene-Styrene (ABS) and Poly(Vinyl Chloride) (PVC) Non-Pressure Piping Components	Active
ASTM D3139	4/10/1998	Standard Specification for Joints for Plastic Pressure Pipes Using Flexible Elastomeric Seals	Active
ASTM D3140	7/27/1990	Standard Practice for Flaring Polyolefin Pipe and Tubing	Withdrawn
ASTM D3197	5/28/1973	STANDARD SPECIFICATION FOR INSERT-TYPE POLYETHYLENE FUSION FITTINGS FOR SDR 11.0 POLYETHYLENE	Withdrawn
ASTM D3212	12/15/2007	Standard Specification for Joints for Drain and Sewer Plastic Pipes Using Flexible Elastomeric Seals	Active
ASTM D3261	11/1/2016	Standard Specification for Butt Heat Fusion Polyethylene (PE) Plastic Fittings for Polyethylene (PE) Plastic	Active
ASTM D3287	2/24/1989	STANDARD SPECIFICATION FOR BIAXIALLY ORIENTED POLYETHYLENE (PEO) PLASTIC PIPE (SDR-PR) BASED ON	Withdrawn
ASTM D3298	6/26/1981	STANDARD SPECIFICATION FOR PERFORATED STYRENE- RUBBER (SR) PLASTIC DRAIN PIPE	Withdrawn
ASTM D3309 REV A	9/10/1996	Standard Specification for Polybutylene (PB) Plastic Hot- and Cold-Water Distribution Systems	Withdrawn
ASTM D3311	8/1/2017	Standard Specification for Drain, Waste, and Vent (DWV) Plastic Fittings Patterns	Active
ASTM D3485	3/1/2015	Standard Specification for Coilable High Density Polyethylene (HDPE) Cable in Conduit (CIC)	Active
ASTM D6070	9/10/2002	Standard Test Methods for Physical Properties of Smooth-Wall, Coilable, Polyethylene (PE) Conduit (Duct) for	Withdrawn
ASTM F402	8/1/2018	Standard Practice for Safe Handling of Solvent Cements, Primers, and Cleaners Used for Joining	Active
ASTM F405	8/1/2013	Standard Specification for Corrugated Polyethylene (PE) Pipe and Fittings	Withdrawn
ASTM F409	4/1/2017	Standard Specification for Thermoplastic Accessible and Replaceable Plastic Tube and Tubular Fittings	Active
ASTM F412 REV A	8/1/2017	Standard Terminology Relating to Plastic Piping Systems	Active
ASTM F423	9/10/1995	Standard Specification for Polytetrafluoroethylene (PTFE) Plastic-Lined Ferrous Metal Pipe, Fittings, and	Withdrawn
ASTM F437	3/1/2015	Standard Specification for Threaded Chlorinated Poly(Vinyl Chloride) (CPVC) Plastic Pipe Fittings, Schedule 80	Active

ASTM F438	8/1/2017	Standard Specification for Socket-Type Chlorinated Poly(Vinyl Chloride) (CPVC) Plastic Pipe Fittings, Schedule	Active
ASTM F439	8/1/2013	Standard Specification for Chlorinated Poly (Vinyl Chloride) (CPVC) Plastic Pipe Fittings, Schedule 80	Active
ASTM F441/F441M	8/1/2015	Standard Specification for Chlorinated Poly(Vinyl Chloride) (CPVC) Plastic Pipe, Schedules 40 and 80	Active
ASTM F442/F442M	6/1/2013	Standard Specification for Chlorinated Poly(Vinyl Chloride) (CPVC) Plastic Pipe (SDR $\leq$ PR)	Active
ASTM F443	1/28/1977	STANDARD SPECIFICATION FOR BELL-END CHLORINATED POLY(VINYL CHLORIDE) (CPVC) PIPE, SCHEDULE 40	Withdrawn
ASTM F449	2/15/2016	Standard Practice for Subsurface Installation of Corrugated Polyethylene Pipe for Agricultural Drainage or	Active
ASTM F477	9/15/2014	Standard Specification for Elastomeric Seals (Gaskets) for Joining Plastic Pipe	Active
ASTM F480	3/1/2014	Standard Specification for Thermoplastic Well Casing Pipe and Couplings Made in Standard Dimension Ratios	Active
ASTM F481	5/10/1997	Standard Practice for Installation of Thermoplastic Pipe and Corrugated Pipe in Septic Tank Leach Fields	Active
ASTM F491	9/10/1995	Standard Specification for Poly(Vinylidene Fluoride) (PVDF) Plastic-Lined Ferrous Metal Pipe and Fittings	Withdrawn
ASTM F492	9/10/1995	Standard Specification for Propylene and Polypropylene (PP) Plastic-Lined Ferrous Metal Pipe and Fittings	Withdrawn
ASTM F493	11/1/2014	Standard Specification for Solvent Cements for Chlorinated Poly(Vinyl Chloride) (CPVC) Plastic Pipe and	Active
ASTM F512	8/1/2012	Standard Specification for Smooth-Wall Poly(Vinyl Chloride) (PVC) Conduit and Fittings for Underground	Active
ASTM F545	9/10/1995	Standard Specification for PVC and ABS Injected Solvent Cemented Plastic Pipe Joints	Withdrawn
ASTM F546	9/10/1995	Standard Specification for Perfluoro (Ethylene-Propylene) Copolymer (FEP) Plastic-Lined Ferrous Metal Pipe	Withdrawn
ASTM F585	10/1/2016	Standard Guide for Insertion of Flexible Polyethylene Pipe Into Existing Sewers	Active
ASTM F599	1/1/1995	Standard Specification for Poly(Vinylidene Chloride) (PVDC) Plastic-Lined Ferrous Metal Pipe and Fittings	Withdrawn
ASTM F600	10/27/1978	STANDARD PRACTICE FOR NONDESTRUCTIVE ULTRASONIC EVALUATION OF SOCKET AND BUTT JOINTS OF	Withdrawn
ASTM F610/F610M	3/1/2015	Standard Practice for Evaluating the Quality of Molded Poly(Vinyl Chloride) (PVC) Plastic Pipe Fittings by the	Active
ASTM F628	11/15/2012	Standard Specification for Acrylonitrile-Butadiene-Styrene (ABS) Schedule 40 Plastic Drain, Waste, and Vent	Active
ASTM F645 REV A	3/1/2018	Standard Guide for Selection, Design, and Installation of Thermoplastic Water- Pressure Piping Systems	Active
ASTM F656	8/1/2015	Standard Specification for Primers for Use in Solvent Cement Joints of Poly(Vinyl Chloride) (PVC) Plastic Pipe	Active
ASTM F667/F667M	2/1/2016	Standard Specification for 3 through 24 in. Corrugated Polyethylene Pipe and Fittings	Active
ASTM F678	11/26/1982	STANDARD SPECIFICATION FOR POLYETHYLENE GAS PRESSURE PIPE, TUBING, AND FITTINGS	Withdrawn
ASTM F679	8/1/2016	Standard Specification for Poly(Vinyl Chloride) (PVC) Large-Diameter Plastic Gravity Sewer Pipe and Fittings	Active
ASTM F689	10/10/1997	Standard Practice for Determination of the Temperature of Above-Ground Plastic Gas Pressure Pipe within	Withdrawn
ASTM F690	9/11/1986	Standard Practice for Underground Installation of Thermoplastic Pressure Piping Irrigation Systems	Withdrawn
ASTM F699	10/10/2000	Standard Practice for Accelerated Conditioning of Polybutylene Pipe and Tubing for Subsequent Quality	Withdrawn
ASTM F714	6/1/2013	Standard Specification for Polyethylene (PE) Plastic Pipe (DR-PR) Based on Outside Diameter	Active
ASTM F725	4/10/2003	Standard Practice for Drafting Impact Test Requirements In Thermoplastic Pipe And Fittings Standards	Active
ASTM F758	11/1/2014	Standard Specification for Smooth-Wall Poly(Vinyl Chloride) (PVC) Plastic Underdrain Systems for Highway,	Active
ASTM F771	4/10/1999	Standard Specification for Polyethylene (PE) Thermoplastic High-Pressure Irrigation Pipeline Systems	Withdrawn
ASTM F781	1/1/1995	Standard Specification for Perfluoro (Alkoxyalkane) Copolymer (PFA) Plastic-Lined Ferrous Metal Pipe and	Withdrawn
ASTM F789 REV A	1/1/1995	Standard Specification for Type PS-46 and Type PS-115 Poly (Vinyl Chloride) (PVC) Plastic Gravity Flow Sewer	Withdrawn
ASTM F794	10/1/2003	Standard Specification for Poly(Vinyl Chloride) (PVC) Profile Gravity Sewer Pipe and Fittings Based on	Active
ASTM F800	2/24/1989	STANDARD SPECIFICATION FOR CORRUGATED POLY (VINYL CHLORIDE) TUBING AND COMPATIBLE FITTINGS	Withdrawn
ASTM F809/F809M	9/10/1995	Standard Specification for Large Diameter Polybutylene Plastic Pipe	Withdrawn
ASTM F809M	1/1/1995	Standard Specification for Large Diameter Polybutylene Plastic Pipe (Metric)	Withdrawn
ASTM F810	11/1/2012	Standard Specification for Smoothwall Polyethylene (PE) Pipe for Use in Drainage and Waste Disposal	Active

ASTM F845	9/10/1996	Standard Specification for Plastic Insert Fittings for Polybutylene (PB) Tubing	Withdrawn
ASTM F876	8/1/2017	Standard Specification for Crosslinked Polyethylene (PEX) Tubing	Active
ASTM F877 REV A	8/1/2018	Standard Specification for Crosslinked Polyethylene (PEX) Hot- and Cold-Water Distribution Systems	Active
ASTM F878	1/1/1995	Standard Specification for Polybutylene (PB) Thermoplastic Thin-Wall Drip Irrigation Tubing	Withdrawn
ASTM F891	10/1/2016	Standard Specification for Coextruded Poly(Vinyl Chloride) (PVC) Plastic Pipe With a Cellular Core	Active
ASTM F892	1/1/1995	Standard Specification for Polyethylene (PE) Corrugated Pipe with a Smooth Interior and Fittings	Withdrawn
ASTM F894	8/1/2013	Standard Specification for Polyethylene (PE) Large Diameter Profile Wall Sewer and Drain Pipe	Active
ASTM F905	9/1/2004	Standard Practice for Qualification of Polyethylene Saddle-Fused Joints	Active
ASTM F913	9/10/2002	Standard Specification for Thermoplastic Elastomeric Seals (Gaskets) for Joining Plastic Pipe	Active
ASTM F948	4/15/1994	Standard Test Method for Time-to-Failure of Plastic Piping Systems and Components Under Constant Internal	Withdrawn
ASTM F949	4/1/2015	Standard Specification for Poly(Vinyl Chloride) (PVC) Corrugated Sewer Pipe With a Smooth Interior and	Active
ASTM F1025	7/15/1994	Standard Guide for Selection and Use of Full-Encirclement-Type Band Clamps for Reinforcement or Repair of Punctures or Holes in Polyethylene Gas Pressure Pipe	Active
ASTM F1041	11/10/2002	Standard Guide for Squeeze-Off of Polyolefin Gas Pressure Pipe and Tubing	Active
ASTM F1055 REV A	11/15/2016	Standard Specification for Electrofusion Type Polyethylene Fittings for Outside Diameter Controlled Polyethylene and Crosslinked Polyethylene (PEX) Pipe and Tubing	Active
ASTM F1056	2/1/2018	Standard Specification for Socket Fusion Tools for Use in Socket Fusion Joining Polyethylene Pipe or Tubing	Active
ASTM F1057	2/15/2017	Standard Practice for Estimating the Quality of Extruded Poly (Vinyl Chloride) (PVC) Pipe by the Heat	Active
ASTM F1176	8/10/2001	Standard Practice for Design and Installation of Underground Thermoplastic Irrigation Systems with	Withdrawn
ASTM F1216	8/1/2016	Standard Practice for Rehabilitation of Existing Pipelines and Conduits by the Inversion and Curing of a Resin-	Active
ASTM F1248	3/10/1996	Standard Test Method for Determination of Environmental Stress Crack Resistance (ESCR) of Polyethylene	Withdrawn
ASTM F1281	8/1/2017	Standard Specification for Crosslinked Polyethylene/Aluminum/Crosslinked Polyethylene (PEX-AL-PEX)	Active
ASTM F1282	3/15/2017	Standard Specification for Polyethylene/Aluminum/Polyethylene (PE-AL-PE) Composite Pressure Pipe	Active
ASTM F1290 REV A	10/10/1998	Standard Practice for Electrofusion Joining Polyolefin Pipe and Fittings	Active
ASTM F1335	1/1/2004	Standard Specification for Pressure-Rated Composite Pipe and Fittings for Elevated Temperature Service	Withdrawn
ASTM F1336	11/1/2015	Standard Specification for Poly(Vinyl Chloride) (PVC) Gasketed Sewer Fittings	Active
ASTM F1365	12/15/1991	Standard Test Method for Water Infiltration Resistance of Plastic Underground Conduit Joints Which Use	Active
ASTM F1380 REV A	9/10/1995	Standard Specification for Metal Insert Fittings for Polybutylene (PB) Tubing	Withdrawn
ASTM F1412	2/1/2016	Standard Specification for Polyolefin Pipe and Fittings for Corrosive Waste Drainage Systems	Active
ASTM F1417 REV A	8/1/2011	Standard Practice for Installation Acceptance of Plastic Non-pressure Sewer Lines Using Low-Pressure Air	Active
ASTM F1429	4/10/1999	Standard Test Method for Assembly Force of Plastic Underground Conduit Joints That Use Flexible	Active
ASTM F1473	2/1/2018	Standard Test Method for Notch Tensile Test to Measure the Resistance to Slow Crack Growth of	Active
ASTM F1474	12/10/1998	Standard Test Method for Slow Crack Growth Resistance of Notched Polyethylene Plastic Pipe	Withdrawn
ASTM F1483	8/1/2017	Standard Specification for Oriented Poly(Vinyl Chloride), PVCO, Pressure Pipe	Active
ASTM F1488	12/1/2014	Standard Specification for Coextruded Composite Pipe	Active
ASTM F1498	4/15/2008	Standard Specification for Taper Pipe Threads 60° for Thermoplastic Pipe and Fittings	Active
ASTM F1499	11/1/2017	Standard Specification for Coextruded Composite Drain, Waste, and Vent Pipe (DWV)	Active
ASTM F1504	4/1/2014	Standard Specification for Folded Poly(Vinyl Chloride) (PVC) Pipe for Existing Sewer and Conduit	Active
ASTM F1533	11/10/2001	Standard Specification for Deformed Polyethylene (PE) Liner	Withdrawn

ASTM F1545 REV A	5/1/2015	Standard Specification for Plastic-Lined Ferrous Metal Pipe, Fittings, and Flanges	Active
ASTM F1563	4/10/2001	Standard Specification for Tools to Squeeze-off Polyethylene (PE) Gas Pipe or Tubing	Active
ASTM F1588	3/10/1996	Standard Test Method for Constant Tensile Load Joint Test (CTLJT)	Active
ASTM F1589	3/15/1995	Standard Test Method for Determination of the Critical Pressure for Rapid Crack Propagation in Plastic Pipe	Withdrawn
ASTM F1606	11/15/2005	Standard Practice for Rehabilitation of Existing Sewers and Conduits with Deformed Polyethylene (PE) Liner	Active
ASTM F1668	8/1/2016	Standard Guide for Construction Procedures for Buried Plastic Pipe	Active
ASTM F1673	8/1/2010	Standard Specification for Polyvinylidene Fluoride (PVDF) Corrosive Waste Drainage Systems	Active
ASTM F1674	4/1/2011	Standard Test Method for Joint Restraint Products for Use with PVC Pipe	Active
ASTM F1675	8/1/2013	Standard Practice for Life-Cycle Cost Analysis of Plastic Pipe Used for Culverts, Storm Sewers, and Other	Active
ASTM F1697	4/1/2018	Standard Specification for Poly(Vinyl Chloride) (PVC) Profile Strip for Machine Spiral-Wound Liner Pipe	Active
ASTM F1698	9/10/2002	Standard Practice for Installation of Poly(Vinyl Chloride)(PVC) Profile Strip Liner and Cementitious Grout for Rehabilitation of Existing Man-Entry Sewers and Conduits	Active
ASTM F1732	2/1/2012	Standard Specification for Poly(Vinyl Chloride) (PVC) Sewer and Drain Pipe Containing Recycled PVC Material	Active
ASTM F1733	5/1/2013	Standard Specification for Butt Heat Fusion Polyamide(PA) Plastic Fitting for Polyamide(PA) Plastic Pipe and	Active
ASTM F1734	8/10/2003	Standard Practice for Qualification of a Combination of Squeeze Tool, Pipe, and Squeeze-Off Procedures to Avoid Long-Term Damage in Polyethylene (PE) Gas Pipe	Withdrawn
ASTM F1735	12/1/2009	Standard Specification for Poly (Vinyl Chloride) (PVC) Profile Strip for PVC Liners for Rehabilitation of Existing	Active
ASTM F1741	4/1/2018	Standard Practice for Installation of Machine Spiral Wound Poly (Vinyl Chloride) (PVC) Liner Pipe for	Active
ASTM F1743	2/1/2017	Standard Practice for Rehabilitation of Existing Pipelines and Conduits by Pulled-in- Place Installation of Cured-	Active
ASTM F1759	1/10/1997	Standard Practice for Design of High-Density Polyethylene (HDPE) Manholes for Subsurface Applications	Active
ASTM F1760	4/1/2016	Standard Specification for Coextruded Poly(Vinyl Chloride) (PVC) Non-Pressure Plastic Pipe Having	Active
ASTM F1802	11/1/2015	Standard Test Method for Performance Testing of Excess Flow Valves	Active
ASTM F1803	11/15/2015	Standard Specification for Poly (Vinyl Chloride)(PVC) Closed Profile Gravity Pipe and Fittings Based on	Active
ASTM F1804	5/1/2008	Standard Practice for Determining Allowable Tensile Load for Polyethylene (PE) Gas Pipe During Pull-In	Active
ASTM F1807	9/1/2018	Standard Specification for Metal Insert Fittings Utilizing a Copper Crimp Ring for SDR9 Cross-linked Polyethylene (PEX) Tubing and SDR9 Polyethylene of Raised Temperature (PE-RT) Tubing	Active
ASTM F1865	12/1/2009	Standard Specification for Mechanical Cold Expansion Insert Fitting With Compression Sleeve for Cross-linked	Withdrawn
ASTM F1866	2/1/2018	Standard Specification for Poly (Vinyl Chloride) (PVC) Plastic Schedule 40 Drainage and DWV Fabricated	Active
ASTM F1867	3/15/2006	Standard Practice for Installation of Folded/Formed Poly (Vinyl Chloride) (PVC) Pipe Type A for Existing Sewer	Active
ASTM F1871	4/1/2011	Standard Specification for Folded/Formed Poly (Vinyl Chloride) Pipe Type A for Existing Sewer and Conduit	Active
ASTM F1901	8/1/2016	Standard Specification for Polyethylene (PE) Pipe and Fittings for Roof Drain Systems	Active
ASTM F1924	4/1/2012	Standard Specification for Plastic Mechanical Fittings for Use on Outside Diameter Controlled Polyethylene	Active
ASTM F1947	11/15/2010	Standard Practice for Installation of Folded Poly (Vinyl Chloride) (PVC) Pipe into Existing Sewers and Conduits	Active
ASTM F1948	12/1/2015	Standard Specification for Metallic Mechanical Fittings for Use on Outside Diameter Controlled	Active
ASTM F1960	4/1/2015	Standard Specification for Cold Expansion Fittings with PEX Reinforcing Rings for Use with Cross-linked	Active
ASTM F1961	12/1/2009	Standard Specification for Metal Mechanical Cold Flare Compression Fittings with Disc Spring for Crosslinked	Withdrawn
ASTM F1962	5/1/2011	Standard Guide for Use of Maxi-Horizontal Directional Drilling for Placement of Polyethylene Pipe or Conduit Under Obstacles, Including River Crossings	Active

ASTM F1970	11/1/2012	Standard Specification for Special Engineered Fittings, Appurtenances or Valves for use in Poly (Vinyl Chloride) (PVC) or Chlorinated Poly (Vinyl Chloride) (CPVC) Systems	Active
ASTM F1973	5/1/2013	Standard Specification for Factory Assembled Anodeless Risers and Transition Fittings in Polyethylene (PE) and Polyamide 11 (PA11) and Polyamide 12 (PA12) Fuel Gas Distribution Systems	Active
ASTM F1974	12/1/2009	Standard Specification for Metal Insert Fittings for Polyethylene/Aluminum/ Polyethylene and Crosslinked Polyethylene/Aluminum/ Crosslinked Polyethylene Composite Pressure Pipe	Active
ASTM F1986	10/10/2001	Standard Specification for Multilayer Pipe Type 2, Compression Fittings, and Compression Joints for Hot and	Active
ASTM F1987	10/10/2001	Standard Specification for Multilayer Pipe Type 2, Compression Fittings, and Compression Joints for Hydronic	Active
ASTM F2018	5/10/2000	Standard Test Method for Time-to-Failure of Plastics Using Plane Strain Tensile Specimens	Active
ASTM F2019	9/1/2011	Standard Practice for Rehabilitation of Existing Pipelines and Conduits by the Pulled in Place Installation of Glass Reinforced Plastic (GRP) Cured-in-Place Thermosetting Resin Pipe (CIPP)	Active
ASTM F2021	11/1/2017	Standard Guide for Design and Installation of Plastic Siphonic Roof Drainage Systems	Active
ASTM F2023	12/1/2015	Standard Test Method for Evaluating the Oxidative Resistance of Crosslinked Polyethylene (PEX) Pipe, Tubing	Active
ASTM F2080	8/1/2016	Standard Specification for Cold-Expansion Fittings with Metal Compression-Sleeves for Crosslinked Polyethylene (PEX) Pipe and SDR9 Polyethylene of Raised Temperature (PE-RT) Pipe	Active
ASTM F2080	8/1/2015	Standard Specification for Cold-Expansion Fittings With Metal Compression-Sleeves for Cross-Linked	Active
ASTM F2098	11/1/2015	Standard Specification for Stainless Steel Clamps for Securing SDR9 Cross-linked Polyethylene (PEX) Tubing to	Active
ASTM F2135	8/10/2001	Standard Specification for Molded Drain, Waste, and Vent (DWV) Short-Pattern Plastic Fittings	Active
ASTM F2136	2/15/2018	Standard Test Method for Notched, Constant Ligament-Stress (NCLS) Test to Determine Slow-Crack-Growth Resistance of HDPE Resins or HDPE Corrugated Pipe	Active
ASTM F2138	4/1/2012	Standard Specification for Excess Flow Valves for Natural Gas Service	Active
ASTM F2145	5/1/2013	Standard Specification for Polyamide 11 (PA 11) and Polyamide 12 (PA12) Mechanical Fittings for Use on Outside Diameter Controlled Polyamide 11 and Polyamide 12 Pipe and Tubing	Active
ASTM F2159	4/1/2018	Standard Specification for Plastic Insert Fittings Utilizing a Copper Crimp Ring for SDR9 Cross-linked Polyethylene (PEX) Tubing and SDR9 Polyethylene of Raised Temperature (PE-RT) Tubing	Active
ASTM F2160	11/1/2016	Standard Specification for Solid Wall High Density Polyethylene (HDPE) Conduit Based on Controlled Outside	Active
ASTM F2164	8/1/2018	Standard Practice for Field Leak Testing of Polyethylene (PE) and Crosslinked Polyethylene (PEX) Pressure	Active
ASTM F2165	11/1/2013	Standard Specification for Flexible Pre-Insulated Piping	Active
ASTM F2176	9/1/2017	Standard Specification for Mechanical Couplings Used on Polyethylene Conduit, Duct and Innerduct	Active
ASTM F2206	12/1/2014	Standard Specification for Fabricated Fittings of Butt-Fused Polyethylene (PE)	Active
ASTM F2207	11/15/2006	Standard Specification for Cured-in-Place Pipe Lining System for Rehabilitation of Metallic Gas Pipe	Active
ASTM F2231	12/10/2002	Standard Test Method for Charpy Impact Test on Thin Specimens of Polyethylene Used in Pressurized Pipes	Active
ASTM F2261	7/1/2006	Standard Test Method for Pressure Rating Poly(Vinyl Chloride) (PVC) Plastic Pipe Fittings, Schedule 40 and 80	Active
ASTM F2262	5/1/2009	Standard Specification for Crosslinked Polyethylene/Aluminum/Crosslinked Polyethylene Tubing OD	Withdrawn
ASTM F2263	8/1/2014	Standard Test Method for Evaluating the Oxidative Resistance of Polyethylene (PE) Pipe to Chlorinated Water	Active
ASTM F2306/F2306M	11/1/2014	Standard Specification for 12 to 60 in. [300 to 1500 mm] Annular Corrugated Profile- Wall Polyethylene (PE) Pipe and Fittings for Gravity-Flow Storm Sewer and Subsurface Drainage Applications	Active
ASTM F2307	8/10/2003	Standard Specification for Series 10 Poly(Vinyl Chloride) (PVC) Closed Profile Gravity Pipe and Fittings Based	Withdrawn
ASTM F2330	1/1/2004	Standard Test Method for Evaluating the Oxidative Resistance of Multilayer Polyolefin Tubing to Hot	Withdrawn



ASTM F2331	12/1/2011	Standard Test Method for Determining Chemical Compatibility of Substances in Contact with Thermoplastic	Active
ASTM F2389 REV A	2/1/2017	Standard Specification for Pressure-rated Polypropylene (PP) Piping Systems	Active
ASTM F2390	11/1/2012	Standard Specification for Poly(Vinyl Chloride) (PVC) Plastic Drain, Waste, and Vent (DWV) Pipe and Fittings	Active
ASTM F2418 REV A	8/1/2016	Standard Specification for Polypropylene (PP) Corrugated Wall Stormwater Collection Chambers	Active
ASTM F2433	6/1/2005	Standard Test Method for Determining Thermoplastic Pipe Wall Stiffness	Active
ASTM F2434	8/1/2014	Standard Specification for Metal Insert Fittings Utilizing a Copper Crimp Ring for SDR9 Cross-linked Polyethylene (PEX) Tubing and SDR9 Crosslinked Polyethylene/Aluminum/Cross-linked Polyethylene (PEX-AL-	Active
ASTM F2435	6/1/2015	Standard Specification for Steel Reinforced Polyethylene (PE) Corrugated Pipe	Active
ASTM F2487	11/1/2013	Standard Practice for Infiltration and Exfiltration Acceptance Testing of Installed Corrugated High Density	Active
ASTM F2509	11/1/2015	Standard Specification for Field-assembled Anodeless Riser Kits for Use on Outside Diameter Controlled Polyethylene and Polyamide-11 (PA11) Gas Distribution Pipe and Tubing	Active
ASTM F2510/F2510M	12/1/2017	Standard Specification for Resilient Connectors Between Reinforced Concrete Manhole Structures and Corrugated Dual- and Triple-Wall Polyethylene and Polypropylene Pipes	Active
ASTM F2536	11/1/2017	Standard Guide for Installing Plastic DWV Piping Suspended from On-Grade Slabs	Active
ASTM F2561	12/1/2017	Standard Practice for Rehabilitation of a Sewer Service Lateral and Its Connection to the Main Using a One	Active
ASTM F2562/F2562M	4/15/2015	Specification for Steel Reinforced Thermoplastic Ribbed Pipe and Fittings for Non-Pressure Drainage and	Active
ASTM F2599	4/1/2016	Standard Practice for The Sectional Repair of Damaged Pipe By Means of An Inverted Cured-In-Place Liner	Active
ASTM F2600	4/1/2009	Standard Specification for Electrofusion Type Polyamide-11 Fittings for Outside Diameter Controlled	Active
ASTM F2618	8/1/2015	Standard Specification for Chlorinated Poly (Vinyl Chloride) (CPVC) Pipe and Fittings for Chemical Waste	Active
ASTM F2619/F2619M	12/1/2013	Standard Specification for High-Density Polyethylene (PE) Line Pipe	Active
ASTM F2620	11/1/2013	Standard Practice for Heat Fusion Joining of Polyethylene Pipe and Fittings	Active
ASTM F2623	12/15/2014	Standard Specification for Polyethylene of Raised Temperature (PE-RT) SDR 9 Tubing	Active
ASTM F2634	11/1/2015	Standard Test Method for Laboratory Testing of Polyethylene (PE) Butt Fusion Joints using Tensile-Impact	Active
ASTM F2648/F2648M	12/1/2017	Standard Specification for 2 to 60 inch [50 to 1500 mm] Annular Corrugated Profile Wall Polyethylene (PE) Pipe and Fittings for Land Drainage Applications	Active
ASTM F2649	9/1/2014	Standard Specification for Corrugated High Density Polyethylene (HDPE) Grease Interceptor Tanks	Active
ASTM F2657	12/15/2007	Standard Test Method for Outdoor Weathering Exposure of Crosslinked Polyethylene (PEX) Tubing	Active
ASTM F2658	5/1/2007	Standard Specification for Type PSM Poly(Vinyl Chloride) (PVC) SDR 51 and SDR 64 Sewer Pipe and Fittings	Active
ASTM F2686	3/1/2014	Standard Specification for Glass Fiber Reinforced Thermoplastic Pipe	Active
ASTM F2718	4/1/2009	Standard Specification for Polyethylene (PE) and Cement Materials for an Encapsulated Cement Mortar Formed in Place Liner System (FIPLS) for the Rehabilitation of Water Pipelines	Active
ASTM F2719	4/15/2009	Standard Practice for Installation of Polyethylene (PE) and Encapsulated Cement Mortar Formed in Place Lining System (FIPLS) for the Rehabilitation of Water Pipelines	Active
ASTM F2720/F2720M	12/1/2009	Standard Specification for Glass Fiber Reinforced Polyethylene (PE-GF) Spiral Wound Large Diameter Pipe	Withdrawn
ASTM F2735	12/1/2009	Standard Specification for Plastic Insert Fittings For SDR9 Cross-linked Polyethylene (PEX) and Polyethylene of	Active
ASTM F2736	11/1/2013	Standard Specification for 6 to 30 in. (152 To 762 mm) Polypropylene (PP) Corrugated Single Wall Pipe And	Withdrawn
ASTM F2737	11/1/2011	Standard Specification for Corrugated High Density Polyethylene (HDPE) Water Quality Units	Active
ASTM F2762	1/1/2011	Standard Specification for 12 to 30 in. [300 to 750 mm] Annular Corrugated Profile-Wall Polyethylene (PE) Pipe and Fittings for Sanitary Sewer Applications	Withdrawn

ASTM F2763	2/1/2016	Standard Specification for 12 to 60 in. [300 to 1500 mm] Dual and Triple Profile-Wall Polyethylene (PE) Pipe and Fittings for Sanitary Sewer Applications	Active
ASTM F2764/F2764M	4/1/2017	Standard Specification for 6 to 60 in. [150 to 1500 mm] Polypropylene (PP) Corrugated Double and Triple Wall Pipe and Fittings for Non-Pressure Sanitary Sewer Applications	Active
ASTM F2767	4/1/2018	Standard Specification for Electrofusion Type Polyamide-12 Fittings for Outside Diameter Controlled Polyamide-12 Pipe and Tubing for Gas Distribution	Active
ASTM F2768	12/1/2009	Standard Specification for Modified Stub ACME Thread Joint with Elastomeric Seal in Plastic Piping	Withdrawn
ASTM F2769	8/1/2018	Standard Specification for Polyethylene of Raised Temperature (PE-RT) Plastic Hot and Cold-Water Tubing	Active
ASTM F2785	4/15/2018	Standard Specification for Polyamide 12 Gas Pressure Pipe, Tubing, and Fittings	Active
ASTM F2786	2/1/2016	Standard Practice for Field Leak Testing of Polyethylene (PE) Pressure Piping Systems Using Gaseous Testing Media Under Pressure (Pneumatic Leak Testing)	Active
ASTM F2787	4/1/2013	Standard Practice for Structural Design of Thermoplastic Corrugated Wall Stormwater Collection Chambers	Active
ASTM F2788/F2788M	2/1/2018	Standard Specification for Metric and Inch-sized Crosslinked Polyethylene (PEX) Pipe	Active
ASTM F2805	8/1/2016	Standard Specification for Multilayer Thermoplastic And Flexible Steel Pipe And Connections	Active
ASTM F2806	6/1/2010	Standard Specification for Acrylonitrile-Butadiene-Styrene (ABS) Plastic Pipe (Metric SDR-PR)	Active
ASTM F2807	11/1/2013	Standard Specification for Multilayer Polyethylene-Polyamide (PE-PA) Pipe for Pressure Piping Applications	Active
ASTM F2817	8/1/2013	Standard Specification for Poly (Vinyl Chloride) (PVC) Gas Pressure Pipe and Fittings For Maintenance or	Active
ASTM F2818	3/1/2010	Standard Specification for Specification for Crosslinked Polyethylene (PEX) Material Gas Pressure Pipe and	Active
ASTM F2829/F2829M	11/1/2015	Standard Specification for Metric- and Inch-Sized Crosslinked Polyethylene (PEX) Pipe Systems	Active
ASTM F2830	5/1/2011	Standard Specification for Manufacture and Joining of Polyethylene (PE) Gas Pressure Pipe With a Peelable	Active
ASTM F2831	4/1/2012	Standard Practice for Internal Non Structural Epoxy Barrier Coating Material Used In Rehabilitation of	Active
ASTM F2854	12/1/2010	Standard Specification for Push-Fit Crosslinked Polyethylene (PEX) Mechanical Fittings for Crosslinked	Active
ASTM F2855	4/1/2012	Standard Specification for Chlorinated Poly(Vinyl Chloride)/Aluminum/Chlorinated Poly(Vinyl Chloride) (CPVC-	Active
ASTM F2880	5/1/2014	Standard Specification for Lap-Joint Type Flange Adapters for Polyethylene Pressure Pipe in Nominal Pipe	Active
ASTM F2881/F2881M	4/1/2018	Standard Specification for 12 to 60 in. [300 to 1500 mm] Polypropylene (PP) Dual Wall Pipe and Fittings for	Active
ASTM F2896	11/15/2011	Standard Specification for Reinforced Polyethylene Composite Pipe For The Transport Of Oil And Gas And	Active
ASTM F2897 REV A	11/1/2015	Standard Specification for Tracking and Traceability Encoding System of Natural Gas Distribution Components (Pipe, Tubing, Fittings, Valves, and Appurtenances)	Active
ASTM F2905/F2905M	8/1/2013	Standard Specification for Black Crosslinked Polyethylene (PEX) Line Pipe, Fittings and Joints For Oil and Gas	Active
ASTM F2922	11/1/2013	Standard Specification for Polyethylene (PE) Corrugated Wall Stormwater Collection Chambers	Active
ASTM F2928	8/1/2018	Standard Practice for Specimens and Testing Conditions for Testing Polyethylene (PE) Pipe Butt Fusions Using	Active
ASTM F2929	12/1/2017	Standard Specification for Crosslinked Polyethylene (PEX) Tubing of 0.070 in. Wall and Fittings for Radiant	Active
ASTM F2945	3/1/2015	Standard Specification for Polyamide 11 Gas Pressure Pipe, Tubing, and Fittings	Active
ASTM F2946	8/1/2012	Standard Specification for PVC Hub and Elastomeric Seal (Gasket) Tee Connection for Joining Plastic Pipe to	Active
ASTM F2947/F2947M	3/15/2014	Standard Specification for 150 to 1500 mm [6 to 60 in.] Annular Corrugated Profile-Wall Polyethylene (PE) Pipe and Fittings for Sanitary Sewer Applications	Active
ASTM F2968/F2968M REV A	11/1/2014	Standard Specification for Black Crosslinked Polyethylene (PEX) Pipe, Fittings and Joints For Gas Distribution	Active
ASTM F2969	8/1/2012	Standard Specification for Acrylonitrile-Butadiene-Styrene (ABS) IPS Dimensioned Pressure Pipe	Active

ASTM F2984	12/1/2013	Standard Specification for Segmental Panel System for the Grout-in-Place-Liner (GIPL) Rehabilitation Method of Existing Man-Entry Size Sewers, Culverts, and Conduits	Active
ASTM F2985	12/1/2014	Standard Practice for Installation of a PVC Segmental Panel Liner System in Man- Entry Size Sewers and	Active
ASTM F2986	11/15/2012	Standard Specification for Corrugated Polyethylene Pipe and Fittings for Mine Leachate Applications	Active
ASTM F2987	11/1/2012	Standard Specification for Corrugated Polyethylene Pipe and Fittings for Mine Heap Leach Aeration	Active
ASTM F2994	4/1/2018	Standard Practice for Utilization of Mobile, Automated Cured-In-Place Pipe (CIPP) Impregnation Systems	Active
ASTM F3033	2/1/2016	Standard Practice for Installation of a Single-Sized, Cured-In-Place Liner Utilizing an Inflatable Bladder for Resurfacing Manhole Walls of Various Shapes and Sizes	Active
ASTM F3034	3/1/2015	Standard Specification for Billets made by Winding Molten Extruded Stress-Rated High Density Polyethylene	Active
ASTM F3058	2/1/2016	Standard Practice for Preliminary Field Testing of Thermoplastic Pipe Joints for Gravity Flow (Non-Pressure)	Active
ASTM F3097	5/15/2015	Standard Practice for Installation of an Outside Sewer Service Cleanout through a Minimally Invasive Small	Active
ASTM F3123	11/1/2016	Standard Specification for Metric Outside Diameter Polyethylene (PE) Plastic Pipe (DRPN)	Active
ASTM F3124	3/1/2015	Standard Practice for Data Recording the Procedure used to Produce Heat Butt Fusion Joints in Plastic Piping	Active
ASTM F3128	4/1/2015	Standard Specification for Poly(Vinyl Chloride) (PVC) Schedule 40 Drain, Waste, and Vent Pipe with a Cellular	Active
ASTM F3181	2/1/2016	Standard Test Method for The Un-notched, Constant Ligament Stress Crack Test (UCLS) for HDPE Materials	Active
ASTM F3182	6/1/2016	Standard Practice for the Application of Spray-Applied Polymeric Liners Inside Pipelines for Potable Water	Active
ASTM F3183	5/1/2016	Standard Practice for Guided Side Bend Evaluation of Polyethylene Pipe Butt Fusion Joint	Active
ASTM F3190	4/1/2016	Standard Practice for Heat Fusion Equipment (HFE) Operator Qualification on Polyethylene (PE) and	Active
ASTM F3203	8/1/2018	Standard Test Method for Determination of Gel Content of Crosslinked Polyethylene (PEX) Pipes and Tubing	Active
ASTM F3219	11/15/2017	Standard Specification for 3 to 30 in. (75 To 750 mm) Polypropylene (PP) Corrugated Single Wall Pipe and	Active
ASTM F3240	11/15/2017	Standard Practice for Installation of Seamless Molded Hydrophilic Gaskets (SMHG) for Long-Term Watertightness of Cured-in-Place Rehabilitation of Main and Lateral Pipelines	Active
ASTM F3253	8/1/2018	Standard Specification for Crosslinked Polyethylene (PEX) Tubing with Oxygen Barrier for Hot- and Cold-	Active
ASTM F3308/F3308M	4/15/2018	Standard Practice for Sampling and Testing Frequency for Recycled Materials in Polyethylene (PE) Pipe for	Active
ASTM F3328	8/1/2018	Standard Practice for the One-Step (Solvent Cement Only) Method of Joining Poly (Vinyl Chloride) (PVC) or Chlorinated Poly (Vinyl Chloride) (CPVC) Pipe and Piping Components with Tapered Sockets	Active
ASTM PS1	1/1/1994	Provisional Standard Specification for Poly (Vinyl Chloride) (PVC) Sewer and Drain Pipe Containing Recycled	Withdrawn
ASTM PS8	1/15/1995	Provisional Standard Specification for Coextruded Poly(Vinyl Chloride) (PVC) Non-Pressure Plastic Pipe Having	Withdrawn
ASTM PS13	1/1/1995	Provisional Standard Test Method for Performance Testing of Excess Flow Valves	Withdrawn
ASTM PS20	9/10/1995	Provisional Standard Specification for Corrugated Polyethylene (PE) Pipe and Fittings Made Using Recycled	Withdrawn
ASTM R0077		ISO Standards and Recommendations on Plastic Pipe Prepared by ISO/TC 138	Active

DocumentNumber	Date	Title	Status
ISEA 101	1/1/2014	American National Standard for Limited-Use and Disposable Coveralls-Size and Labeling Requirements	Active
ISEA 102	1/1/1990	American National Standard for Gas Detector Tube Units - Short Term Type for Toxic Gases and Vapors in Working Environments	Active
ISEA 104	1/1/1998	American National Standard for Air Sampling Devices - Diffusive Type for Gases and Vapors in Working Environments	Active
ISEA 105	1/1/2016	American National Standard for Hand Protection Selection Criteria	Active
ISEA 107 ERTA	2/22/2016	American National Standard for High-Visibility Safety Apparel and	Active
ISEA 107	1/1/2015	American National Standard for High-Visibility Safety Apparel And	Active
ISEA 113	1/1/2013	American National Standard for Fixed and Portable Decontamination	Active
ISEA 121	1/1/2018	American National Standard for Dropped Object Prevention Solutions	Active
ISEA 125	1/1/2014	American National Standard for Conformity Assessment of Safety and	Active
ISEA 201	1/1/2012	American National Standard for Classification of Insulating Apparel Used in Cold Work Environments	Active
ISEA 203	1/1/2018	American National Standard for Secondary Single-Use Flame Resistant Protective Clothing for Use Over Primary Flame Resistant Protective Clothing	Active
ISEA 207	1/1/2011	American National Standard for High-Visibility Public Safety Vests	Active
ISEA Z87.1	1/1/2015	American National Standard Occupational and Educational Personal Eye and Face Protection Devices	Active
ISEA Z89.1	1/1/2014	American National Standard for Industrial Head Protection	Active
ISEA Z308.1	1/1/2015	American National Standard - Minimum Requirements for Workplace First Aid Kits and Supplies	Active
ISEA Z358.1	1/1/2014	American National Standard for Emergency Eyewash and Shower	Active

DocumentNumber	Date	Language	Title	Status
NFPA 1	1/1/2018	English	Fire Code - Effective Date: 9/6/2017	Active
NFPA 1 SPANISH	1/1/2012	Spanish	Código de Incendios - Effective Date: 06/20/2011	Active
NFPA 2 AMD 2	8/4/2016	English	Hydrogen Technologies Code - Effective date: 8/24/2016	Active
NFPA 2 ERTA 1	6/8/2015	English	Hydrogen Technologies Code	Active
NFPA 2	1/1/2016	English	Hydrogen Technologies Code - Effective date: 06/15/2015	Active
NFPA 3	1/1/2018	English	Standard for Commissioning of Fire Protection and Life Safety Systems - Effective Date: 08/21/2017	Active
NFPA 3 SPANISH	1/1/2015	Spanish	Práctica Recomendada para Comisionamiento de Sistemas de Protección contra Incendios y Seguridad Humana - Effective Date:	Active
NFPA 4	1/1/2018	English	Standard for Integrated Fire Protection and Life Safety System Testing - Effective date: 08/21/2017	Active
NFPA 4 SPANISH	1/1/2015	Spanish	Norma para Pruebas Integradas de Sistemas de Protección contra Incendios y Seguridad Humana - Effective date: 5/19/2014	Active
NFPA 10 AMD 1	8/17/2017	English	Standard for Portable Fire Extinguishers - Effective Date: 09/06/2017	Active
NFPA 10	1/1/2018	English	Standard for Portable Fire Extinguishers - Effective Date: 08/21/2017	Active
NFPA 10 SPANISH	1/1/2013	Spanish	Norma para Extintores Portátiles contra Incendios - Effective Date: 12/17/2012	Active
NFPA 11 ERTA 1	7/13/2016	English	Standard for Low-, Medium-, and High-Expansion Foam	Active
			Standard for Low-, Medium-, and High-Expansion Foam - Effective Date: 09/07/2015; ALERT: THIS STANDARD HAS BEEN MODIFIED BY A TIA OR ERRATA	
NFPA 11	1/1/2016	English	OR ERRATA	Active
NFPA 11 SPANISH	1/1/2016	Spanish	Norma para Espumas de Baja, Media y Alta Expansión - Effective Date: 09/07/2015	Active
NFPA 12	1/1/2018	English	Standard on Carbon Dioxide Extinguishing Systems - Effective Date: 11/30/2017	Active
NFPA 12 SPANISH	1/1/2011	Spanish	Norma sobre Sistemas de Extinción de Dióxido de Carbono - Effective Date: 1/3/2011	Active
NFPA 12A	1/1/2018	English	Standard on Halon 1301 Fire Extinguishing Systems - Effective Date: 11/30/2017	Active
NFPA 13	1/1/2019	English	Standard for the Installation of Sprinkler Systems - Effective Date: 9/3/2018	Active
NFPA 13 SPANISH	1/1/2013	Spanish	Norma para la Instalación de Sistemas de Rociadores - Effective Date: 8/29/2012	Active
NFPA 13D	1/1/2019	English	Standard for the Installation of Sprinkler Systems in One- and Two-Family Dwellings and Manufactured Homes - Effective Date: 09/03/2018	Active
			Recommended Practice for Fire Department Operations in Properties Protected by Sprinkler and Standpipe Systems - Effective Date: 12/1/2014	
NFPA 13E	1/1/2015	English		Active
NFPA 13R	1/1/2019	English	Standard for the Installation of Sprinkler Systems In Low-Rise Residential Occupancies - Effective Date: 05/24/2018	Active
NFPA 14 ERTA 2	7/20/2018	English	Standard for Installation of Standpipe and Hose Systems	Active
NFPA 14 ERTA 1	5/8/2018	English	Standard for the Installation of Standpipe and Hose Systems	Active
NFPA 14	1/1/2016	English	Standard for the Installation of Standpipe and Hose Systems - Effective Date: 12/04/2015	Active
NFPA 14 SPANISH	1/1/2013	Spanish	Norma para la Instalación de Sistemas de Tubo-a Vertical y Mangueras - Effective Date: 12/17/2012	Active
NFPA 15 ERTA 1	3/13/2017	English	Standard for Water Spray Fixed Systems for Fire Protection	Active
NFPA 15	1/1/2017	English	Standard for Water Spray Fixed Systems for Fire Protection - Effective Date: 06/02/2016	Active
NFPA 15 SPANISH	1/1/2012	Spanish	Norma para Sistemas Fijos Aspersores de Agua para Protección contra Incendios - Effective Date: 8/17/2006	Active
NFPA 16	1/1/2019	English	Standard for the Installation of Foam-Water Sprinkler and Foam-Water Spray Systems - Effective Date: 05/25/2018	Active
NFPA 16 SPANISH	1/1/2015	Spanish	Norma para la Instalación de Sistemas de Rociadores de Agua-Espuma y Pulverizadores de Agua-Espuma - Effective Date: 12/1/2014	Active
NFPA 17	1/1/2017	English	Standard for Dry Chemical Extinguishing Systems - Effective Date: 12/01/2016	Active
NFPA 17A	1/1/2017	English	Standard for Wet Chemical Extinguishing Systems - Effective Date: 12/1/2016	Active
NFPA 17A SPANISH	1/1/2009	Spanish	Norma para Sistemas Extintores con Productos Químicos Halógenos - Effective Date: 9/5/2008	Active
NFPA 18	1/1/2017	English	Standard on Wetting Agents - Effective Date: 12/01/2016	Active
NFPA 18A	1/1/2017	English	Standard on Water Additives for Fire Control and Vapor Mitigation - Effective Date: 12/1/2016	Active
NFPA 20 ERTA 1	5/8/2018	English	Standard for the Installation of Stationary Pumps for Fire Protection	Active
NFPA 20	1/1/2019	English	Standard for the Installation of Stationary Pumps for Fire Protection - Effective Date: 05/24/2018	Active
NFPA 20 SPANISH	1/1/2013	Spanish	Norma para la Instalación de Bombas Estacionarias de Protección contra Incendios - Effective Date: 08/29/2012	Active
NFPA 22	1/1/2018	English	Standard for Water Tanks for Private Fire Protection - Effective Date: 11/30/2017	Active
NFPA 24	1/1/2019	English	Standard for the Installation of Private Fire Service Mains and Their Appurtenances - Effective Date: 05/24/2018	Active

NFPA 24 SPANISH	1/1/2013	Spanish	Norma para la Instalaci3n de Tuber3as para Servicio Privado de Incendios y sus Accesorios - Effective Date: 6/15/2009	Active
NFPA 25 ERTA 1	1/18/2018	English	Standard for the Inspection, Testing, and Maintenance of Water- Based Fire Protection Systems	Active
NFPA 25 AMD 2	12/6/2017	English	Standard for the Inspection, Testing, and Maintenance of Water- Based Fire Protection Systems - Effective Date: 12/26/2017	Active
NFPA 25 AMD 1	8/4/2016	English	Standard for the Inspection, Testing, and Maintenance of Water-Based Fire Protection Systems - Effective Date: 8/24/2016	Active
NFPA 25	1/1/2017	English	Standard for the Inspection, Testing, and Maintenance of Water-Based Fire Protection Systems - Effective Date: 8/24/2016	Active
NFPA 25 SPANISH	1/1/2014	Spanish	Standard for the Inspection, Testing, and Maintenance of Water-Based Fire Protection Systems - Effective Date: 8/21/2013	Active
NFPA 30 ERTA 1	2/27/2018	English	Flammable and Combustible Liquids Code	Active
NFPA 30	1/1/2018	English	Flammable and Combustible Liquids Code - Effective Date: 9/6/2017	Active
NFPA 30 SPANISH	1/1/2015	Spanish	C3digo de L3quidos Inflamables y Combustibles - Effective Date: 8/15/2007	Active
NFPA 30A	1/1/2018	English	Code for Motor Fuel Dispensing Facilities and Repair Garages - Effective Date: 8/21/2017	Active
NFPA 30A SPANISH	1/1/2003	Spanish	C3digo para Instalaciones de Suministro de Combustible y Estaciones de Reparaci3n - Effective Date: 8/7/2003	Active
NFPA 30B	1/1/2019	English	Code for the Manufacture and Storage of Aerosol Products - Effective Date: 5/24/2018	Active
NFPA 31	1/1/2016	English	Standard for the Installation of Oil-Burning Equipment - Effective Date: 12/4/2015	Active
NFPA 32	1/1/2016	English	Standard for Drycleaning Facilities - Effective Date: 12/4/2015	Active
NFPA 33	1/1/2018	English	Standard for Spray Application Using Flammable or Combustible Materials - Effective Date: 11/30/2017	Active
NFPA 33 SPANISH	1/1/2007	Spanish	Est3ndar para Operaciones de Pulverizaci3n con Productos Inflamables o Combustibles - Effective Date: 8/17/2006	Active
NFPA 34	1/1/2018	English	Standard for Dipping, Coating, and Printing Processes Using Flammable or Combustible Liquids - Effective Date: 11/30/2017	Active
NFPA 35	1/1/2016	English	Standard for the Manufacture of Organic Coatings - Effective Date: 12/04/2015	Active
NFPA 36 AMD 1	11/11/2016	English	Standard for Solvent Extraction Plants - Effective Date: 12/1/2016	Active
NFPA 36	1/1/2017	English	Standard for Solvent Extraction Plants - Effective Date: 12/1/2016	Active
NFPA 37	1/1/2018	English	Standard for the Installation and Use of Stationary Combustion Engines and Gas Turbines - Effective Date: 9/6/2017	Active
NFPA 37 SPANISH	1/1/2010	Spanish	Norma para la Instalaci3n y Uso de Motores de Combusti3n Estacionarios y Turbinas de Gas - Effective Date: 12/5/2009	Active
NFPA 40	1/1/2019	English	Standard for the Storage and Handling of Cellulose Nitrate Film - Effective Date: 05/24/2018	Active
NFPA 45 AMD 1	11/11/2014	English	Standard on Fire Protection for Laboratories Using Chemicals - Effective Date: 12/01/2014	Active
NFPA 45	1/1/2015	English	Standard on Fire Protection for Laboratories Using Chemicals - Effective Date: 12/01/2014	Active
			Standard for the Design and Installation of Oxygen3Fuel Gas Systems for Welding, Cutting, and Allied Processes - Effective Date: 08/11/2016	Active
NFPA 51	1/1/2018	English	Standard for Acetylene Cylinder Charging Plants - Effective Date: 3/26/2012	Active
NFPA 51A AMD 1	3/6/2012	English	Standard for Acetylene Cylinder Charging Plants - Effective Date: 08/31/2011	Active
NFPA 51A	1/1/2012	English	Standard for Fire Prevention During Welding, Cutting, and Other Hot Work - Effective Date: 07/15/2018	Active
NFPA 51B	1/1/2019	English	Est3ndar para la Prevenci3n de Incendios durante Operaciones de Soldadura, Corte y otros Trabajos en Caliente - Effective Date: 12/21/2016	Active
NFPA 51B SPANISH	1/1/2009	Spanish	Vehicular Natural Gas Fuel Systems Code - Effective Date: 12/21/2016	Active
NFPA 52 AMD 5	12/1/2016	English	Vehicular Natural Gas Fuel Systems Code	Active
NFPA 52 ERTA 1	9/14/2016	English	Vehicular Natural Gas Fuel Systems Code - Effective Date: 4/25/2016	Active
NFPA 52	1/1/2016	English	Recommended Practice on Materials, Equipment, and Systems Used in Oxygen-Enriched Atmospheres - Effective Date: 12/4/2015	Active
NFPA 53	1/1/2016	English	National Fuel Gas Code - Effective Date: 9/6/2017	Active
NFPA 54	1/1/2018	English	C3digo Nacional de Gas Combustible - Effective Date: 9/5/2008	Active
NFPA 54 SPANISH	1/1/2009	Spanish	Compressed Gases and Cryogenic Fluids Code - Effective Date: 04/26/2016	Active
NFPA 55 AMD 2	4/6/2016	English	Compressed Gases and Cryogenic Fluids Code - Effective Date: 12/28/2015	Active
NFPA 55 AMD 1	12/8/2015	English	Compressed Gases and Cryogenic Fluids Code - Effective Date: June 15, 2015	Active
NFPA 55	1/1/2016	English	Standard for Fire and Explosion Prevention During Cleaning and Purging of Flammable Gas Piping Systems - Effective Date: 12/1/2016	Active
NFPA 56	1/1/2017	English	STANDARD FOR THE USE OF INHALATION ANESTHETICS	Active
NFPA 56A	1/1/1978	English	Liquefied Petroleum Gas Code - Effective Date: 04/30/2018	Active
NFPA 58 AMD 1	4/10/2018	English	Liquefied Petroleum Gas Code	Active
NFPA 58 ERTA 1	11/28/2016	English	Liquefied Petroleum Gas Code - Effective Date: 08/24/2016	Active
NFPA 58	1/1/2017	English		Active

NFPA 58 SPANISH	1/1/2014	Spanish	Código del Gas Licuado del Petróleo - Effective Date: 08/21/2013	Active
NFPA 59	1/1/2018	English	Utility LP-Gas Plant Code - Effective Date: 9/6/2017	Active
NFPA 59A AMD 1	12/8/2015	English	Standard for the Production, Storage, and Handling of Liquefied Natural Gas (LNG) - Effective Date: 12/28/2015	Active
NFPA 59A	1/1/2016	English	Standard for the Production, Storage, and Handling of Liquefied Natural Gas (LNG) - Effective Date: 12/4/2015	Active
NFPA 59A SPANISH	1/1/2009	Spanish	Norma para la producción, almacenamiento y manejo del gas natural licuado (GNL) - Effective Date: 9/5/2008	Active
NFPA 61 ERTA 1	9/14/2016	English	Standard for the Prevention of Fires and Dust Explosions in Agricultural and Food Processing Facilities	Active
NFPA 61	1/1/2017	English	Standard for the Prevention of Fires and Dust Explosions in Agricultural and Food Processing Facilities - Effective Date: 06/02/2016	Active
NFPA 67	1/1/2016	English	Guide on Explosion Protection for Gaseous Mixtures in Pipe Systems - Effective Date: 12/4/2015	Active
NFPA 68 ERTA 3	5/8/2018	English	Standard on Explosion Protection by Deflagration Venting	Active
NFPA 68 ERTA 2	2/27/2018	English	Standard on Explosion Protection by Deflagration Venting	Active
NFPA 68 ERTA 1	10/5/2017	English	Standard on Explosion Protection by Deflagration Venting	Active
NFPA 68	1/1/2018	English	Standard on Explosion Protection by Deflagration Venting - Effective Date: 11/30/2017	Active
NFPA 69 AMD 1	4/6/2016	English	Standard on Explosion Prevention Systems - Effective Date: 04/26/2016	Active
NFPA 69	1/1/2014	English	Standard on Explosion Prevention Systems - Effective Date: 12/2/2013; ALERT: THIS STANDARD HAS BEEN MODIFIED BY A TIA OR ERRATA	Active
NFPA 69 SPANISH	1/1/2008	Spanish	Estándar sobre Sistemas de Prevención de Explosiones - Effective Date: 6/24/2007	Active
NFPA 70 AMD 17	8/14/2018	English	National Electrical Code - Effective Date: 9/3/2018	Active
NFPA 70 ERTA 6	7/5/2018	English	National Electrical Code	Active
NFPA 70 AMD 16	4/10/2018	English	National Electrical Code - Effective Date: 4/30/2018	Active
NFPA 70 AMD 15	4/10/2018	English	National Electrical Code - Effective Date: 04/30/2018	Active
NFPA 70 AMD 14	12/6/2017	English	National Electrical Code - Effective Date: 12/26/2017	Active
NFPA 70 AMD 13	12/6/2017	English	National Electrical Code - Effective Date: 12/26/2017	Active
NFPA 70 AMD 12	12/6/2017	English	National Electrical Code - Effective Date: 12/26/2017	Active
NFPA 70 AMD 11	12/6/2017	English	National Electrical Code - Effective Date: 12/26/2017	Active
NFPA 70 AMD 10	12/6/2017	English	National Electrical Code - Effective Date: 12/26/2017	Active
NFPA 70 AMD 9	12/6/2017	English	National Electrical Code - Effective Date: 12/26/2017	Active
NFPA 70 AMD 8	12/6/2017	English	National Electrical Code - Effective Date: 12/26/2017	Active
NFPA 70 AMD 7	12/6/2017	English	National Electrical Code - Effective Date: 12/26/2017	Active
NFPA 70 AMD 6	8/17/2017	English	National Electrical Code - Effective Date: 9/6/2017	Active
NFPA 70 AMD 5	7/18/2017	English	National Electrical Code - Effective Date: 08/07/2017	Active
NFPA 70 AMD 4	4/5/2017	English	National Electrical Code - Effective Date: 04/25/2017	Active
NFPA 70 AMD 3	3/14/2017	English	National Electrical Code - Effective Date: 04/03/2017	Active
NFPA 70 ERTA 4	3/13/2017	English	National Electrical Code	Active
NFPA 70 ERTA 3	1/11/2017	English	National Electrical Code	Active
NFPA 70 ERTA 2	12/16/2016	English	National Electrical Code	Active
NFPA 70 AMD 2	12/1/2016	English	National Electrical Code - Effective Date: 12/21/2016	Active
NFPA 70 ERTA 1	9/29/2016	English	National Electrical Code	Active
NFPA 70 AMD 1	8/4/2016	English	National Electrical Code - Effective Date: 08/24/2016	Active
NFPA 70	1/1/2017	English	National Electrical Code - Effective Date: 8/24/2016	Active
NFPA 70 SPANISH	1/1/2014	Spanish	Código Eléctrico Nacional - Effective Date: 08/21/2013	Active
NFPA 70A	1/1/2005	English	National Electrical Code Requirements for One- and Two-Family Dwellings	Active
NFPA 70B	1/1/2016	English	Recommended Practice for Electrical Equipment Maintenance - Effective Date: 12/4/2015	Active
NFPA 70B SPANISH	1/1/2016	Spanish	Práctica Recomendada para el Mantenimiento de Equipos Eléctricos - Effective Date: 12/4/2015	Active
NFPA 70E ERTA 1	5/22/2018	English	Electrical Safety in the Workplace	Active
NFPA 70E AMD 2	8/17/2017	English	Standard for Electrical Safety in the Workplace - Effective Date: 9/6/2017	Active
NFPA 70E AMD 1	8/17/2017	English	Standard for Electrical Safety in the Workplace - Effective Date: 09/6/2017	Active

NFPA 70E	1/1/2018	English	Standard for Electrical Safety in the Workplace - Effective Date: 08/21/2017	Active
NFPA 70E SPANISH	1/1/2015	Spanish	Norma para la Seguridad Eléctrica en Lugares de Trabajo - Effective Date: 7/29/2014	Active
NFPA 72	1/1/2019	English	National Fire Alarm and Signaling Code - Effective Date: 9/3/2018	Active
NFPA 72 SPANISH	1/1/2013	Spanish	Código Nacional de Alarmas de Incendio y Señalización - Effective Date: 8/29/2012	Active
NFPA 73	1/1/2016	English	Standard for Electrical Inspections for Existing Dwellings - Effective Date: 06/15/2015	Active
NFPA 75	1/1/2017	English	Standard for the Fire Protection of Information Technology Equipment - Effective Date: 08/24/2016	Active
NFPA 75 SPANISH	1/1/2013	Spanish	Norma para la Protección contra Incendios en Equipos de Tecnología de la Información - Effective Date: 7/29/2012	Active
NFPA 76	1/1/2016	English	Standard for the Fire Protection of Telecommunications Facilities - Effective Date: 12/4/2015	Active
NFPA 76 SPANISH	1/1/2012	Spanish	Norma para la Protección contra Incendios en Instalaciones de Telecomunicaciones - Effective Date: 1/2/2012	Active
NFPA 77	1/1/2019	English	Recommended Practice on Static Electricity - Effective Date: 05/24/2018	Active
NFPA 77 SPANISH	1/1/2007	Spanish	Práctica Recomendada sobre Electricidad Estática - Effective Date: 8/17/2006	Active
NFPA 79	1/1/2018	English	Electrical Standard for Industrial Machinery - Effective Date: 11/30/2017	Active
NFPA 80	1/1/2019	English	Standard for Fire Doors and Other Opening Protectives - Effective Date: 5/24/2018	Active
NFPA 80A	1/1/2017	English	Recommended Practice for Protection of Buildings from Exterior Fire Exposures - Effective Date: 06/02/2016	Active
NFPA 82	1/1/2014	English	Standard on Incinerators and Waste and Linen Handling Systems and Equipment - Effective Date: 12/2/2013	Active
NFPA 85 ERTA 2	7/13/2016	English	Boiler and Combustion Systems Hazards Code	Active
NFPA 85 ERTA 1	6/4/2015	English	Boiler and Combustion Systems Hazards Code	Active
NFPA 85	1/1/2015	English	Boiler and Combustion Systems Hazards Code - Effective Date: 12/1/2014; ALERT: THIS STANDARD HAS BEEN MODIFIED BY A TIA OR	Active
NFPA 86	1/1/2019	English	Standard for Ovens and Furnaces - effective date: 5/24/2018	Active
NFPA 87	1/1/2018	English	Standard for Fluid Heaters - Effective Date: 08/21/2017	Active
NFPA 88A	1/1/2019	English	Standard for Parking Structures - Effective Date: 05/24/2018	Active
NFPA 90A	1/1/2018	English	Standard for the Installation of Air-Conditioning and Ventilating Systems - Effective Date: 08/21/2017	Active
NFPA 90B	1/1/2018	English	Standard for the Installation of Warm Air Heating and Air-Conditioning Systems - Effective Date: 08/21/2017	Active
NFPA 91	1/1/2015	English	Standard for Exhaust Systems for Air Conveying of Vapors, Gases, Mists, and Particulate Solids - Effective Date: 12/1/2014	Active
NFPA 92	1/1/2018	English	Standard for Smoke Control Systems - Effective Date: 11/30/2017	Active
NFPA 96 AMD 1	8/17/2017	English	Standard for Ventilation Control and Fire Protection of Commercial Cooking Operations - Effective Date: 09/06/2017	Active
NFPA 96	1/1/2017	English	Standard for Ventilation Control and Fire Protection of Commercial Cooking Operations - Effective Date: 12/01/2016	Active
NFPA 99 AMD 2	4/10/2018	English	Health Care Facilities Code - Effective Date: 4/30/2018	Active
NFPA 99 ERTA 1	9/22/2017	English	Health Care Facilities Code	Active
NFPA 99 AMD 1	8/17/2017	English	Health Care Facilities Code - Effective Date: 09/06/2017	Active
NFPA 99	1/1/2018	English	Health Care Facilities Code - Effective Date: 9/26/2017	Active
NFPA 99B	1/1/2018	English	Standard for Hypobaric Facilities - Effective Date: 08/21/2017	Active
NFPA 99C	1/1/2005	English	Standard on Gas and Vacuum Systems - Effective Date: 2/7/2005	Active
NFPA 101 AMD 3	11/18/2017	English	Life Safety Code - Effective Date: 12/08/2017	Active
NFPA 101 AMD 2	11/18/2017	English	Life Safety Code - Effective Date: 12/08/2017	Active
NFPA 101 AMD 1	8/17/2017	English	Life Safety Code - Effective Date: 09/06/2017	Active
NFPA 101	1/1/2018	English	Life Safety Code - Effective Date: 09/06/2017; ALERT: THIS STANDARD HAS BEEN MODIFIED BY A TIA OR ERRATA	Active
NFPA 101 SPANISH	1/1/2009	Spanish	Código de Seguridad Humana - Effective Date: 09/5/2008	Active
NFPA 101A	1/1/2019	English	Guide on Alternative Approaches to Life Safety - Effective Date: 09/03/2018	Active
NFPA 101B	1/1/2002	English	Code for Means of Egress for Buildings and Structures - Effective Date: 8/8/2002	Active
NFPA 102 ERTA 1	2/5/2015	English	Standard for Grandstands, Folding and Telescopic Seating, Tents, and Membrane Structures	Active
NFPA 102	1/1/2016	English	Standard for Grandstands, Folding and Telescopic Seating, Tents, and Membrane Structures - Effective Date: 02/17/2015	Active
NFPA 105	1/1/2019	English	Standard for Smoke Door Assemblies and Other Opening Protectives - Effective Date: 05/24/2018	Active
NFPA 110	1/1/2019	English	Standard for Emergency and Standby Power Systems - Effective Date: 09/03/2018	Active
NFPA 111	1/1/2019	English	Standard on Stored Electrical Energy Emergency and Standby Power Systems - Effective Date: 1/13/2018	Active



NFPA 115	1/1/2016 English	Standard for Laser Fire Protection - Effective Date: 02/17/2015	Active
NFPA 120	1/1/2015 English	Standard for Fire Prevention and Control in Coal Mines - Effective Date: 12/1/2014	Active
NFPA 122	1/1/2015 English	Standard for Fire Prevention and Control in Metal/Nonmetal Mining and Metal Mineral Processing Facilities - Effective Date: 12/1/2014	Active
NFPA 122 SPANISH	1/1/2010 Spanish	Norma para prevención y control de incendios en minería de metal/no metálica e instalaciones de procesamiento de mineral metálico - Effective Date: 12/5/2009	Active
NFPA 130	1/1/2017 English	Standard for Fixed Guideway Transit and Passenger Rail Systems - Effective Date: 06/02/2016	Active
NFPA 130 SPANISH	1/1/2007 Spanish	Estándar sobre Sistemas Ferroviarios para Transporte de Vehículos y Viajeros sobre Guías Fijas - Effective Date: 8/17/2006	Active
NFPA 140	1/1/2018 English	Standard on Motion Picture and Television Production Studio Soundstages, Approved Production Facilities, and Production Locations - Effective Date: 4/23/2017	Active
NFPA 150	1/1/2019 English	Standard on Fire and Life Safety in Animal Housing Facilities code - Effective Date: 05/24/2018	Active
NFPA 160	1/1/2016 English	Standard for the Use of Flame Effects Before an Audience - Effective Date: 06/15/2015	Active
NFPA 170	1/1/2018 English	Standard for Fire Safety and Emergency Symbols - Effective Date: 4/23/2017	Active
NFPA 170 SPANISH	1/1/2009 Spanish	Norma para símbolos de seguridad contra el fuego - Effective Date: 12/29/2008	Active
NFPA 204	1/1/2018 English	Standard for Smoke and Heat Venting - Effective Date: 11/30/2017	Active
NFPA 211	1/1/2016 English	Standard for Chimneys, Fireplaces, Vents, and Solid Fuel-Burning Appliances - Effective Date: 12/4/2015	Active
NFPA 214	1/1/2016 English	Standard on Water-Cooling Towers - Effective Date: 12/4/2015	Active
NFPA 220	1/1/2018 English	Standard on Types of Building Construction - Effective Date: 08/21/2017	Active
NFPA 221	1/1/2018 English	Standard for High Challenge Fire Walls, Fire Walls, and Fire Barrier Walls - Effective Date: 08/21/2017	Active
NFPA 225	1/1/2017 English	Model Manufactured Home Installation Standard - Effective Date: 12/1/2016	Active
NFPA 232	1/1/2017 English	Standard for the Protection of Records - Effective Date: 06/02/2016	Active
NFPA 241	1/1/2019 English	Standard for Safeguarding Construction, Alteration, and Demolition Operations - Effective Date: 09/03/2018	Active
NFPA 251	1/1/2006 English	Standard Methods of Tests of Fire Resistance of Building Construction and Materials - Effective Date: 8/18/2005	Active
NFPA 252	1/1/2017 English	Standard Methods of Fire Tests of Door Assemblies - Effective Date: 12/01/2016	Active
NFPA 253	1/1/2015 English	Standard Method of Test for Critical Radiant Flux of Floor Covering Systems Using a Radiant Heat Energy Source - Effective Date: 12/01/2014	Active
NFPA 255 ERTA	11/29/2006 English	Standard Method of Test of Surface Burning Characteristics of Building Materials	Active
NFPA 255	1/1/2006 English	Standard Method of Test of Surface Burning Characteristics of Building Materials - Effective Date: 8/18/2005	Active
NFPA 257 ERTA 1	1/17/2017 English	Standard on Fire Test for Window and Glass Block Assemblies	Active
NFPA 257	1/1/2017 English	Standard on Fire Test for Window and Glass Block Assemblies - Effective Date: 12/1/2016	Active
NFPA 259	1/1/2018 English	Standard Test Method for Potential Heat of Building Materials - Effective Date: 11/30/2017	Active
NFPA 260	1/1/2019 English	Standard Methods of Tests and Classification System for Cigarette Ignition Resistance of Components of Upholstered Furniture - Effective Date: 07/13/2018	Active
NFPA 261	1/1/2018 English	Standard Method of Test for Determining Resistance of Mock-Up Upholstered Furniture Material Assemblies to Ignition by Smoldering Cigarettes - Effective Date: 11/30/2017	Active
NFPA 262	1/1/2015 English	Standard Method of Test for Flame Travel and Smoke of Wires and Cables for Use in Air-Handling Spaces - Effective Date: 12/01/2014	Active
NFPA 265	1/1/2015 English	Standard Methods of Fire Tests for Evaluating Room Fire Growth Contribution of Textile or Expanded Vinyl Wall Coverings on Full Height Panels and Walls - Effective Date: 12/1/2014	Active
NFPA 268	1/1/2017 English	Standard Test Method for Determining Ignitability of Exterior Wall Assemblies Using a Radiant Heat Energy Source - Effective Date:	Active
NFPA 269	1/1/2017 English	Standard Test Method for Developing Toxic Potency Data for Use in Fire Hazard Modeling - Effective Date: 12/01/2016	Active
NFPA 270	1/1/2018 English	Standard Test Method for Measurement of Smoke Obscuration Using a Conical Radiant Source in a Single Closed Chamber - Effective Date: 11/30/2017	Active
NFPA 271	1/1/2009 English	Standard Method of Test for Heat and Visible Smoke Release Rates for Materials and Products Using an Oxygen Consumption Calorimeter - Effective Date: 12/29/2008	Active
NFPA 274	1/1/2018 English	Standard Test Method to Evaluate Fire Performance Characteristics of Pipe Insulation - Effective Date: 11/30/2017	Active
NFPA 275	1/1/2017 English	Standard Method of Fire Tests for the Evaluation of Thermal Barriers - Effective Date: 12/1/2016	Active

NFPA 276	1/1/2015	English	Standard Method of Fire Test for Determining the Heat Release Rate of Roofing Assemblies with Combustible Above-Deck Roofing Components - Effective Date: 12/01/2014	Active
NFPA 285 ERTA 1	8/28/2012	English	Standard Fire Test Method for Evaluation of Fire Propagation Characteristics of Exterior Non-Load-Bearing Wall Assemblies Containing Combustible Components	Active
NFPA 285	1/1/2012	English	Standard Fire Test Method for Evaluation of Fire Propagation Characteristics of Exterior Non-Load-Bearing Wall Assemblies Containing Combustible Components - Effective Date: 1/2/2012	Active
NFPA 286	1/1/2015	English	Standard Methods of Fire Tests for Evaluating Contribution of Wall and Ceiling Interior Finish to Room Fire Growth - Effective Date: 12/1/2014	Active
NFPA 287	1/1/2017	English	Standard Test Methods for Measurement of Flammability of Materials in Cleanrooms Using a Fire Propagation Apparatus (FPA) - Effective Date: 12/1/2016	Active
NFPA 288	1/1/2017	English	Standard Methods of Fire Tests of Horizontal Fire Door Assemblies Installed in Horizontal Fire Resistance-Rated Assemblies - Effective date: 08/27/2016	Active
NFPA 289	1/1/2019	English	Standard Method of Fire Test for Individual Fuel Packages - Effective Date: 09/03/2018	Active
NFPA 290	1/1/2018	English	Standard for Fire Testing of Passive Protection Materials for Use on LP-Gas Containers - Effective Date: 8/18/2017	Active
NFPA 291	1/1/2019	English	Recommended Practice for Fire Flow Testing and Marking of Hydrants - Effective Date: 05/24/2018	Active
NFPA 301	1/1/2018	English	Code for Safety to Life from Fire on Merchant Vessels - Effective Date: 08/21/2017	Active
NFPA 302	1/1/2015	English	Fire Protection Standard for Pleasure and Commercial Motor Craft - Effective Date: 5/19/2014	Active
NFPA 303	1/1/2016	English	Fire Protection Standard for Marinas and Boatyards - Effective Date: 6/15/2015	Active
NFPA 306	1/1/2019	English	Standard for the Control of Gas Hazards on Vessels - Effective Date: 05/24/2018	Active
NFPA 307	1/1/2016	English	Standard for the Construction and Fire Protection of Marine Terminals, Piers, and Wharves - Effective Date: 06/15/2015	Active
NFPA 312	1/1/2016	English	Standard for Fire Protection of Vessels During Construction, Conversion, Repair, and Lay-Up - Effective Date: 07/29/2014	Active
NFPA 318	1/1/2018	English	Standard for the Protection of Semiconductor Fabrication Facilities - Effective Date: 08/21/2017	Active
NFPA 326	1/1/2015	English	Standard for the Safeguarding of Tanks and Containers for Entry, Cleaning, or Repair - Effective Date: 12/1/2014	Active
NFPA 329	1/1/2015	English	Recommended Practice for Handling Releases of Flammable and Combustible Liquids and Gases - Effective Date: 12/1/2014	Active
NFPA 350	1/1/2016	English	Guide for Safe Confined Space Entry and Work - Effective Date: 12/04/2015	Active
NFPA 385	1/1/2017	English	Standard for Tank Vehicles for Flammable and Combustible Liquids - Effective Date: 8/8/2016	Active
NFPA 400	1/1/2019	English	Hazardous Materials Code - Effective Date: 09/03/2018	Active
NFPA 400 SPANISH	1/1/2010	Spanish	Código de Materiales Peligrosos - Effective Date : 8/26/2009	Active
NFPA 402 AMD 1	8/14/2014	English	Guide for Aircraft Rescue and Fire-Fighting Operations - Effective Date: 09/03/2014	Active
NFPA 402	1/1/2013	English	Guide for Aircraft Rescue and Fire-Fighting Operations - Effective Date: 6/18/2012	Active
NFPA 402 SPANISH	1/1/2002	Spanish	Guía para las Operaciones de Rescate y Combate de Incendios en Aeronaves - Effective Date: 8/8/2002	Active
NFPA 403	1/1/2018	English	Standard for Aircraft Rescue and Fire-Fighting Services at Airports - Effective Date: 08/21/2017	Active
NFPA 403 SPANISH	1/1/1998	Spanish	Norma para Servicios en Aeropuertos para Rescate y Combate de Incendios en Aeronaves - Effective Date: 8/5/1998	Active
NFPA 405	1/1/2015	English	Standard for the Recurring Proficiency of Airport Fire Fighters - Effective Date: 12/01/2014	Active
NFPA 407	1/1/2017	English	Standard for Aircraft Fuel Servicing - Effective Date: 06/02/2016	Active
NFPA 408	1/1/2017	English	Standard for Aircraft Hand Portable Fire Extinguishers - Effective Date: 08/08/2016	Active
NFPA 409 ERTA 1	7/14/2015	English	Standard on Aircraft Hangars	Active
NFPA 409 AMD 1	4/6/2016	English	Standard on Aircraft Hangars - Effective Date: 04/26/2016	Active
NFPA 409	1/1/2016	English	Standard on Aircraft Hangars - Effective Date: 06/15/2015	Active
NFPA 409 SPANISH	1/1/2004	Spanish	Norma sobre Hangares para Aeronaves - Effective Date: 8/5/2004	Active
NFPA 410	1/1/2015	English	Standard on Aircraft Maintenance - Effective Date: 12/1/2014	Active
NFPA 412	1/1/2014	English	Standard for Evaluating Aircraft Rescue and Fire-Fighting Foam Equipment - Effective Date: 06/17/2013	Active
NFPA 414	1/1/2017	English	Standard for Aircraft Rescue and Fire-Fighting Vehicles - Effective Date: 06/02/2016	Active
NFPA 415	1/1/2016	English	Standard on Airport Terminal Buildings, Fueling Ramp Drainage, and Loading Walkways - Effective Date: 06/15/2015	Active
NFPA 418	1/1/2016	English	Standard for Heliports - Effective Date: 12/4/2015	Active

NFPA 422	1/1/2010	English	Guide for Aircraft Accident/Incident Response Assessment - Effective Date: 12/5/2009	Active
NFPA 423	1/1/2016	English	Standard for Construction and Protection of Aircraft Engine Test Facilities - Effective Date: 07/29/2014	Active
NFPA 424	1/1/2018	English	Guide for Airport/Community Emergency Planning - Effective Date: 12/1/2016	Active
NFPA 424 SPANISH	1/1/2008	Spanish	Gu�a para la Elaboraci�n de Planes de Emergencia de Aeropuertos y sus Zonas de Influencia - Effective Date: 6/24/2007	Active
NFPA 434	1/1/2002	English	Code for the Storage of Pesticides - Effective Date: 8/8/2002	Active
NFPA 450	1/1/2017	English	Guide for Emergency Medical Services and Systems - Effective Date: 06/02/2016	Active
NFPA 471	1/1/2002	English	Recommended Practice for Responding to Hazardous Materials Incidents - Effective Date: 1/31/2002	Active
NFPA 471 SPANISH	1/1/2002	Spanish	Pr�ctica Recomendada para la Respuesta a Incidentes con Materiales Peligrosos - Effective Date: 1/31/2002	Active
NFPA 472	1/1/2018	English	Standard for Competence of Responders to Hazardous Materials/Weapons of Mass Destruction Incidents - Effective Date: 08/21/2017	Active
NFPA 472 SPANISH	1/1/2008	Spanish	Norma para competencias del personal de respuesta a incidentes con materiales peligrosos/ armas de destrucci�n masiva - Effective Date: 6/24/2007	Active
NFPA 473	1/1/2018	English	Standard for Competencies for EMS Personnel Responding to Hazardous Materials/Weapons of Mass Destruction Incidents - Effective Date: 08/21/2017	Active
NFPA 475	1/1/2017	English	Recommended Practice for Organizing, Managing, and Sustaining a Hazardous Materials/Weapons of Mass Destruction Response Program - Effective Date: 12/1/2016	Active
NFPA 484	1/1/2019	English	Standard for Combustible Metals - Effective Date: 05/24/2018	Active
NFPA 495	1/1/2018	English	Explosive Materials Code - Effective Date: 11/30/2017	Active
NFPA 496	1/1/2017	English	Standard for Purged and Pressurized Enclosures for Electrical Equipment - Effective Date: 06/02/2016	Active
NFPA 497	1/1/2017	English	Recommended Practice for the Classification of Flammable Liquids, Gases, or Vapors and of Hazardous (Classified) Locations for Electrical Installations in Chemical Process Areas - Effective Date: 06/02/2016	Active
NFPA 497 SPANISH	1/1/2012	Spanish	Pr�ctica Recomendada para la Clasificaci�n de L�quidos Inflamables, Gases o Vapores Inflamables y de �reas Peligrosas (Clasificadas) para Instalaciones El�ctricas en �reas de Procesamiento Qu�mico - Effective Date: 01/02/2012	Active
NFPA 498	1/1/2018	English	Standard for Safe Havens and Interchange Lots for Vehicles Transporting Explosives - Effective Date: 11/30/2017	Active
NFPA 499	1/1/2017	English	Recommended Practice for the Classification of Combustible Dusts and of Hazardous (Classified) Locations for Electrical Installations in Chemical Process Areas - Effective Date: 06/02/2016	Active
NFPA 501 ERTA 1	11/16/2016	English	Standard on Manufactured Housing	Active
NFPA 501	1/1/2017	English	Standard on Manufactured Housing - Effective Date: 12/1/2016	Active
NFPA 501A	1/1/2017	English	Standard for Fire Safety Criteria for Manufactured Home Installations, Sites, and Communities - Effective Date: 06/22/2016	Active
NFPA 502	1/1/2017	English	Standard for Road Tunnels, Bridges, and Other Limited Access Highways - Effective Date: 06/02/2016	Active
NFPA 505	1/1/2018	English	Fire Safety Standard for Powered Industrial Trucks Including Type Designations, Areas of Use, Conversions, Maintenance, and Operations - Effective Date: 08/18/2017	Active
NFPA 520	1/1/2016	English	Standard on Subterranean Spaces - Effective Date: 9/7/2015	Active
NFPA 520 SPANISH	1/1/2005	Spanish	Est�ndar sobre Espacios Subterr�neos - Effective Date: 2/7/2005	Active
NFPA 550	1/1/2017	English	Guide to the Fire Safety Concepts Tree - Effective Date: 12/1/2016	Active
NFPA 550 SPANISH	1/1/2007	Spanish	Gu�a del �rbol de Decisiones para la Seguridad contra Incendios - Effective Date: 12/20/2006	Active
NFPA 551	1/1/2019	English	Guide for the Evaluation of Fire Risk Assessments - Effective Date: 4/4/2018	Active
NFPA 551 SPANISH	1/1/2016	Spanish	Gu�a para la Evaluaci�n de los Riesgos de Incendio - Effective Date: 3/5/2015	Active
NFPA 555	1/1/2017	English	Guide on Methods for Evaluating Potential for Room Flashover - Effective Date: 06/02/2016	Active
NFPA 556	1/1/2016	English	Guide on Methods for Evaluating Fire Hazard to Occupants of Passenger Road Vehicles - Effective Date: 06/15/2015	Active
NFPA 557	1/1/2016	English	Standard for Determination of Fire Loads for Use in Structural Fire Protection Design - Effective Date: 6/15/2015	Active
NFPA 560 AMD 1	6/4/2007	English	Standard for the Storage, Handling, and Use of Ethylene Oxide for Sterilization and Fumigation	Active
NFPA 560	1/1/2007	English	Standard for the Storage, Handling, and Use of Ethylene Oxide for Sterilization and Fumigation - Effective Date: 12/20/2006	Active
NFPA 600	1/1/2015	English	Standard on Facility Fire Brigades - Effective Date: 12/1/2014	Active
NFPA 600 SPANISH	1/1/2015	Spanish	Norma sobre Brigadas de Incendio de Instalaciones - Effective Date: 12/1/2014	Active
NFPA 601	1/1/2015	English	Standard for Security Services in Fire Loss Prevention - Effective Date: 02/03/2014	Active

NFPA 610	1/1/2019	English	Guide for Emergency and Safety Operations at Motorsports Venues - Effective Date: 12/2/2017	Active
NFPA 652	1/1/2019	English	Standard on the Fundamentals of Combustible Dust - Effective date: 05/24/2018	Active
NFPA 654	1/1/2017	English	Standard for the Prevention of Fire and Dust Explosions from the Manufacturing, Processing, and Handling of Combustible Particulate Solids - Effective Date: 06/02/2016	Active
NFPA 654 SPANISH	1/1/2006	Spanish	Estándar para la prevención de incendios y explosiones de polvo en la fabricación, procesamiento y manipulación de partículas combustibles - Effective Date: 8/18/2005	Active
NFPA 655	1/1/2017	English	Standard for Prevention of Sulfur Fires and Explosions - Effective Date: 12/01/2016	Active
NFPA 664 ERTA 1	9/22/2017	English	Standard for the Prevention of Fires and Explosions in Wood Processing and Woodworking Facilities	Active
NFPA 664	1/1/2017	English	Standard for the Prevention of Fires and Explosions in Wood Processing and Woodworking Facilities - Effective Date: 6/2/2016	Active
NFPA 701	1/1/2015	English	Standard Methods of Fire Tests for Flame Propagation of Textiles and Films - Effective Date: 12/1/2004	Active
NFPA 703	1/1/2018	English	Standard for Fire - Retardant Treated Wood and Fire - Retardant Coatings for Building Materials - Effective Date: 08/21/2017	Active
NFPA 704	1/1/2017	English	Standard System for the Identification of the Hazards of Materials for Emergency Response - Effective Date: 06/02/2016	Active
NFPA 704 SPANISH	1/1/2012	Spanish	Sistema Normativo para la Identificación de los Riesgos de Materiales para Respuesta a Emergencias - Effective Date: 08/31/2011	Active
NFPA 705	1/1/2018	English	Recommended Practice for a Field Flame Test for Textiles and Films - Effective Date: 11/30/2017	Active
NFPA 720	1/1/2015	English	Standard for the Installation of Carbon Monoxide (CO) Detection and Warning Equipment - Effective Date: 9/3/2014	Active
NFPA 730	1/1/2018	English	Guide for Premises Security - Effective Date: 9/6/2017	Active
NFPA 730 SPANISH	1/1/2006	Spanish	Guía para Seguridad Física de Establecimientos	Active
NFPA 731	1/1/2017	English	Standard for the Installation of Electronic Premises Security Systems - Effective Date: 12/01/2016	Active
NFPA 731 SPANISH	1/1/2006	Spanish	Norma para la Instalación de Sistemas Electrónicos de Seguridad en Establecimientos - Effective Date: 08/18/2005	Active
NFPA 750	1/1/2019	English	Standard on Water Mist Fire Protection Systems - Effective Date: 05/24/2018	Active
NFPA 750 SPANISH	1/1/2015	Spanish	Sistemas de Protección contra Incendios de Agua Nebulizada - Effective Date: 7/29/2014	Active
NFPA 780	1/1/2017	English	Standard for the Installation of Lightning Protection Systems - Effective date: 06/02/2016	Active
NFPA 780 SPANISH	1/1/2014	Spanish	Norma para la Instalación de Sistemas de Protección contra Rayos - Effective date: 06/17/2013	Active
NFPA 790	1/1/2018	English	Standard for Competency of Third-Party Field Evaluation Bodies - Effective Date: 08/21/2017	Active
NFPA 791	1/1/2018	English	Recommended Practice and Procedures for Unlabeled Electrical Equipment Evaluation - Effective Date: 08/21/2017	Active
NFPA 801	1/1/2014	English	Standard for Fire Protection for Facilities Handling Radioactive Materials - Effective Date: 08/21/2013	Active
NFPA 804	1/1/2015	English	Standard for Fire Protection for Advanced Light Water Reactor Electric Generating Plants - Effective Date: 12/01/2014	Active
NFPA 805	1/1/2015	English	Performance-Based Standard for Fire Protection for Light Water Reactor Electric Generating Plants - Effective Date: 12/01/2014	Active
NFPA 806	1/1/2015	English	Performance-Based Standard for Fire Protection for Advanced Nuclear Reactor Electric Generating Plants Change Process - Effective Date: 12/01/2014	Active
NFPA 820	1/1/2016	English	Standard for Fire Protection in Wastewater Treatment and Collection Facilities - Effective Date: 6/15/2015	Active
NFPA 850	1/1/2015	English	Recommended Practice for Fire Protection for Electric Generating Plants and High Voltage Direct Current Converter Stations - Effective Date: 12/01/2014	Active
NFPA 850 SPANISH	1/1/2016	Spanish	Práctica Recomendada para Protección contra Incendios para Plantas de Generación Eléctrica y Estaciones Transformadoras - Effective Date: 12/01/2014	Active
NFPA 851	1/1/2010	English	Recommended Practice for Fire Protection for Hydroelectric Generating Plants - Effective Date: 12/5/2009	Active
NFPA 851 SPANISH	1/1/2010	Spanish	Práctica Recomendada para Protección Contra Incendios para Plantas de Generación Hidroeléctrica - Effective Date: 12/5/2009	Active
NFPA 853	1/1/2015	English	Standard for the Installation of Stationary Fuel Cell Power Systems - Effective Date: 7/1/2014	Active
NFPA 900	1/1/2016	English	Building Energy Code	Active
NFPA 901	1/1/2016	English	Standard Classifications for Incident Reporting and Fire Protection Data - Effective Date: 12/4/2015	Active
NFPA 909 ERTA 1	1/11/2017	English	Code for the Projection of Cultural Resource Properties - Museum, Libraries, and Places of Worship	Active
NFPA 909	1/1/2017	English	Code for the Protection of Cultural Resource Properties - Museums, Libraries, and Places of Worship - Effective Date: 12/1/2016	Active
NFPA 914	1/1/2015	English	Code for Fire Protection of Historic Structures - Effective Date: 12/1/2014	Active
NFPA 921 AMD 1	8/17/2017	English	Guide for Fire and Explosion Investigations - Effective date: 9/6/2017	Active
NFPA 921	1/1/2017	English	Guide for Fire and Explosion Investigations - Effective date: 12/1/2016	Active

NFPA 921 SPANISH	1/1/2014 Spanish	Guide for Fire and Explosion Investigations - Effective date: 12/2/2013	Active
NFPA 950	1/1/2015 English	Standard for Data Development and Exchange for the Fire Service - Effective Date: 12/1/2014	Active
NFPA 951	1/1/2016 English	Guide to Building and Utilizing Digital Information - Effective date: 4/12/2015	Active
NFPA 1000	1/1/2017 English	Standard for Fire Service Professional Qualifications Accreditation and Certification Systems - Effective Date: 8/8/2016	Active
NFPA 1001	1/1/2019 English	Standard for Fire Fighter Professional Qualifications - Effective Date: 09/03/2018	Active
NFPA 1001 SPANISH	1/1/2008 Spanish	Norma para calificaci3n profesional de bomberos - Effective Date: 6/24/2007	Active
NFPA 1002	1/1/2017 English	Standard for Fire Apparatus Driver/Operator Professional Qualifications - Effective Date: 12/1/2016	Active
NFPA 1003	1/1/2015 English	Standard for Airport Fire Fighter Professional Qualifications - Effective Date: 12/1/2014	Active
NFPA 1005	1/1/2014 English	Standard for Professional Qualifications for Marine Fire Fighting for Land-Based Fire Fighters - Effective Date: 12/2/2013	Active
NFPA 1006 AMD 6	11/18/2017 English	Standard for Technical Rescue Personnel Professional Qualifications - Effective Date: 12/8/2017	Active
NFPA 1006 AMD 5	11/18/2017 English	Standard for Technical Rescue Personnel Professional Qualifications - Effective Date: 12/18/2017	Active
NFPA 1006 AMD 4	11/18/2017 English	Standard for Technical Rescue Personnel Professional Qualifications - Effective Date: 12/8/2017	Active
NFPA 1006 AMD 3	11/18/2017 English	Standard for Technical Rescue Personnel Professional Qualifications - Effective Date: 12/8/2017	Active
NFPA 1006 AMD 1	11/18/2017 English	Standard for Technical Rescue Personnel Professional Qualifications - Effective Date: 12/8/2017	Active
NFPA 1006	1/1/2017 English	Standard for Technical Rescue Personnel Professional Qualifications - Effective Date: 12/1/2016	Active
NFPA 1006 SPANISH	1/1/2008 Spanish	Norma para calificaci3n profesional de t3cnicos en rescate - Effective Date: 12/31/2007	Active
NFPA 1021	1/1/2014 English	Standard for Fire Officer Professional Qualifications - Effective Date: 06/17/2013	Active
NFPA 1026	1/1/2018 English	Standard for Incident Management Personnel Professional Qualifications - Effective Date: 11/30/2017	Active
NFPA 1031	1/1/2014 English	Standard for Professional Qualifications for Fire Inspector and Plan Examiner - Effective Date: 6/17/2013	Active
NFPA 1031 SPANISH	1/1/2014 Spanish	Norma sobre Calificaciones Profesionales para Inspectores de Incendios y Examinadores de Planos - Effective Date: 6/17/2013	Active
NFPA 1033	1/1/2014 English	Standard for Professional Qualifications for Fire Investigator - Effective Date: 06/17/2013	Active
		Standard on Fire and Life Safety Educator, Public Information Officer, Youth Firesetter Intervention Specialist, and Program Manager Professional Qualifications - Effective Date: 12/1/2014	Active
NFPA 1035	1/1/2015 English	Standard on Fire Marshal Professional Qualifications - Effective Date: 12/4/2015	Active
NFPA 1037	1/1/2016 English	Standard on Fire Marshal Professional Qualifications - Effective Date: 12/4/2015	Active
NFPA 1041	1/1/2012 English	Standard for Fire Service Instructor Professional Qualifications - Effective Date: 1/2/2012	Active
NFPA 1041 SPANISH	1/1/2007 Spanish	Norma para Calificaciones Profesionales de Instructores del Departamento de Bomberos - Effective Date: 12/20/2006	Active
NFPA 1051	1/1/2016 English	Standard for Wildland Firefighting Personnel Professional Qualifications - Effective Date: 12/4/2015	Active
NFPA 1061	1/1/2018 English	Standard for Public Safety Telecommunications Personnel Professional Qualifications - Effective Date: 11/30/2017	Active
NFPA 1071	1/1/2016 English	Standard for Emergency Vehicle Technician Professional Qualifications - Effective Date: 7/29/2014	Active
		Standard for Hazardous Materials/ Weapons of Mass Destruction Emergency Response Personnel Professional Qualifications - Effective Date: 12/1/2016	Active
NFPA 1072	1/1/2017 English	Standard for Industrial Fire Brigade Member Professional Qualifications - Effective Date: 11/30/2017	Active
NFPA 1081	1/1/2018 English	Standard for Industrial Fire Brigade Member Professional Qualifications - Effective Date: 11/30/2017	Active
NFPA 1081 SPANISH	1/1/2007 Spanish	Norma sobre Calificaci3n Profesional para Miembros de Brigadas Industriales de Incendios - Effective Date: 08/17/2006	Active
NFPA 1091	1/1/2015 English	Standard for Traffic Control Incident Management Personnel Professional Qualifications - Effective Date: 12/1/2014	Active
NFPA 1122	1/1/2018 English	Code for Model Rocketry	Active
NFPA 1123	1/1/2018 English	Code for Fireworks Display - Effective Date: 08/21/2017	Active
NFPA 1123 SPANISH	1/1/2006 Spanish	C3digo para la Exhibici3n de Fuegos Artificiales - Effective Date: 08/18/2005	Active
NFPA 1124	1/1/2017 English	Code for the Manufacture, Transportation, and Storage of Fireworks and Pyrotechnic Articles - Effective Date: 06/02/2016	Active
		C3digo para la Fabricaci3n, Transporte, Almacenamiento y Ventas Minoristas de Fuegos Artificiales y Art3culos de Pirotecnia - Effective Date: 8/18/2005	Active
NFPA 1124 SPANISH	1/1/2006 Spanish	Code for the Manufacture of Model Rocket and High-Power Rocket Motors - Effective Date: 06/02/2016	Active
NFPA 1125	1/1/2017 English	Code for the Manufacture of Model Rocket and High-Power Rocket Motors - Effective Date: 06/02/2016	Active
NFPA 1126	1/1/2016 English	Standard for the Use of Pyrotechnics Before a Proximate Audience - Effective Date: 6/15/2015	Active
NFPA 1126 SPANISH	1/1/2006 Spanish	Norma para el uso de pirotecnia frente a una audiencia pr3xima - Effective Date: 8/18/2005	Active
NFPA 1127 AMD 1	8/17/2017 English	Code for High Power Rocketry - Effective Date: 9/6/2017	Active
NFPA 1127	1/1/2018 English	Code for High Power Rocketry - Effective Date: 10/30/2016	Active

NFPA 1141	1/1/2017	English	Standard for Fire Protection Infrastructure for Land Development in Wildland, Rural, and Suburban Areas - Effective Date: 06/2/2016	Active
NFPA 1142	1/1/2017	English	Standard on Water Supplies for Suburban and Rural Fire Fighting - Effective Date: 06/02/2016	Active
NFPA 1143	1/1/2018	English	Standard for Wildland Fire Management - Effective Date: 08/21/2017	Active
NFPA 1144	1/1/2018	English	Standard for Reducing Structure Ignition Hazards from Wildland Fire - Effective Date: 9/6/2017	Active
NFPA 1145	1/1/2017	English	Guide for the Use of Class A Foams in Fire Fighting - Effective Date: 6/2/2016	Active
NFPA 1150	1/1/2017	English	Standard on Foam Chemicals for Fires in Class A Fuels - Effective Date: 12/1/2016	Active
NFPA 1192	1/1/2018	English	Standard on Recreational Vehicles - Effective Date: 08/21/2017	Active
NFPA 1194	1/1/2018	English	Standard for Recreational Vehicle Parks and Campgrounds - Effective Date: 9/11/2016	Active
NFPA 1201	1/1/2015	English	Standard for Providing Fire and Emergency Services to the Public - Effective Date: 12/1/2014	Active
NFPA 1221	1/1/2019	English	Standard for the Installation, Maintenance, and Use of Emergency Services Communications Systems - Effective Date: May 24, 2018	Active
NFPA 1250	1/1/2015	English	Recommended Practice in Fire and Emergency Services Organization Risk Management - Effective Date: 12/01/2014	Active
NFPA 1401	1/1/2017	English	Recommended Practice for Fire Service Training Reports and Records - Effective Date: 12/1/2016	Active
NFPA 1401 SPANISH	1/1/2006	Spanish	Práctica Recomendada para Informes y Registros de Capacitación del Departamento de Bomberos - Effective Date: 2/16/2006	Active
NFPA 1402	1/1/2012	English	Guide to Building Fire Service Training Centers - Effective Date: 1/2/2012	Active
NFPA 1403	1/1/2018	English	Standard on Live Fire Training Evolutions - Effective Date: 9/6/2017	Active
NFPA 1404	1/1/2018	English	Standard for Fire Service Respiratory Protection Training - Effective Date: 11/30/2017	Active
NFPA 1404 SPANISH	1/1/2006	Spanish	Norma para Entrenamiento en Protección Respiratoria para Departamentos de Bomberos - Effective Date: 2/16/2006	Active
NFPA 1405	1/1/2016	English	Guide for Land-Based Fire Departments That Respond to Marine Vessel Fires - Effective Date: 2/17/2015	Active
NFPA 1407	1/1/2015	English	Standard for Training Fire Service Rapid Intervention Crews - Effective date: 02/03/2014	Active
NFPA 1408	1/1/2015	English	Standard for Training Fire Service Personnel in the Operation, Care, Use, and Maintenance of Thermal Imagers - Effective Date: 12/1/2014	Active
NFPA 1410	1/1/2015	English	Standard on Training for Initial Emergency Scene Operations - Effective Date: 12/01/2014	Active
NFPA 1410 SPANISH	1/1/2010	Spanish	Norma sobre Entrenamiento para Operaciones Iniciales en el Lugar de la Emergencia - Effective Date: 12/05/2009	Active
NFPA 1451	1/1/2018	English	Standard for a Fire and Emergency Service Vehicle Operations Training Program - Effective Date: 11/30/2017	Active
NFPA 1452	1/1/2015	English	Guide for Training Fire Service Personnel to Conduct Community Risk Reduction - Effective Date: 12/01/2014	Active
NFPA 1500	1/1/2018	English	Standard on Fire Department Occupational Safety, Health, and Wellness Program - Effective Date: 08/21/2017	Active
NFPA 1500 SPANISH	1/1/2007	Spanish	Norma sobre Programas de Seguridad y Salud Ocupacional para Departamentos de Bomberos - Effective Date: 8/17/2006	Active
NFPA 1521	1/1/2015	English	Standard for Fire Department Safety Officer Professional Qualifications - Effective Date: 5/19/2014	Active
NFPA 1521 SPANISH	1/1/2008	Spanish	Norma para el oficial de seguridad del departamento de bomberos - Effective Date: 6/24/2007	Active
NFPA 1561	1/1/2014	English	Standard on Emergency Services Incident Management System and Command Safety - Effective Date: 12/2/2013	Active
NFPA 1561 SPANISH	1/1/2008	Spanish	Norma sobre Sistemas de Administración de Incidentes para Servicios de Emergencia - Effective Date: 12/31/2007	Active
NFPA 1581	1/1/2015	English	Standard on Fire Department Infection Control Program - Effective Date: 12/01/2014	Active
NFPA 1582 AMD 2	11/18/2017	English	Standard on Comprehensive Occupational Medical Program for Fire Departments - Effective Date: 12/08/2017	Active
NFPA 1582 AMD 1	8/17/2017	English	Standard on Comprehensive Occupational Medical Program for Fire Departments - Effective Date: 09/06/2017	Active
NFPA 1582	1/1/2018	English	Standard on Comprehensive Occupational Medical Program for Fire Departments - Effective Date: 8/21/2017	Active
NFPA 1582 SPANISH	1/1/2007	Spanish	Norma sobre programa médico ocupacional integral para departamentos de bomberos - Effective Date: 8/17/2006	Active
NFPA 1583	1/1/2015	English	Standard on Health-Related Fitness Programs for Fire Department Members - Effective Date: 12/01/2014	Active
NFPA 1584	1/1/2015	English	Standard on the Rehabilitation Process for Members During Emergency Operations and Training Exercises - Effective Date: 12/01/2014	Active
NFPA 1600	1/1/2016	English	Standard on Disaster/Emergency Management and Business Continuity/Continuity of Operations Programs - Effective Date: 12/4/2015	Active
NFPA 1600 SPANISH	1/1/2013	Spanish	Norma sobre Administración de Emergencias/Desastres y Programas para la Continuidad del Negocio - Effective Date: 12/5/2009	Active
NFPA 1616 AMD 1	12/1/2016	English	Standard on Mass Evacuation, Sheltering, and Re-entry Programs - Effective date: 12/21/2016	Active
NFPA 1616	1/1/2017	English	Standard on Mass Evacuation, Sheltering, and Re-entry Programs - Effective date: 12/1/2016	Active
NFPA 1620	1/1/2015	English	Standard for Pre-Incident Planning - Effective Date: 12/01/2014	Active
NFPA 1670	1/1/2017	English	Standard on Operations and Training for Technical Search and Rescue Incidents - Effective Date: 12/1/2016	Active
NFPA 1670 SPANISH	1/1/2009	Spanish	Norma sobre operaciones y entrenamiento para la búsqueda técnica de incidentes en rescate - Effective Date: 12/29/2008	Active

NFPA 1710	1/1/2016	English	Standard for the Organization and Deployment of Fire Suppression Operations, Emergency Medical Operations, and Special Operations to the Public by Career Fire Departments - Effective Date: 09/07/2015	Active
NFPA 1720	1/1/2014	English	Standard for the Organization and Deployment of Fire Suppression Operations, Emergency Medical Operations, and Special Operations to the Public by Volunteer Fire Departments - Effective Date: 07/18/2013	Active
NFPA 1730	1/1/2019	English	Standard on Organization and Deployment of Fire Prevention Inspection and Code Enforcement, Plan Review, Investigation, and Public Education Operations - Effective Date: 09/03/2018	Active
NFPA 1801	1/1/2018	English	Standard on Thermal Imagers for the Fire Service - Effective Date: 08/21/2017	Active
NFPA 1851	1/1/2014	English	Standard on Selection, Care, and Maintenance of Protective Ensembles for Structural Fire Fighting and Proximity Fire Fighting - Effective Date: 08/15/2013	Active
NFPA 1852	1/1/2019	English	Standard on Selection, Care, and Maintenance of Open-Circuit Self-Contained Breathing Apparatus (SCBA) - Effective Date: 05/24/2018	Active
NFPA 1855	1/1/2018	English	Standard on Selection, Care, and Maintenance of Protective Ensembles for Technical Rescue Incidents - Effective Date: 11/30/2017	Active
NFPA 1858	1/1/2018	English	Standard on Selection, Care, and Maintenance of Life Safety Rope and Equipment for Emergency Services - Effective Date: 11/30/2017	Active
NFPA 1901 AMD 3	8/4/2016	English	Standard for Automotive Fire Apparatus - Effective Date: 08/24/2016	Active
NFPA 1901 AMD 2	8/4/2016	English	Standard for Automotive Fire Apparatus - Effective Date: 08/24/2016	Active
NFPA 1901 AMD 1	8/4/2016	English	Standard for Automotive Fire Apparatus - Effective Date: August 24, 2016	Active
NFPA 1901	1/1/2016	English	Standard for Automotive Fire Apparatus - Effective Date: 09/07/2015	Active
NFPA 1906 AMD 3	8/17/2017	English	Standard for Wildland Fire Apparatus - Effective Date: 9/6/2017	Active
NFPA 1906 AMD 2	8/4/2016	English	Standard for Wildland Fire Apparatus - Effective Date: 8/24/2016	Active
NFPA 1906 AMD 1	8/4/2016	English	Standard for Wildland Fire Apparatus - Effective Date: 8/24/2016	Active
NFPA 1906	1/1/2016	English	Standard for Wildland Fire Apparatus - Effective Date: 6/15/2015	Active
NFPA 1911	1/1/2017	English	Standard for the Inspection, Maintenance, Testing, and Retirement of In-Service Emergency Vehicles - Effective Date: 12/1/2016	Active
NFPA 1912	1/1/2016	English	Standard for Fire Apparatus Refurbishing - Effective Date: 4/12/2015	Active
NFPA 1917	1/1/2019	English	Standard for Automotive Ambulances - Effective Date: 05/24/2018	Active
NFPA 1925	1/1/2018	English	Standard on Marine Fire-Fighting Vessels - Effective Date: 11/30/2017	Active
NFPA 1931 AMD 1	8/17/2017	English	Standard for Manufacturer's Design of Fire Department Ground Ladders - Effective Date: 09/06/2017	Active
NFPA 1931	1/1/2015	English	Standard for Manufacturer's Design of Fire Department Ground Ladders - Effective Date: 7/29/2014	Active
NFPA 1932	1/1/2015	English	Standard on Use, Maintenance, and Service Testing of In-Service Fire Department Ground Ladders - Effective Date: 07/29/2014	Active
NFPA 1932 SPANISH	1/1/2004	Spanish	Norma para Uso, Mantenimiento y Prueba de Funcionamiento de Escaleras Portátiles para Bomberos en Servicio - Effective Date: 8/5/2004	Active
NFPA 1936	1/1/2015	English	Standard on Powered Rescue Tools - Effective Date: 12/01/2014	Active
NFPA 1936 SPANISH	1/1/1999	Spanish	Norma sobre Sistemas de Herramientas para Rescate con Potencia Externa - Effective Date: 8/13/1999	Active
NFPA 1951 AMD 3	10/28/2014	English	Standard on Protective Ensembles for Technical Rescue Incidents - Effective Date: 11/17/2014	Active
NFPA 1951 AMD 2	8/1/2013	English	Standard on Protective Ensembles for Technical Rescue Incidents - Effective Date: 8/20/2013	Active
NFPA 1951 AMD 1	8/1/2013	English	Standard on Protective Ensembles for Technical Rescue Incidents - Effective Date: 8/20/2013	Active
NFPA 1951 ERTA	5/1/2013	English	Standard on Protective Ensembles for Technical Rescue Incidents	Active
NFPA 1951	1/1/2013	English	Standard on Protective Ensembles for Technical Rescue Incidents - Effective Date: 08/29/2012	Active
NFPA 1952 AMD 1	11/11/2014	English	Standard on Surface Water Operations Protective Clothing and Equipment - Effective Date: 12/01/2014	Active
NFPA 1952	1/1/2015	English	Standard on Surface Water Operations Protective Clothing and Equipment - Effective Date: 12/1/2014	Active
NFPA 1953	1/1/2016	English	Standard on Protective Ensembles for Contaminated Water Diving - Effective Date: 06/15/2015	Active
NFPA 1961	1/1/2013	English	Standard on Fire Hose - Effective Date: 06/18/2012	Active
NFPA 1962	1/1/2018	English	Standard for the Care, Use, Inspection, Service Testing, and Replacement of Fire Hose, Couplings, Nozzles, and Fire Hose Appliances - Effective Date: 11/30/2017	Active
NFPA 1963	1/1/2014	English	Standard for Fire Hose Connections - Effective Date: 12/2/2013	Active
NFPA 1964	1/1/2018	English	Standard for Spray Nozzles - Effective Date: 11/30/2017	Active
NFPA 1965	1/1/2014	English	Standard for Fire Hose Appliances - Effective Date: 02/03/2013	Active
NFPA 1971 AMD 2	8/17/2017	English	Standard on Protective Ensembles for Structural Fire Fighting and Proximity Fire Fighting - Effective Date: 09/06/2017	Active

NFPA 1971 AMD 1	8/17/2017	English	Standard on Protective Ensembles for Structural Fire Fighting and Proximity Fire Fighting - Effective Date: 09/06/2017	Active
NFPA 1971 ERTA 1	3/13/2017	English	Standard on Protective Ensembles for Structural Fire Fighting and Proximity Fire Fighting	Active
NFPA 1971	1/1/2018	English	Standard on Protective Ensembles for Structural Fire Fighting and Proximity Fire Fighting - Effective Date: 8/21/2017	Active
			Norma sobre Vestidos o Trajes de Protección para el Combate de Incendios Estructurales y de Aproximación al Fuego - Effective Date: 8/17/2006	Active
NFPA 1971 SPANISH	1/1/2007	Spanish		Active
NFPA 1975	1/1/2014	English	Standard on Emergency Services Work Clothing Elements - Effective Date: 12/2/2013	Active
NFPA 1977 AMD 1	4/6/2016	English	Standard on Protective Clothing and Equipment for Wildland Fire Fighting - Effective Date: 4/26/2016	Active
NFPA 1977	1/1/2016	English	Standard on Protective Clothing and Equipment for Wildland Fire Fighting - Effective Date: 12/04/2015	Active
NFPA 1981	1/1/2019	English	Standard on Open-Circuit Self-Contained Breathing Apparatus (SCBA) for Emergency Services - Effective Date: 09/03/2018	Active
NFPA 1981 SPANISH	1/1/2007	Spanish	Norma sobre Aparatos de Respiración Auto-Contenidos de Circuito Abierto (SCBA) para Servicios de Emergencia - Effective Date:	Active
NFPA 1982	1/1/2018	English	Standard on Personal Alert Safety Systems (PASS) - Effective Date: 11/30/2017	Active
NFPA 1983 ERTA 2	4/25/2017	English	Standard on Life Safety Rope and Equipment for Emergency Services	Active
NFPA 1983 ERTA 1	3/13/2017	English	Standard on Life Safety Rope and Equipment for Emergency Services	Active
NFPA 1983	1/1/2017	English	Standard on Life Safety Rope and Equipment for Emergency Services - Effective date: 12/01/2016	Active
NFPA 1983 SPANISH	1/1/2006	Spanish	Norma sobre Cuerdas de Seguridad de Vida y Equipamiento para Servicios de Emergencia - Effective Date: 2/16/2006	Active
NFPA 1984	1/1/2016	English	Standard on Respirators for Wildland Fire-Fighting Operations - Effective Date: 03/05/2015	Active
NFPA 1986	1/1/2017	English	Standard on Respiratory Protection Equipment for Tactical and Technical Operations - Effective date: 12/01/2016	Active
NFPA 1989	1/1/2019	English	Standard on Breathing Air Quality for Emergency Services Respiratory Protection - Effective Date: 05/24/2018	Active
NFPA 1991	1/1/2016	English	Standard on Vapor-Protective Ensembles for Hazardous Materials Emergencies and CBRN Terrorism Incidents - Effective Date: 12/4/2015	Active
NFPA 1992 AMD 2	8/17/2017	English	Standard on Liquid Splash-Protective Ensembles and Clothing for Hazardous Materials Emergencies - Effective Date: 09/06/2017	Active
NFPA 1992 AMD 1	8/17/2017	English	Standard on Liquid Splash-Protective Ensembles and Clothing for Hazardous Materials Emergencies - Effective Date: 09/06/2017	Active
NFPA 1992	1/1/2018	English	Standard on Liquid Splash-Protective Ensembles and Clothing for Hazardous Materials Emergencies - Effective Date: 8/21/2017	Active
NFPA 1994 ERTA 1	9/22/2017	English	Standard on Protective Ensembles for First Responders to Hazardous Materials Emergencies and CBRN Terrorism Incidents	Active
			Standard on Protective Ensembles for First Responders to Hazardous Materials Emergencies and CBRN Terrorism Incidents - Effective Date: 08/21/2017	Active
NFPA 1994	1/1/2018	English		Active
NFPA 1999 AMD 2	8/17/2017	English	Standard on Protective Clothing Ensembles for Emergency Medical Operations - Effective Date: 09/06/2017	Active
NFPA 1999 AMD 1	8/17/2017	English	Standard on Protective Clothing Ensembles for Emergency Medical Operations - Effective Date: 09/06/2017	Active
NFPA 1999	1/1/2018	English	Standard on Protective Clothing and Ensembles for Emergency Medical Operations - Effective Date: 8/21/2017	Active
NFPA 2001	1/1/2018	English	Standard on Clean Agent Fire Extinguishing Systems - Effective Date: 11/30/2017	Active
NFPA 2001 SPANISH	1/1/2015	Spanish	Estándar sobre Sistemas de Extinción mediante Agentes Limpios - Effective Date: 12/1/2014	Active
NFPA 2010	1/1/2015	English	Standard for Fixed Aerosol Fire-Extinguishing Systems - Effective Date: 12/1/2014	Active
			Standard on Flame-Resistant Clothing for Protection of Industrial Personnel Against Short-Duration Thermal Exposures from Fire - Effective Date: 09/06/2017	Active
NFPA 2112	1/1/2018	English	Standard on Selection, Care, Use, and Maintenance of Flame-Resistant Garments for Protection of Industrial Personnel Against Short-Duration Thermal Exposures from Fire - Effective Date: 5/19/2014	Active
NFPA 2113	1/1/2015	English		Active
NFPA 5000	1/1/2018	English	Building Construction and Safety Code - Effective Date: 09/06/2017	Active
NFPA FPH	1/1/2008	English	Fire Protection Handbook - 20th Edition	Active
NFPA HAZ10	1/1/2010	English	Fire Protection Guide to Hazardous Materials	Active



DocumentNumber	Date	Title	Status
NFPA 1H	1/1/2015	Fire Code Handbook - Seventh Edition; Includes TIA 7/29/2015	Active
NFPA 3 & 4H	1/1/2015	Commissioning and Integrated System Testing Handbook	Active
NFPA 10H	1/1/2010	Standard for Portable Fire Extinguishers Handbook	Active
NFPA 13DRH	1/1/2016	Automatic Sprinkler Systems for Residential Occupancies Handbook - Fourth Edition	Active
		Automatic Sprinkler Systems Handbook - Thirteenth Edition; Includes Tentative Interim Amendment 8: December 1, 2016; Effective Date:	
NFPA 13H	1/1/2016	December 21, 2016	Active
NFPA 20H	1/1/2016	Stationary Fire Pumps Handbook - Fifth Edition; Incorporated Amendment: April 6, 2016	Active
NFPA 24H	1/1/2013	Standard for the Installation of Private Fire Service Mains and Their Appurtenances Handbook	Active
NFPA 25H	1/1/2017	ITM of Water-Based Fire Protection Systems - Fifth Edition	Active
NFPA 30H	1/1/2018	Flammable and Combustible Liquids Code Handbook - TENTH EDITION	Active
NFPA 52H	1/1/2013	Vehicular Gaseous Fuel Systems Code Handbook - Effective Date: 12/17/2012	Active
NFPA 54H	1/1/2018	National Fuel Gas Code Handbook - Tenth Edition	Active
NFPA 55H	1/1/2010	Compressed Gases and Cryogenic Fluids Code Handbook - Effective Date: 06/15/2009	Active
NFPA 58H	1/1/2017	LP-Gas Code Handbook - Eleventh Edition	Active
NFPA 70EH	1/1/2018	Handbook for Electrical Safety in the Workplace - Fifth Edition	Active
		National Electrical Code Handbook - Fourteenth Edition; Includes Tentative Interim Amendment 2: December 1, 2016; Effective Date: December	
NFPA 70H	1/1/2017	21, 2016	Active
NFPA 72H	1/1/2019	National Fire Alarm and Signaling Code Handbook - Ninth Edition	Active
NFPA 79H	1/1/2015	Electrical Standard for Industrial Machinery	Active
NFPA 80H	1/1/2016	Standard for Fire Doors and Other Opening Protectives Handbook - Third Edition; Effective Date: 06/15/2015	Active
NFPA 90AH	1/1/2015	Standard for the Installation of Air-Conditioning and Ventilating Systems Handbook	Active
NFPA 92H	1/1/2012	Standard for Smoke Control Systems	Active
NFPA 99H	1/1/2018	Health Care Facilities Code Handbook - Eleventh Edition	Active
NFPA 101AH	1/1/2013	Guide on Alternative Approaches to Life Safety Handbook - Effective Date: 6/18/2012	Active
NFPA 101H	1/1/2018	Life Safety Code Handbook - FOURTEENTH EDITION	Active
NFPA 110H	1/1/2013	Standard for Emergency and Standby Power Systems Handbook - Effective Date: 06/18/2012	Active
NFPA 110H	1/1/2010	Standard for Emergency and Standby Power Systems Handbook	Active
		Standard on Motion Picture and Television Production Studio Soundstages, Approved Production Facilities, and Production Locations Handbook -	
NFPA 140H	1/1/2013	Effective Date: 12/17/2012	Active
NFPA 220H	1/1/2012	Standard on Types of Building Construction Handbook	Active
NFPA 291H	1/1/2013	Recommended Practice for Fire Flow Testing and Marking of Hydrants Handbook - Effective Date: 6/18/2012	Active
NFPA 409H	1/1/2011	Standard on Aircraft Hangars Handbook	Active
NFPA 472H	1/1/2018	Hazardous Materials/Weapons of Mass Destruction Response Handbook - Seventh Edition	Active
NFPA 780H	1/1/2014	Standard for the Installation of Lightning Protection Systems Handbook	Active
NFPA 820H	1/1/2012	Standard for Fire Protection in Wastewater Treatment and Collection Facilities Handbook	Active
NFPA 1500H	1/1/2013	Standard on Fire Department Occupational Safety and Health Program Handbook	Active
NFPA 1584H	1/1/2008	Standard on the Rehabilitation Process for Members During Emergency Operations and Training Exercises Handbook	Active
NFPA 1600H	1/1/2016	Emergency Management and Continuity Programs Handbook - First Edition	Active
NFPA 1851H	1/1/2014	Standard on Selection, Care, and Maintenance of Protective Ensembles for Structural Fire Fighting and Proximity Fire Fighting Handbook	Active
NFPA 1911H	1/1/2012	Standard for the Inspection, Maintenance, Testing, and Retirement of In-Service Automotive Fire Apparatus Handbook	Active
NFPA 1971H	1/1/2013	Standard on Protective Ensembles for Structural Fire Fighting and Proximity Fire Fighting Handbook	Active
NFPA FPH	1/1/2008	Fire Protection Handbook - 20th Edition	Active
NFPA MGHB	1/1/2018	Medical Gas and Vacuum Systems Installation Handbook - Third Edition	Active

DocumentNumber	Date	Title	Status
NSF 2	4/2/2018	Food Equipment	Active
NSF 2-CHLORO-1	5/1/2005	2-CHLORO-1,4-BENZENEDIAMINE CAS # 615-66-7 ORAL RISK ASSESSMENT DOCUMENT	Active
NSF 3	4/11/2017	Commercial Warewashing Equipment	Active
NSF 3-A 14159-2	12/22/2014	Hygiene Requirements for the Design of Hand Held Tools Used in Meat and Poultry Processing	Active
NSF 3-A SSI 14159-1	12/22/2014	Hygiene Requirements for the Design of Meat and Poultry Processing Equipment	Active
NSF 3-A SSI 14159-3	12/22/2014	Hygiene requirements for the design of mechanical belt conveyors used in meat and poultry processing	Active
NSF 4	4/14/2016	Commercial Cooking, Rethermalization, and Powered Hot Food Holding and Transportation Equipment	Active
NSF 4-CHLORO-1,2	7/1/2006	4-CHLORO-1,2-BENZENEDIAMINE CAS # 95-83-0 ORAL RISK ASSESSMENT DOCUMENT	Active
NSF 4-CHLORO-1,3	7/1/2006	4-CHLORO-1,3-BENZENEDIAMINE CAS # 5131-60-2 ORAL RISK ASSESSMENT DOCUMENT	Active
NSF 5	1/28/2016	Water Heaters, Hot Water Supply Boilers, and Heat Recovery Equipment	Active
NSF 6	3/9/2016	Dispensing Freezers	Active
NSF 7	5/4/2016	Commercial Refrigerators and Freezers	Active
NSF 8	1/15/2018	Commercial Powered Food Preparation Equipment	Active
NSF 12	6/28/2017	Automatic Ice Making Equipment	Active
NSF 13	5/23/2017	Refuse Processors and Processing Systems	Active
NSF 14	7/19/2017	Plastics Piping System Components and Related Materials	Active
NSF 18	6/8/2016	Manual Food and Beverage Dispensing Equipment	Active
NSF 20	11/13/2016	Commercial Bulk Milk Dispensing Equipment	Active
NSF 21	3/4/2015	Thermoplastic refuse containers	Active
NSF 24	4/1/2016	Plumbing System Components for Recreational Vehicles	Active
NSF 25	5/1/2017	Vending Machines for Food and Beverages	Active
NSF 29	8/6/2017	Detergent and Chemical Feeders for Commercial Spray-Type Dishwashing Machines	Active
NSF 35	7/23/2017	High Pressure Decorative Laminates for Surfacing Food Service Equipment	Active
NSF 36	8/8/2012	Dinnerware	Active
NSF 37	6/1/2017	Air Curtain for Entranceways for Food and Food Service Establishments	Active
NSF 40	1/24/2018	Residential Wastewater Treatment Systems	Active
NSF 41	3/20/2016	Non-liquid Saturated Treatment Systems	Active
NSF 42	4/11/2017	Drinking Water Treatment Units - Aesthetic Effects	Active
NSF 44	6/13/2017	Residential Cation Exchange Water Softeners	Active
NSF 46	3/12/2017	Evaluation of Components and Devices Used in Wastewater Treatment Systems	Active
NSF 49	6/24/2016	Biosafety Cabinetry: Design, Construction, Performance, and Field Certification	Active
NSF 50	8/25/2017	Equipment and Chemicals for Swimming Pools, Spas, Hot Tubs and Other Recreational Water Facilities	Active
NSF 51	10/10/2017	Food Equipment Materials	Active
NSF 52	2/19/2017	Supplemental Flooring	Active
NSF 53	4/26/2017	Drinking Water Treatment Units - Health Effects	Active
NSF 55	6/13/2017	Ultraviolet Microbiological Water Treatment Systems	Active
NSF 58	6/13/2017	Reverse Osmosis Drinking Water Treatment Systems	Active
NSF 59	1/4/2017	Mobile Food Carts	Active

NSF 60	4/23/2017 Drinking Water Treatment Chemicals - Health Effects	Active
NSF 61	3/13/2017 Drinking Water System Components - Health Effects	Active
NSF 62	6/13/2017 Drinking Water Distillation Systems	Active
NSF 116	12/3/2001 Nonfood Compounds Used in Food Processing Facilities - Food-Grade Lubricants - Draft Standard for Trial use	Inactive
NSF 140	2/27/2015 Sustainability Assessment for Carpet	Active
NSF 169	12/11/2016 Special Purpose Food Equipment and Devices	Active
NSF 170	5/23/2017 Glossary of Food Equipment Terminology	Active
NSF 173	7/11/2017 Dietary Supplements	Active
NSF 177	12/11/2014 Shower filtration systems - Aesthetic effects	Active
NSF 184	11/12/2014 Residential Dishwashers	Active
NSF 222E	9/27/2006 Ozone generators	Active
	Conformity Assessment Requirements for Certification Bodies that Certify Products Pursuant to NSF/ANSI 60:	
NSF 223	6/7/2015 Drinking Water Treatment Chemicals - Health Effects	Active
NSF 240	1/21/2017 Drainfield Trench Product Sizing for Gravity Dispersal Onsite Wastewater Treatment and Dispersal Systems	Active
NSF 244	4/23/2018 Drinking Water Treatment Units - Supplemental Microbiological Water Treatment Systems - Filtration	Active
NSF 245	1/24/2018 Residential Wastewater Treatment Systems - Nitrogen Reduction	Active
NSF 305	8/8/2016 Personal Care Products Containing Organic Ingredients	Active
NSF 321	10/6/2016 Goldenseal Root ( <i>Hydrastis canadensis</i> )	Active
NSF 330	1/25/2018 Glossary of Drinking Water Treatment Unit Terminology	Active
NSF 332	1/26/2015 Sustainability Assessment for Resilient Floor Coverings	Active
NSF 336	2/7/2018 Sustainability Assessment for Commercial Furnishings Fabric	Active
NSF 342	5/27/2014 Sustainability Assessment for Wallcovering Products	Active
NSF 347A	12/31/2012 Sustainability Assessment for Single Ply Roofing Membranes	Active
NSF 350-1	12/24/2017 Onsite Residential and Commercial Greywater Treatment Systems for Subsurface Discharge	Active
NSF 350A	5/31/2017 Onsite Residential and Commercial Water Reuse Treatment Systems	Active
NSF 355	8/16/2011 Greener Chemicals and Processes Information	Active
NSF 358-1	1/2/2017 Polyethylene Pipe and Fittings for Water-Based Ground-Source "Geothermal" Heat Pump Systems	Active
NSF 358-2	12/18/2017 Polypropylene Pipe and Fittings for Water-Based Ground-Source "Geothermal" Heat Pump Systems	Active
	Cross-linked polyethylene (PEX) pipe and fittings for water-based ground-source (geothermal) heat pump	
NSF 358-3	6/15/2016 systems	Active
	Polyethylene of Raised Temperature (PE-RT) Tubing and Fittings for Water-Based Ground-Source (Geothermal)	
NSF 358-4	3/19/2018 Heat Pump Systems	Active
NSF 359	1/5/2018 Valves for Crosslinked Polyethylene (PEX) Water Distribution Tubing Systems	Active
NSF 360	10/27/2014 Wastewater Treatment Systems - Field Performance Verification	Active
NSF 363	7/7/2016 Good Manufacturing Practices (GMP) for Pharmaceutical Excipients	Active
NSF 372	3/25/2016 Drinking Water System Components - Lead Content	Active
NSF 375	4/1/2016 Sustainability Assessment for Water Contact Products	Active
NSF 401A	10/27/2017 Drinking Water Treatment Units - Emerging Compounds/Incidental Contaminants	Active
NSF 416	7/30/2017 Sustainability Assessment for Water Treatment Chemical Products	Active

NSF 418	4/2/2014	Residential Wastewater Effluent Filters Longevity Testing	Active
NSF 419	1/2/2015	Public Drinking Water Equipment Performance - Filtration	Active
NSF 426	8/7/2017	Environmental Leadership and Corporate Social Responsibility Assessment of Servers	Active
NSF 455-1	8/20/2018	Terminology for the NSF 455 Portfolio of Standards	Active
NSF 457	1/1/2017	Sustainability Leadership Standard for Photovoltaic Modules	Active
NSF ADIPIC ACID	11/1/2006	ADIPIC ACID CAS # 124-04-9 ORAL RISK ASSESSMENT DOCUMENT	Active
NSF ANSI/ISO 14020	8/3/2001	Environmental Labels and Declarations - General Principles - Send direct to NSF AT 1-800-699-9277 Environmental Labels and Declarations - Self-Declared Environmental Claims (Type II Environmental Labelling -	Active
NSF ANSI/ISO 14021	8/3/2001	Send direct to NSF AT 1-800-699-9277 Environmental Labels and Declarations - Type I Environmental Labelling - Principles and Procedures - Send direct	Active
NSF ANSI/ISO 14024	8/3/2001	to NSF AT 1-800-699-9277	Active
NSF BIO	6/28/2001	Biohazard Cabinetry Class II Cabinet Certification Field Certifier Accreditation	Inactive
NSF BUTYROLACTONE	6/1/2003	“Butyrolactone” 06/03 “BUTYROLACTONE CAS # 96-48-0 ORAL RISK ASSESSMENT DOCUMENT	Active
NSF DI-TERT-BUTYL	1/1/2003	di-tert-BUTYL PEROXIDE CAS # 110-05-4 ORAL RISK ASSESSMENT DOCUMENT	Active
NSF DODECANEDIOIC ACID	11/1/2006	DODECANEDIOIC ACID CAS # 693-23-2 ORAL RISK ASSESSMENT DOCUMENT	Active
NSF DRI	11/5/2001	Drinking Water Treatment Chemicals and System Components - Health Effects	Inactive
NSF ETHYLENEDIAMINE	5/1/2007	ETHYLENEDIAMINE CAS # 107-15-3 ORAL RISK ASSESSMENT DOCUMENT	Active
NSF FOOD	4/15/2002	Food Equipment and Related Products, Components and Materials	Inactive
NSF FURFURAL	1/1/2004	FURFURAL CAS # 98-01-1 ORAL RISK ASSESSMENT DOCUMENT	Active
NSF HACCP	6/20/2002	Application of ISO 9000 and HACCP Requirements to Global Food and Beverage Industries	Active
NSF HEXAMETHYLENEDIAMINE	6/1/2006	HEXAMETHYLENEDIAMINE CAS # 124-09-4 ORAL RISK ASSESSMENT DOCUMENT	Active
NSF INSTALLATION MANUAL	7/1/1968	Installation Manual for Food Service Equipment	Inactive
NSF IODINE	12/1/2002	IODINE CAS # 7553-56-2 ORAL RISK ASSESSMENT DOCUMENT	Active
NSF MIAK	1/1/2004	METHYL ISOAMYL KETONE CAS # 110-12-3 ORAL RISK ASSESSMENT DOCUMENT	Active
NSF MIBK	5/1/2007	METHYL ISOBUTYL KETONE CAS # 108-10-1 ORAL RISK ASSESSMENT DOCUMENT High Viscosity, Class I Medium and Low Viscosity, Class II Medium and Low Viscosity, and Class III Medium and	Active
NSF MINERAL OIL	9/1/2004	Low Viscosity (per the World Health Organization classification) ORAL RISK ASSESSMENT DOCUMENT	Active
NSF N-BUTYL ACETATE	1/1/2003	n-BUTYL ACETATE CAS # 123-86-4 ORAL RISK ASSESSMENT DOCUMENT	Active
NSF P148	1/30/1995	Cloth Towel Dispenser Systems	Active
NSF P149	5/7/1997	Oven Mitts Used in Commercial Food Service	Active
NSF P151	4/28/2014	Health Effects from Rainwater Catchment System Components	Active
NSF P152	6/27/1994	Health Effects and Corrosivity of Commercial Espresso Machine Chemical Cleaners	Active
NSF P153	9/30/1997	Sanitization and Cleaning Performance of Household Spray-Type Dishwashers	Active
NSF P154	8/14/2000	Sanitization Performance of Residential Clothes Dryers	Active
NSF P155	10/1/2005	Disposable Food Contact Gloves	Active
NSF P156	9/18/2002	Commercial Coffee Equipment Cleaners Health and Performance	Active
NSF P157	4/28/2000	Electrical Incinerating Toilets - Health and Sanitation	Active
NSF P171	9/10/1999	Chlorine Resistance of Plastic Piping Materials	Active
NSF P172	8/1/2006	Sanitization Performance of Residential and Commercial, Family-Sized Clothes Washers	Active

NSF P181	1/1/2004 Residential Portable Electrical Spas	Active
NSF P182	5/1/2001 Pipeless Hydrotherapy Jets	Active
NSF P231	2/1/2003 Microbiological Water Purifiers	Active
NSF P235	4/29/2003 Temperature Mimicking Sensors	Active
NSF P335	4/1/2007 Hygienic Commercial Hand Dryers	Active
NSF P453	1/1/2017 Cooling Tower Water Systems - Treatment, Operation, and Maintenance to Prevent Legionellosis	Active
NSF PCMC	12/1/2002 p-CHLORO-m-CRESOL CAS # 59-50-7 ORAL RISK ASSESSMENT DOCUMENT	Active
NSF PIPE	3/19/2002 Plumbing and Related Products	Inactive
NSF T-BUTANOL	6/1/2003 t-BUTANOL CAS # 75-65-0 ORAL RISK ASSESSMENT DOCUMENT	Active
NSF TITANIUM	5/1/2005 TITANIUM (CAS # 7440-32-6) and TITANIUM DIOXIDE (CAS # 13463-67-7) ORAL RISK ASSESSMENT DOCUMENT	Active

DocumentNumber	Date	Title	Status
SSPC A BOOK	9/1/1993	Good Painting Practice Steel Structures Painting Manual Volume 1	Active
SSPC AB 1	1/12/2015	Mineral and Slag Abrasives	Active
SSPC AB 2	3/2/2015	Cleanliness of Recycled Ferrous Metallic Abrasives	Active
SSPC AB 3	2/1/2003	Ferrous Metallic Abrasive	Active
SSPC AB 4	9/1/2009	Recyclable Encapsulated Abrasive Media (in a compressible cellular matrix)	Active
SSPC ACS 1	1/1/2008	Industrial Coating and Lining Application Specialist Qualification and Certification	Active
SSPC AMBIENT CONDITIONS	11/1/2004	MONITORING AND CONTROLLING AMBIENT CONDITIONS DURING COATING OPERATIONS	Active
SSPC CHAPTER 1	11/1/2004	HOW TO USE SSPC STANDARDS, SPECIFICATIONS, AND GUIDES	Active
		Specification for the Application of Thermal Spray Coatings (Metallizing) of Aluminum, Zinc, and Their Alloys and Composites for the	
SSPC CS 23.00	7/1/2003	Corrosion Protection of Steel - NACE No.12; AWS C2.23M/C2.23	Active
SSPC GUIDE 6	5/4/2015	GUIDE FOR CONTAINING SURFACE PREPARATION DEBRIS GENERATED DURING PAINT REMOVAL OPERATIONS	Active
SSPC GUIDE 7	7/9/2015	GUIDE TO THE DISPOSAL OF LEAD-CONTAMINATED SURFACE PREPARATION DEBRIS	Active
SSPC GUIDE 9	7/1/1994	Guide for Atmospheric Testing of Coatings in the Field	Active
SSPC GUIDE 10	8/1/1994	Guide to Specifying Coatings Conforming to Volatile Organic Compound (VOC) Content Requirements	Active
SSPC GUIDE 12	6/1/1998	Guide for Illumination of Industrial Painting Projects	Active
SSPC GUIDE 13	12/1/1998	Guide for the Identification and Use of Industrial Coating Materials in Computerized Product Databases	Active
SSPC GUIDE 14	5/1/1999	Guide for the Repair of Imperfections in Galvanized, Organic, or Inorganic Zinc-Coated Steel Using Organic Zinc-Rich Coatings	Active
SSPC GUIDE 15	8/21/2013	Field Methods for Extraction and Analysis of Soluble Salts on Steel and Other Nonporous Substrates	Active
SSPC GUIDE 16	8/1/2003	Guide to Specifying and Selecting Dust Collectors	Active
SSPC GUIDE 17	1/1/2004	Guide to Developing a Corporate Safety Program for Industrial Painting and Coating Contractors	Active
SSPC GUIDE 18	2/1/2008	Specifier's Guide for Determining Containment Class and Environmental Monitoring Strategies for Lead-Paint Removal Projects	Active
SSPC GUIDE 20	5/5/2014	Guide for Applying Thick Film Coatings and Surfacing Over Concrete Floors	Active
SSPC GUIDE 21	5/4/2015	Guide to Evaluation of Slip and Fall Resistance of Flooring Surfaces	Active
SSPC ME 1	5/1/1997	Uncontaminated Rusted Steel - Editorial Revisions November 1, 2004	Active
SSPC PA 1	6/1/2016	SHOP, FIELD, AND MAINTENANCE COATING OF METALS	Active
SSPC PA 2	1/26/2015	Procedure for Determining Conformance to Dry Coating Thickness Requirements	Active
SSPC PA 6	2/1/2002	Fiberglass-Reinforced Plastic (FRP) Linings Applied to Bottoms of Carbon Steel Aboveground Storage Tanks - NACE NO. 10	Active
SSPC PA 7	7/1/2002	APPLYING THIN FILM COATINGS TO CONCRETE	Active
SSPC PA 8	3/15/2003	Thin-Film Organic Linings Applied in New Carbon Steel Process Vessels - NACE NO. 10	Active
SSPC PA 9	7/20/2015	Measurement of Dry Coating Thickness Using Ultrasonic Gages	Active
SSPC PA 14	9/25/2012	Application of Thick Film Polyurea and Polyurethane Coatings to Concrete and Steel Using Plural-Component Equipment	Active
SSPC PA 15	3/11/2013	Material and Preparation Requirements for Steel Test Panels Used to Evaluate the Performance of Industrial Coatings	Active
SSPC PA 16	9/25/2012	Method for Evaluating Scribe Undercutting on Coated Steel Test Panels Following Corrosion Testing	Active
SSPC PA 17	9/25/2012	Procedure for Determining Conformance to Steel Profile/Surface Roughness/Peak Count Requirements	Active
SSPC PA COM	11/1/2004	Commentary on Paint Application	Active
SSPC PA GUIDE 4	11/1/1982	Guide to Maintenance Repainting with Oil Base or Alkyd Painting Systems	Active
SSPC PA GUIDE 5	9/1/2002	Guide to Maintenance Coating of Steel Structures in Atmospheric Service - Editorial Revisions November 1, 2004	Active
SSPC PA GUIDE 9	2/1/2008	Measurement of Dry Coating Thickness on Cementitious Substrates Using Ultrasonic Gages	Active
SSPC PA GUIDE 10	8/1/2008	Guide to Safety and Health Requirements for Industrial Painting Projects	Active
SSPC PA GUIDE 11	8/1/2008	Protecting Edges, Crevices, and Irregular Steel Surfaces by Stripe Coating	Active
SSPC PA GUIDE 13	1/1/2006	Guide for Application of Coating Systems With Zinc-Rich Primers to Steel Bridges	Active
SSPC PAINT 16	11/1/2006	Coal Tar Epoxy Polyamide, Black (or Dark Red) Coating	Active

SSPC PAINT 20	4/1/2002 Zinc-Rich Coating Type I Inorganic and Type II Organic	Active
SSPC PAINT 23	11/1/1982 Latex Primer for Steel Surfaces	Active
SSPC PAINT 24	11/1/1982 Latex Semigloss Exterior Topcoat - Editorial Changes 11/1/2004	Active
SSPC PAINT 27	11/1/1982 Basic Zinc Chromate-Vinyl Butyral Wash Primer	Active
SSPC PAINT 28	8/1/1991 Water-Borne Epoxy Primer for Steel Surfaces	Active
SSPC PAINT 29	4/1/2002 Zinc Dust Sacrificial Primer, Performance-Based	Active
SSPC PAINT 30	4/1/2002 Weld-Through Inorganic Zinc Primer	Active
SSPC PAINT 32	11/1/2006 Coal Tar Emulsion Coating	Active
SSPC PAINT 33	11/1/2006 Coal Tar Mastic Coating, Cold-Applied	Active
SSPC PAINT 34	5/1/1996 Water-Borne Epoxy Topcoat for Steel Surfaces	Active
SSPC PAINT 36	4/1/2006 Two-Component Weatherable Aliphatic Polyurethane Topcoat, Performance-Based	Active
SSPC PAINT 38	4/1/2006 Single-Component Moisture-Cure Weatherable Aliphatic Polyurethane Topcoat, Performance-Based	Active
SSPC PAINT 39	4/1/2004 Two-Component Aliphatic Polyurea Topcoat Fast or Moderate Drying, Performance-Based	Active
SSPC PAINT 40	4/1/2007 Zinc-Rich Moisture-Cure Polyurethane Primer, Performance-Based	Active
SSPC PAINT 41	2/1/2008 Moisture-Cured Polyurethane Primer or Intermediate Coat, Micaceous Iron Oxide Reinforced, Performance-Based	Active
SSPC PAINT 42	10/19/2015 EPOXY POLYAMIDE/POLYAMIDOAMINE PRIMER, PERFORMANCE-BASED	Active
SSPC PAINT 45	12/16/2013 Two-Component, Thick-Film Polyurea and Polyurea/Polyurethane Hybrid Coatings, Performance-Based	Active
SSPC PAINT 101	11/1/1982 Aluminum Alkyd Paint Leafing (Type I) and Non-Leafing (Type II)	Active
SSPC PAINT 104	11/1/1982 White or Tinted Alkyd Paint - Editorial Changes 11/1/2004	Active
SSPC PAINT COM	11/1/2004 Commentary on Paint Specifications	Active
SSPC PS 1.10	11/1/1982 Four-Coat Oil Base Zinc Oxide Painting System (Without Lead or Chromate Pigment) - Editorial Revisions November 1, 2004	Active
SSPC PS 9.01	11/1/1982 Cold-Applied Asphalt Mastic Painting System with Extra-Thick Film - Editorial Revisions November 1, 2004	Active
SSPC PS 10.01	11/1/1982 Hot-Applied Coal Tar Enamel Painting System	Active
SSPC PS 10.02	11/1/1982 Cold-Applied Coal Tar Mastic Painting System	Active
SSPC PS 11.01	11/1/1982 Black (or Dark Red) Coal Tar Epoxy Polyamide Painting System - Editorial Revisions November 1, 2004	Active
SSPC PS 15.02	3/1/1985 Chlorinated Rubber Painting System for Fresh Water Immersion - Editorial Revisions November 1, 2004	Active
SSPC PS 24.00	8/1/1991 Latex Painting System for Industrial and Marine Atmospheres, Performance-Based - Editorial Revisions November 1, 2004 Aluminum Pigmented Epoxy Coating System Materials Specification, Performance-Based Type I, for Use Over Blast Cleaned Steel Type II, for Use Over Hand Cleaned Steel - Editorial Revisions November 1, 2004	Active
SSPC PS 26.00	6/1/2000 II, for Use Over Hand Cleaned Steel - Editorial Revisions November 1, 2004	Active
SSPC PS 27.00	6/1/2000 Alkyd Coating System Materials Specification, Performance-Based - Editorial Revisions November 1, 2004	Active
SSPC PS 28.01	4/1/2009 Two-Coat Zinc-Rich Polyurethane Primer/Aliphatic Polyurea Topcoat System, Performance-Based	Active
SSPC PS 28.02	6/1/2010 Three-Coat Moisture-Cured Polyurethane Coating System, Performance-Based	Active
SSPC PS COM	11/1/2004 Commentary on Painting Systems	Active
SSPC PS GUIDE 7.00	11/1/1982 Guide for Selecting One-Coat Shop Painting Systems - Editorial Revisions November 1, 2004	Active
SSPC PS GUIDE 8.00	4/1/2002 Guide to Topcoating Zinc-Rich Primers - Editorial Revisions November 1, 2004	Active
SSPC PS GUIDE 12.00	3/1/2007 Guide to Zinc-Rich Coating Systems	Active
SSPC PS GUIDE 15.00	11/1/1982 Guide for Selecting Chlorinated Rubber Painting Systems - Editorial Revisions November 1, 2004	Active
SSPC PS GUIDE 17.00	11/1/1982 Guide for Selecting Urethane Painting Systems - Editorial Revisions November 1, 2004 Standard Procedure for Evaluating the Qualifications of Industrial/Marine Painting Contractors (Field Application to Complex Industrial	Active
SSPC QP 1	3/1/2012 Steel Structures and Other Metal Components)	Active
SSPC QP 2	9/1/2009 Standard for Evaluating Painting Contractors (Removal of Hazardous Coatings from Industrial/Marine Structures)	Active
SSPC QP 3	9/23/2010 Certification Standard for Shop Application of Complex Protective Coating Systems	Active
SSPC QP 4	5/1/1997 Standard Procedure for Evaluating the Qualifications of Contractors Disturbing Hazardous Coatings During Demolition and Repair Work	Active

SSPC QP 5	7/16/2012 Standard Procedure for Evaluating Qualifications of Coating and Lining Inspection Companies	Active
	Standard Procedure for Evaluating the Qualifications of Contractors Who Apply Thermal Spray (Metallizing) for Corrosion Protection of	
SSPC QP 6	7/1/2004 Steel and Concrete Structures	Active
SSPC QP 7	5/1/2003 Procedure for Evaluating Painting Contractors With Limited Industrial Work Experience	Active
	Standard Procedure for Evaluating the Qualifications of Contracting Firms That Install Polymer Coatings and Surfacing on Concrete and	
SSPC QP 8	7/1/2003 Other Cementitious Substrates	Active
SSPC QP 9	8/1/2008 Standard for Evaluating Qualifications of Painting Contractors Who Apply Architectural Paints and Coatings	Active
SSPC QP COM	7/17/2015 COMMENTARY ON QUALIFICATION PROCEDURES	Active
SSPC QS 1	3/2/2015 Standard Procedure for Evaluating a Coating Contractor's Advanced Quality Management System	Active
SSPC SP 1	4/23/2015 Solvent Cleaning	Active
SSPC SP 2	1/3/2018 Hand Tool Cleaning	Active
SSPC SP 3	1/3/2018 Power Tool Cleaning	Active
SSPC SP 5	1/1/2007 White Metal Blast Cleaning	Active
SSPC SP 6	1/1/2007 Commercial Blast Cleaning	Active
SSPC SP 7	1/1/2007 Brush-off Blast Cleaning - NACE No. 4	Active
SSPC SP 8	11/1/1982 Pickling	Active
SSPC SP 10	1/1/2007 Near-White Metal Blast Cleaning	Active
SSPC SP 11	7/19/2012 Power-Tool Cleaning to Bare Metal	Active
SSPC SP 13	1/1/1997 Surface Preparation of Concrete - NACE No. 6-1997	Active
SSPC SP 14	1/1/2007 Industrial Blast Cleaning	Active
SSPC SP 15	7/19/2012 Commercial Grade Power-Tool Cleaning	Active
SSPC SP 16	4/1/2010 Brush-Off Blast Cleaning of Coated and Uncoated Galvanized Steel, Stainless Steels, and Non-Ferrous Metals	Active
SSPC SP COM	7/15/2016 Surface Preparation Commentary for Steel and Concrete Substrates	Active
SSPC SYSTEM	1/1/2000 Systems and Specifications Steel Structures Painting Manual Volume 2 - Eighth Edition	Active
SSPC SYSTEM BOOK	1/1/2000 Systems and Specifications Steel Structures Painting Manual Volume 2	Active
SSPC TR 1	10/1/1994 Thermal Pre-Cleaning - NACE 6G194; Editorial Revisions November 1, 2004	Active
SSPC TR 2	5/1/1998 Wet Abrasive Blast Cleaning - NACE 6G198	Active
	Dehumidification and Temperature Control During Surface Preparation, Application, and Curing for Coatings/Linings of Steel Tanks,	
SSPC TR 3	12/1/2000 Vessels, and Other Enclosed Areas - NACE 6A192 (2000 Revision)	Active
SSPC TR 4	12/1/2000 Preparation of Protective Coating Specifications for Atmospheric Service - NACE 80200	Active
SSPC TR 5	11/1/2003 Design, Installation, and Maintenance of Protective Polymer Flooring Systems for Concrete - NACE 02203	Active
SSPC TU 1	7/1/1995 Surface Tolerant Coatings for Steel	Active
	Informational Report and Technology Update - Design, Installation, and Maintenance of Coating Systems for Concrete Used in	
SSPC TU 2	2/1/1997 Secondary Containment - NACE 6G197	Active
SSPC TU 3	5/1/1997 Overcoating	Active
SSPC TU 5	5/1/1999 Accelerated Testing of Industrial Protective Coatings	Active
SSPC TU 6	5/1/1999 Chemical Stripping of Organic Coatings from Steel Structures	Active
SSPC TU 7	5/4/2015 CONDUCTING AMBIENT AIR, SOIL, AND WATER SAMPLING OF SURFACE PREPARATION AND PAINT DISTURBANCE ACTIVITIES	Active
SSPC TU 8	2/1/2001 The Use of Isocyanate-Containing Paints as Industrial Maintenance Coatings	Active
SSPC TU 9	3/1/2001 Estimating Costs for Protective Coatings Projects - Editorial Revisions November 1, 2004	Active
SSPC TU 11	12/1/2010 Inspection of Fluorescent Coating Systems	Active
SSPC TU 12	5/4/2015 Ambient-Curing Fluoropolymer Finish Coats Applied to Metal Substrates	Active
SSPC VIS 1	6/1/2002 Guide and Reference Photographs for Steel Surfaces Prepared by Dry Abrasive Blast Cleaning - TEXT ONLY	Active



SSPC VIS 2	6/1/2000 Standard Method of Evaluating Degree of Rusting on Painted Steel Surfaces - Editorial Revisions November 1, 2004; Text Only	Active
SSPC VIS 3	7/1/2004 Guide and Reference Photographs for Steel Surfaces Prepared by Power- and Hand-Tool Cleaning - Text Only	Active
SSPC VIS 4	6/1/2002 Guide and Reference Photographs for Steel Surfaces Prepared by Waterjetting - NACE VIS 7; Text Only	Active
SSPC VIS 5	6/1/2001 Guide and Reference Photographs for Steel Surfaces Prepared by Wet Abrasive Blast Cleaning - NACE VIS 9; Text Only	Active

## APPENDIX E: TECHSTREET QUOTES AND PROPOSED STANDARDS PACKAGE

Techstreet Quotes  
 Nationwide suscription  
 and Single Area Office  
 1 and 2 simultaneous users

Jan. 2020

Whole Agency - All Locations			
License	12 Month Subscription Cost 1 Simltaneous User	Simultaneous access to a standard	Cost for 2 simultaneous users
AASHTO	\$2,566.00	Unlimited	\$2,566.00
ACI	\$1,264.00	1	\$1,294.00
ASHRAE	\$577.00	Unlimited	\$577.00
ASM	\$58.00	Unlimited	\$58.00
ASME	\$4,801.00	1	\$5,086.00
ASSE	\$260.00	Unlimited	\$260.00
ASTM	\$8,565.00	Unlimited	\$8,565.00
AWWA	\$6,228.00	Unlimited	\$6,228.00
IAPMO	\$623.00	Unlimited	\$623.00
ICC	\$272.00	1	\$653.00
IEEE	\$4,050.00	Unlimited	\$4,050.00
ISEA	\$768.00	Unlimited	\$768.00
NEMA	\$227.00	1	\$227.00
NFPA (Fire)	\$2,893.00	1	\$6,954.00
NSF	\$2,201.00	Unlimited	\$2,201.00
SSPC	\$1,098.00	Unlimited	\$1,098.00
UL	\$4,645.00	1	\$4,645.00
<b>Total</b>	<b>\$41,096.00</b>		<b>\$45,853.00</b>

Locations
Aberdeen, SD
Albuquerque, NM
Anchorage, AK
Bemidji, MN
Billings, MT
Nashville, TN
Oklahoma City, OK
Phoenix, AZ
Portland, OR
Sacramento, CA
Tucson, AZ
Window Rock, AZ

AWS Single licenses	Cost
AWS D10.12M/D10.12:200	\$68
AWS D1.1/D1.1M:2015	\$576

1 Area Office with associated District and Field Offices		
License	12 Month Subscription, 1 Simultaneous User	Simultaneous access to a standard
AASHTO	\$1,245.27	Unlimited
ACI	\$302.82	1
ASHRAE	\$236.90	Unlimited
ASM	\$28.84	Unlimited
ASME	\$1,026.91	1
ASSE	\$124.63	Unlimited
ASTM	\$2,366.94	Unlimited
AWWA	\$1,949.79	Unlimited
IAPMO	\$298.70	Unlimited
ICC	\$280.16	1
IEEE	\$772.50	Unlimited
ISEA	\$368.74	Unlimited
NEMA	\$109.18	1
NFPA (Fire)	\$1,986.87	1
NSF	\$1,055.75	Unlimited
SSPC	\$527.36	Unlimited
UL	\$3,218.75	1
<b>Total</b>	<b>\$15,900.11</b>	

**AASHTO Products:**

<b>Doc No:</b>	<b>Title:</b>
AASHTO M 145-91 (2017)	Standard Specification for Classification of Soils and Soil-Aggregate Mixtures for Highway Construction Purposes
AASHTO M 154M/M154-12 (2016)	Standard Specification for Air-Entraining Admixtures for Concrete (ASTM Designation C260/C260M-10a)
AASHTO M 157-13 (2017)	Standard Specification for Ready-Mixed Concrete
AASHTO M 182-05 (2017)	Standard Specification for Burlap Cloth Made from Jute or Kenaf and Cotton Mats
AASHTO M 194M/M 194-13 (2017)	Standard Specification for Chemical Admixtures for Concrete (ASTM C494/C494M-11)
AASHTO M 218-03 (2016)	Standard Specification for Steel Sheet, Zinc-Coated (Galvanized), for Corrugated Steel Pipe
AASHTO M 274-87 (2017)	Standard Specification for Steel Sheet, Aluminum-Coated (Type 2), for Corrugated Steel Pipe
AASHTO M 288-15	Standard Specification for Geotextile Specification for Highway Applications
AASHTO M 288-17	Standard Specification for Geotextile Specification for Highway Applications
AASHTO M 289-91 (2017)	Standard Specification for Aluminum-Zinc Alloy Coated Sheet Steel for Corrugated Steel Pipe
AASHTO M 307-13 (2017)	Standard Specification for Silica Fume Used in Cementitious Mixtures (ASTM Designation: C 1240-11)
AASHTO M 36-16	Standard Specification for Corrugated Steel Pipe, Metallic-Coated, for Sewers and Drains (ASTM Designation: A760/A760M-01a)
AASHTO M 43-05 (2013)	Standard Specification for Sizes of Aggregate for Road and Bridge Construction (ASTM D448-12)
AASHTO M 6-13	Standard Specification for Fine Aggregate for Hydraulic Cement Concrete
AASHTO T 11-05 (2013)	Standard Method of Test for Materials Finer Than 75-micro m (No. 200) Sieve in Mineral Aggregates by Washing (ASTM C 117-13)
AASHTO T 180-17	Standard Method of Test for Moisture-Density Relations of Soils Using a 4.54-kg (10-lb) Rammer and a 457-mm (18-in.) Drop
AASHTO T 27-14	Standard Method of Test for Sieve Analysis of Fine and Coarse Aggregates (ASTM Designation C 136-06)
AASHTO T 99-17	Standard Method of Test for Moisture-Density Relations of Soils Using a 2.5-kg (5.5-lb) Rammer and a 305-mm (12-in.) Drop

**ACI Products:****Doc No:**

ACI 318-14

ACI 423.7-14

**Title:**

Building Code Requirements for Structural Concrete &amp; Commentary (318R-14)

Specification for Unbonded Single-Strand Tendon Materials and Commentary

**ASHRAE Products:****Doc No:**

ANSI/ASHRAE 55-2017

ANSI/ASHRAE 62.1-2016

**Title:**Standard 55-2017 -- Thermal Environmental Conditions for Human Occupancy  
(ANSI/ASHRAE Approved)Standard 62.1-2016 -- Ventilation for Acceptable Indoor Air Quality (ANSI  
Approved)**ASM Products:****Doc No:**

ASM SA-240

**Title:**

ESC-VAGS - Shock Resistant Alloy Steel

**ASME Products:****Doc No:**

ANSI/ASME B16.1-2015

ASME Building Blocks

**Title:**

Gray Iron Pipe Flanges and Flanged Fittings: Classes 25, 125, and 250

10 Documents to add at any time during the 12 month subscription

**ASSE Products:****Doc No:**

ANSI/ASSE Z117.1-2016

**Title:**

Safety Requirements for Confined Spaces

**ASTM Products:****Doc No:**

ASTM A126-04(2014)

ASTM A159-83(2015)

ASTM A185/A185M-07

ASTM A240/A240M-17

ASTM A252-10

**Title:**

Standard Specification for Gray Iron Castings for Valves, Flanges, and Pipe

Standard Specification for Automotive Gray Iron Castings

Standard Specification for Steel Welded Wire Reinforcement, Plain, for Concrete  
(Withdrawn 2013)Standard Specification for Chromium and Chromium-Nickel Stainless Steel Plate,  
Sheet, and Strip for Pressure Vessels and for General Applications

Standard Specification for Welded and Seamless Steel Pipe Piles

ASTM A351/A351M-16	Standard Specification for Castings, Austenitic, for Pressure-Containing Parts
ASTM A53/A53M-12	Standard Specification for Pipe, Steel, Black and Hot-Dipped, Zinc-Coated, Welded and Seamless
ASTM A615/A615M-16	Standard Specification for Deformed and Plain Carbon-Steel Bars for Concrete Reinforcement
ASTM C1396/C1396M-17	Standard Specification for Gypsum Board
ASTM D1248-16	Standard Specification for Polyethylene Plastics Extrusion Materials for Wire and Cable
ASTM D1784-11	Standard Specification for Rigid Poly(Vinyl Chloride) (PVC) Compounds and Chlorinated Poly(Vinyl Chloride) (CPVC) Compounds
ASTM D3350-14	Standard Specification for Polyethylene Plastics Pipe and Fittings Materials
ASTM D714-02(2009)	Standard Test Method for Evaluating Degree of Blistering of Paints
ASTM D746-14	Standard Test Method for Brittleness Temperature of Plastics and Elastomers by Impact

#### **ASTM Product Sets:**

#### **Volume 08.04 - Plastic Pipe and Building Products**

#### **AWWA Products:**

<b>Doc No:</b>	<b>Title:</b>
ANSI/AWWA A100-15	Water Wells
ANSI/AWWA C104/A21.4-16	Cement Mortar Lining for Ductile-Iron Pipe and Fittings for Water
ANSI/AWWA C105/A21.5-10	Polyethylene Encasement for Ductile-Iron Pipe Systems
ANSI/AWWA C111/A21.11-17	Rubber-Gasket Joints for Ductile-Iron Pressure Pipe and Fittings
ANSI/AWWA C151/A21.51-17	Ductile-Iron Pipe, Centrifugally Cast, for Water
ANSI/AWWA C504-15	Rubber-Seated Butterfly Valves
ANSI/AWWA C507-15	Ball Valves, 6 In. Through 48 In. (150 mm Through 1,500 mm)
ANSI/AWWA C509-15	Resilient-Seated Gate Valves for Water-Supply Service
ANSI/AWWA C600-17	Installation of Ductile-Iron Water Mains and Their Appurtenances
ANSI/AWWA C605-13	Underground Installation of Polyvinyl Chloride (PVC) Pressure Pipe and Fittings for Water
ANSI/AWWA C606-15	Grooved and Shouldered Joints
ANSI/AWWA C651-14	Disinfecting Water Mains
AWWA C652-11	Disinfection of Water-Storage Facilities
ANSI/AWWA C700-15	Cold-Water Meters -- Displacement Type, Metal Alloy Main Case

ANSI/AWWA C708-15  
AWWA C800-14

ANSI/AWWA C900-16

ANSI/AWWA C901-17  
ANSI/AWWA D100-11

Cold-Water Meters - Multijet Type  
Underground Service Line Valves and Fittings  
Polyvinyl Chloride (PVC) Pressure Pipe and Fabricated Fittings, 4 In. Through 60 In. (100 mm Through 1,500 mm)  
Polyethylene (PE) Pressure Pipe and Tubing, 1/2 In. (13 mm) Through 3 In. (76 mm), for Water Service  
Welded Steel Tanks for Water Storage

**IAPMO Products:**

**Doc No:**

ANSI/IAPMO UMC 1-2018  
ANSI/IAPMO UPC 1-2018  
ANSI/IAPMO USEC 1-2012

**Title:**

2018 Uniform Mechanical Code  
2018 Uniform Plumbing Code  
2012 Uniform Solar Energy Code

**ICC Products:**

**Doc No:**

ICC IBC-2015 Commentary Combo

**Title:**

2015 International Building Code and Commentary Combo

**IEEE Building Block**

**5 Documents to add at any time during the 12 month subscription**

**ISEA Product Sets:**

ISEA Product Set

**NEMA Products:**

**Doc No:**

NEMA ICS 7.1-2006

**Title:**

Safety Standards for Construction and Guide for Selection, Installation and Operation of Adjustable-Speed Drive Systems

**NFPA (Fire) Product Sets:**

NFPA (Fire) Codes and Handbooks

**NSF Building Block**

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**SSPC Product Sets:**

SSPC Painting Manual Set Volume 2

**UL Products:**

**Doc No:**

UL 1741

UL 508

**Title:**

Standard for Inverters, Converters, Controllers and Interconnection System  
Equipment for Use With Distributed Energy Resources

Industrial Control Equipment

**AWS:**

AWS D10.12M/D10.12:2000

ANSI/AWS D1.1/D1.1M 2015

Guide for Welding Mild Steel Pipe

Structural Steel Welding Codebook



## ASTM Package

<u>Doc Number</u>	<u>Title</u>
ASTM F2331-11(2016)	Standard Test Method for Determining Chemical Compatibility of Substances in Contact with Thermoplastic Pipe and Fittings Materials
ASTM F2263-14	Standard Test Method for Evaluating the Oxidative Resistance of Polyethylene (PE) Pipe to Chlorinated Water
ASTM F2994-13	Standard Practice for Utilization of Mobile, Automated Cured-In-Place Pipe (CIPP) Impregnation Systems
ASTM F480-14	Standard Specification for Thermoplastic Well Casing Pipe and Couplings Made in Standard Dimension Ratios (SDR), SCH 40 and SCH 80
ASTM F1807-17	Standard Specification for Metal Insert Fittings Utilizing a Copper Crimp Ring for SDR9 Cross-linked Polyethylene (PEX) Tubing and SDR9 Polyethylene of Raised Temperature (PE-RT) Tubing
ASTM F1417-11a(2015)	Standard Practice for Installation Acceptance of Plastic Non-pressure Sewer Lines Using Low-Pressure Air
ASTM F1960-15	Standard Specification for Cold Expansion Fittings with PEX Reinforcing Rings for Use with Cross-linked Polyethylene (PEX) Tubing
ASTM F2880-14	Standard Specification for Lap-Joint Type Flange Adapters for Polyethylene Pressure Pipe in Nominal Pipe Sizes $\frac{3}{4}$ in. to 65 in.
ASTM D2661-14e1	Standard Specification for Acrylonitrile-Butadiene-Styrene (ABS) Schedule 40 Plastic Drain, Waste, and Vent Pipe and Fittings
ASTM F2561-17	Standard Practice for Rehabilitation of a Sewer Service Lateral and Its Connection to the Main Using a One Piece Main and Lateral Cured-in-Place Liner
ASTM F948-94(2011)	Standard Test Method for Time-to-Failure of Plastic Piping Systems and Components Under Constant Internal Pressure With Flow (Withdrawn 2018)
ASTM D3311-17	Standard Specification for Drain, Waste, and Vent (DWV) Plastic Fittings Patterns
ASTM F2764/F2764M-17e1	Standard Specification for 6 to 60 in. [150 to 1500 mm] Polypropylene (PP) Corrugated Double and Triple Wall Pipe and Fittings for Non-Pressure Sanitary Sewer Applications
ASTM F2968/F2968M-14a	Standard Specification for Black Crosslinked Polyethylene (PEX) Pipe, Fittings and Joints For Gas Distribution Applications
ASTM F412-17a	Standard Terminology Relating to Plastic Piping Systems
ASTM F1867-06(2012)	Standard Practice for Installation of Folded/Formed Poly (Vinyl Chloride) (PVC) Pipe Type A for Existing Sewer and Conduit Rehabilitation
ASTM F877-11a	Standard Specification for Crosslinked Polyethylene (PEX) Hot- and Cold-Water Distribution Systems
ASTM D2513-16a	Standard Specification for Polyethylene (PE) Gas Pressure Pipe, Tubing, and Fittings
ASTM F2946-12(2017)	Standard Specification for PVC Hub and Elastomeric Seal (Gasket) Tee Connection for Joining Plastic Pipe to Insitu Pipelines and Manholes
ASTM F439-13	Standard Specification for Chlorinated Poly (Vinyl Chloride) (CPVC) Plastic Pipe Fittings, Schedule 80
ASTM F2987-12	Standard Specification for Corrugated Polyethylene Pipe and Fittings for Mine Heap Leach Aeration Applications
ASTM F1924-12	Standard Specification for Plastic Mechanical Fittings for Use on Outside Diameter Controlled Polyethylene Gas Distribution Pipe and Tubing
ASTM F1986-01(2011)	Standard Specification for Multilayer Pipe Type 2, Compression Fittings, and Compression Joints for Hot and Cold Drinking-Water Systems
ASTM F441/F441M-15	Standard Specification for Chlorinated Poly(Vinyl Chloride) (CPVC) Plastic Pipe, Schedules 40 and 80
ASTM F2831-12(2017)	Standard Practice for Internal Non Structural Epoxy Barrier Coating Material Used In Rehabilitation of Metallic Pressurized Piping Systems
ASTM F2138-12(2017)	Standard Specification for Excess Flow Valves for Natural Gas Service
ASTM F1948-15	Standard Specification for Metallic Mechanical Fittings for Use on Outside Diameter Controlled Thermoplastic Gas Distribution Pipe and Tubing
ASTM D2665-14	Standard Specification for Poly(Vinyl Chloride) (PVC) Plastic Drain, Waste, and Vent Pipe and Fittings
ASTM F714-13	Standard Specification for Polyethylene (PE) Plastic Pipe (DR-PR) Based on Outside Diameter
ASTM F1606-05(2014)	Standard Practice for Rehabilitation of Existing Sewers and Conduits with Deformed Polyethylene (PE) Liner
ASTM F2207-06(2013)	Standard Specification for Cured-in-Place Pipe Lining System for Rehabilitation of Metallic Gas Pipe
ASTM F758-14	Standard Specification for Smooth-Wall Poly(Vinyl Chloride) (PVC) Plastic Underdrain Systems for Highway, Airport, and Similar Drainage
ASTM F810-12	Standard Specification for Smoothwall Polyethylene (PE) Pipe for Use in Drainage and Waste Disposal Absorption Fields
ASTM F894-13	Standard Specification for Polyethylene (PE) Large Diameter Profile Wall Sewer and Drain Pipe
ASTM D2657-07(2015)	Standard Practice for Heat Fusion Joining of Polyolefin Pipe and Fittings
ASTM F1336-15	Standard Specification for Poly(Vinyl Chloride) (PVC) Gasketed Sewer Fittings
ASTM F2658-07(2013)	Standard Specification for Type PSM Poly(Vinyl Chloride) (PVC) SDR 51 and SDR 64 Sewer Pipe and Fittings

ASTM F1733-13	Standard Specification for Butt Heat Fusion Polyamide(PA) Plastic Fitting for Polyamide(PA) Plastic Pipe and Tubing
ASTM D3212-07(2013)	Standard Specification for Joints for Drain and Sewer Plastic Pipes Using Flexible Elastomeric Seals
ASTM F2623-14	Standard Specification for Polyethylene of Raised Temperature (PE-RT) SDR 9 Tubing
ASTM F1668-16	Standard Guide for Construction Procedures for Buried Plastic Pipe
ASTM F2098-15	Standard Specification for Stainless Steel Clamps for Securing SDR9 Cross-linked Polyethylene (PEX) Tubing to Metal Insert and Plastic Insert Fittings
ASTM F2562/F2562M-15	Specification for Steel Reinforced Thermoplastic Ribbed Pipe and Fittings for Non-Pressure Drainage and Sewerage
ASTM F679-16	Standard Specification for Poly(Vinyl Chloride) (PVC) Large-Diameter Plastic Gravity Sewer Pipe and Fittings
ASTM F725-03(2013)	Standard Practice for Drafting Impact Test Requirements In Thermoplastic Pipe And Fittings Standards
ASTM D2852-16	Standard Specification for Styrene-Rubber (SR) Plastic Drain Pipe and Fittings
ASTM F1498-08(2012)e1	Standard Specification for Taper Pipe Threads 60&deg; for Thermoplastic Pipe and Fittings
ASTM D2466-17	Standard Specification for Poly(Vinyl Chloride) (PVC) Plastic Pipe Fittings, Schedule 40
ASTM D2467-15	Standard Specification for Poly(Vinyl Chloride) (PVC) Plastic Pipe Fittings, Schedule 80
ASTM F1483-17	Standard Specification for Oriented Poly(Vinyl Chloride), PVCO, Pressure Pipe
ASTM F2487-13(2017)	Standard Practice for Infiltration and Exfiltration Acceptance Testing of Installed Corrugated High Density Polyethylene and Polypropylene Pipelines
ASTM F628-12e2	Standard Specification for Acrylonitrile-Butadiene-Styrene (ABS) Schedule 40 Plastic Drain, Waste, and Vent Pipe With a Cellular Core
ASTM D2239-12a	Standard Specification for Polyethylene (PE) Plastic Pipe (SIDR-PR) Based on Controlled Inside Diameter
ASTM D2737-12a	Standard Specification for Polyethylene (PE) Plastic Tubing
ASTM F1563-01(2011)	Standard Specification for Tools to Squeeze-off Polyethylene (PE) Gas Pipe or Tubing
ASTM F876-17	Standard Specification for Crosslinked Polyethylene (PEX) Tubing
	Standard Specification for Cold-Expansion Fittings with Metal Compression-Sleeves for Crosslinked Polyethylene (PEX) Pipe and SDR9 Polyethylene of Raised Temperature (PE-RT) Pipe
ASTM F2080-16	
ASTM F1473-16	Standard Test Method for Notch Tensile Test to Measure the Resistance to Slow Crack Growth of Polyethylene Pipes and Resins
ASTM D2683-14	Standard Specification for Socket-Type Polyethylene Fittings for Outside Diameter-Controlled Polyethylene Pipe and Tubing
ASTM F3123-16	Standard Specification for Metric Outside Diameter Polyethylene (PE) Plastic Pipe (DR-PN)
ASTM D2290-16	Standard Test Method for Apparent Hoop Tensile Strength of Plastic or Reinforced Plastic Pipe
ASTM F409-17	Standard Specification for Thermoplastic Accessible and Replaceable Plastic Tube and Tubular Fittings
ASTM D2152-17	Standard Test Method for Adequacy of Fusion of Extruded Poly(Vinyl Chloride) (PVC) Pipe and Molded Fittings by Acetone Immersion
	Standard Specification for Special Engineered Fittings, Appurtenances or Valves for use in Poly (Vinyl Chloride) (PVC) or Chlorinated Poly (Vinyl Chloride) (CPVC) Systems
ASTM F1970-12e1	
ASTM F2023-15	Standard Test Method for Evaluating the Oxidative Resistance of Crosslinked Polyethylene (PEX) Pipe, Tubing and Systems to Hot Chlorinated Water
	Standard Test Method for Notched, Constant Ligament-Stress (NCLS) Test to Determine Slow-Crack-Growth Resistance of HDPE Resins or HDPE Corrugated Pipe
ASTM F2136-18	
	Standard Specification for Electrofusion Type Polyethylene Fittings for Outside Diameter Controlled Polyethylene and Crosslinked Polyethylene (PEX) Pipe and Tubing
ASTM F1055-16a	
ASTM F2164-13	Standard Practice for Field Leak Testing of Polyethylene (PE) and Crosslinked Polyethylene (PEX) Pressure Piping Systems Using Hydrostatic Pressure
ASTM D2846/D2846M-17b	Standard Specification for Chlorinated Poly(Vinyl Chloride) (CPVC) Plastic Hot- and Cold-Water Distribution Systems
ASTM F1545-15a	Standard Specification for Plastic-Lined Ferrous Metal Pipe, Fittings, and Flanges
ASTM F2807-13(2018)	Standard Specification for Multilayer Polyethylene-Polyamide (PE-PA) Pipe for Pressure Piping Applications
ASTM D2122-16	Standard Test Method for Determining Dimensions of Thermoplastic Pipe and Fittings
ASTM F2905/F2905M-13	Standard Specification for Black Crosslinked Polyethylene (PEX) Line Pipe, Fittings and Joints For Oil and Gas Producing Applications
ASTM D2609-15	Standard Specification for Plastic Insert Fittings for Polyethylene (PE) Plastic Pipe

ASTM F1041-02(2016)	Standard Guide for Squeeze-Off of Polyolefin Gas Pressure Pipe and Tubing
ASTM F1732-12	Standard Specification for Poly(Vinyl Chloride) (PVC) Sewer and Drain Pipe Containing Recycled PVC Material
ASTM F2649-14	Standard Specification for Corrugated High Density Polyethylene &#40;HDPE&#41; Grease Interceptor Tanks
ASTM F2231-02(2013)	Standard Test Method for Charpy Impact Test on Thin Specimens of Polyethylene Used in Pressurized Pipes
ASTM F481-97(2014)	Standard Practice for Installation of Thermoplastic Pipe and Corrugated Pipe in Septic Tank Leach Fields
ASTM F438-17	Standard Specification for Socket-Type Chlorinated Poly(Vinyl Chloride) (CPVC) Plastic Pipe Fittings, Schedule 40
ASTM F3240-17	Standard Practice for Installation of Seamless Molded Hydrophilic Gaskets (SMHG) for Long-Term Watertightness of Cured-in-Place Rehabilitation of Main and Lateral Pipelines
ASTM F3253-17	Standard Specification for Crosslinked Polyethylene (PEX) Tubing with Oxygen Barrier for Hot- and Cold-Water Hydronic Distribution Systems
ASTM F645-15a	Standard Guide for Selection, Design, and Installation of Thermoplastic Water- Pressure Piping Systems
ASTM F667/F667M-16	Standard Specification for 3 through 24 in. Corrugated Polyethylene Pipe and Fittings
ASTM F2165-13	Standard Specification for Flexible Pre-Insulated Piping
ASTM F402-05(2012)	Standard Practice for Safe Handling of Solvent Cements, Primers, and Cleaners Used for Joining Thermoplastic Pipe and Fittings
ASTM D3034-16	Standard Specification for Type PSM Poly(Vinyl Chloride) (PVC) Sewer Pipe and Fittings
ASTM F1741-08(2016)	Standard Practice for Installation of Machine Spiral Wound Poly (Vinyl Chloride) (PVC) Liner Pipe for Rehabilitation of Existing Sewers and Conduits
ASTM F2769-16	Standard Specification for Polyethylene of Raised Temperature (PE-RT) Plastic Hot and Cold-Water Tubing and Distribution Systems
ASTM F2984-13	Standard Specification for Segmental Panel System for the Grout-in-Place-Liner &#40;GIPL&#41; Rehabilitation Method of Existing Man-Entry Size Sewers, Culverts, and Conduits
ASTM F3097-15	Standard Practice for Installation of an Outside Sewer Service Cleanout through a Minimally Invasive Small Bore Vacuum Excavation
ASTM D3035-15	Standard Specification for Polyethylene (PE) Plastic Pipe (DR-PR) Based on Controlled Outside Diameter
ASTM F2620-13	Standard Practice for Heat Fusion Joining of Polyethylene Pipe and Fittings
ASTM D2837-13e1	Standard Test Method for Obtaining Hydrostatic Design Basis for Thermoplastic Pipe Materials or Pressure Design Basis for Thermoplastic Pipe Products
ASTM D2749-13	Standard Symbols for Dimensions of Plastic Pipe Fittings
ASTM F1412-16	Standard Specification for Polyolefin Pipe and Fittings for Corrosive Waste Drainage Systems
ASTM F913-02(2014)	Standard Specification for Thermoplastic Elastomeric Seals &#40;Gaskets&#41; for Joining Plastic Pipe
ASTM F1675-13(2017)	Standard Practice for Life-Cycle Cost Analysis of Plastic Pipe Used for Culverts, Storm Sewers, and Other Buried Conduits
ASTM D2680-01(2014)	Standard Specification for Acrylonitrile-Butadiene-Styrene &#40;ABS&#41; and Poly&#40;Vinyl Chloride&#41; &#40;PVC&#41; Composite Sewer Piping
ASTM F1216-16	Standard Practice for Rehabilitation of Existing Pipelines and Conduits by the Inversion and Curing of a Resin-Impregnated Tube
ASTM F2176-17	Standard Specification for Mechanical Couplings Used on Polyethylene Conduit, Duct and Innerduct
ASTM D2774-12	Standard Practice for Underground Installation of Thermoplastic Pressure Piping
ASTM F2648/F2648M-17	Standard Specification for 2 to 60 inch [50 to 1500 mm] Annular Corrugated Profile Wall Polyethylene (PE) Pipe and Fittings for Land Drainage Applications
ASTM F1697-09(2015)	Standard Specification for Poly(Vinyl Chloride) (PVC) Profile Strip for Machine Spiral-Wound Liner Pipe Rehabilitation of Existing Sewers and Conduit
ASTM F2600-09(2013)	Standard Specification for Electrofusion Type Polyamide-11 Fittings for Outside Diameter Controlled Polyamide-11 Pipe and Tubing
ASTM F2618-15	Standard Specification for Chlorinated Poly (Vinyl Chloride) (CPVC) Pipe and Fittings for Chemical Waste Drainage Systems
ASTM F2145-13	Standard Specification for Polyamide 11 (PA 11) and Polyamide 12 (PA12) Mechanical Fittings for Use on Outside Diameter Controlled Polyamide 11 and Polyamide 12 Pipe and Tubing
ASTM F2928-13	Standard Practice for Specimens and Testing Conditions for Testing Polyethylene (PE) Pipe Butt Fusions Using Tensile and Hydrostatic Test Methods
ASTM F1743-17	Standard Practice for Rehabilitation of Existing Pipelines and Conduits by Pulled-in-Place Installation of Cured-in-Place Thermosetting Resin Pipe (CIPP)
ASTM F2718-09(2015)	Standard Specification for Polyethylene (PE) and Cement Materials for an Encapsulated Cement Mortar Formed in Place Liner System (FIPLS) for the Rehabilitation of Water Pipelines

ASTM F2719-09(2015)	Standard Practice for Installation of Polyethylene (PE) and Encapsulated Cement Mortar Formed in Place Lining System (FIPLS) for the Rehabilitation of Water Pipelines
ASTM F2767-12	Standard Specification for Electrofusion Type Polyamide-12 Fittings for Outside Diameter Controlled Polyamide-12 Pipe and Tubing for Gas Distribution
ASTM F2262-09	Standard Specification for Crosslinked Polyethylene/Aluminum/Crosslinked Polyethylene Tubing OD Controlled SDR9 (Withdrawn 2018)
ASTM F3034-15	Standard Specification for Billets made by Winding Molten Extruded Stress-Rated High Density Polyethylene (HDPE)
ASTM F2945-15	Standard Specification for Polyamide 11 Gas Pressure Pipe, Tubing, and Fittings
ASTM F2599-16	Standard Practice for The Sectional Repair of Damaged Pipe By Means of An Inverted Cured-In-Place Liner
ASTM F437-15	Standard Specification for Threaded Chlorinated Poly(Vinyl Chloride) (CPVC) Plastic Pipe Fittings, Schedule 80
ASTM F442/F442M-13e1	Standard Specification for Chlorinated Poly(Vinyl Chloride) (CPVC) Plastic Pipe (SDR&ndash;PR)
ASTM D2672-14	Standard Specification for Joints for IPS PVC Pipe Using Solvent Cement
ASTM D3122-15	Standard Specification for Solvent Cements for Styrene-Rubber (SR) Plastic Pipe and Fittings
ASTM F1365-91(2013)	Standard Test Method for Water Infiltration Resistance of Plastic Underground Conduit Joints Which Use Flexible Elastomeric Seals
ASTM F1429-99(2014)	Standard Test Method for Assembly Force of Plastic Underground Conduit Joints That Use Flexible Elastomeric Seals Located in the Bell
ASTM F2418-16a	Standard Specification for Polypropylene (PP) Corrugated Wall Stormwater Collection Chambers
ASTM F2855-12	Standard Specification for Chlorinated Poly(Vinyl Chloride)/Aluminum/Chlorinated Poly(Vinyl Chloride) (CPVC-AL-CPVC) Composite Pressure Tubing
	Standard Practice for Qualification of a Combination of Squeeze Tool, Pipe, and Squeeze-Off Procedures to Avoid Long-Term Damage in Polyethylene (PE) Gas Pipe
ASTM F1734-03(2009)	
ASTM D1599-14e1	Standard Test Method for Resistance to Short-Time Hydraulic Pressure of Plastic Pipe, Tubing, and Fittings
ASTM F2896-11(2017)	Standard Specification for Reinforced Polyethylene Composite Pipe For The Transport Of Oil And Gas And Hazardous Liquids
ASTM F3124-15e1	Standard Practice for Data Recording the Procedure used to Produce Heat Butt Fusion Joints in Plastic Piping Systems or Fittings
ASTM F2737-11(2017)	Standard Specification for Corrugated High Density Polyethylene (HDPE) Water Quality Units
ASTM F2433-05(2013)	Standard Test Method for Determining Thermoplastic Pipe Wall Stiffness
	Standard Practice for Rehabilitation of Existing Pipelines and Conduits by the Pulled in Place Installation of Glass Reinforced Plastic (GRP) Cured-in-Place Thermosetting Resin Pipe (CIPP)
ASTM F2019-11	
ASTM F1735-09(2015)	Standard Specification for Poly (Vinyl Chloride) (PVC) Profile Strip for PVC Liners for Rehabilitation of Existing Man-Entry Sewers and Conduits
ASTM F2985-14	Standard Practice for Installation of a PVC Segmental Panel Liner System in Man-Entry Size Sewers and Conduits
ASTM D2241-15	Standard Specification for Poly(Vinyl Chloride) (PVC) Pressure-Rated Pipe (SDR Series)
ASTM F1866-13(2017)	Standard Specification for Poly (Vinyl Chloride) (PVC) Plastic Schedule 40 Drainage and DWV Fabricated Fittings
ASTM F2768-09	Standard Specification for Modified Stub ACME Thread Joint with Elastomeric Seal in Plastic Piping Components (Withdrawn 2016)
	Standard Specification for Metal Insert Fittings for Polyethylene/Aluminum/Polyethylene and Crosslinked Polyethylene/Aluminum/Crosslinked Polyethylene Composite Pressure Pipe
ASTM F1974-09(2015)	Standard Specification for Metal Insert Fittings Utilizing a Copper Crimp Ring for SDR9 Cross-linked Polyethylene &#40;PEX&#41; Tubing and SDR9 Cross-linked Polyethylene/Aluminum/Cross-linked Polyethylene &#40;PEX-AL-PEX&#41; Tubing
ASTM F2434-14	
ASTM F2735-09(2016)	Standard Specification for Plastic Insert Fittings For SDR9 Cross-linked Polyethylene (PEX) and Polyethylene of Raised Temperature (PE-RT) Tubing
	Standard Specification for Mechanical Cold Expansion Insert Fitting With Compression Sleeve for Cross-linked Polyethylene (PEX) Tubing (Withdrawn 2018)
ASTM F1865-09	
ASTM F1961-09	Standard Specification for Metal Mechanical Cold Flare Compression Fittings with Disc Spring for Crosslinked Polyethylene (PEX) Tubing (Withdrawn)
ASTM D1785-15e1	Standard Specification for Poly(Vinyl Chloride) (PVC) Plastic Pipe, Schedules 40, 80, and 120
ASTM D2564-12	Standard Specification for Solvent Cements for Poly(Vinyl Chloride) (PVC) Plastic Piping Systems
ASTM F949-15	Standard Specification for Poly(Vinyl Chloride) (PVC) Corrugated Sewer Pipe With a Smooth Interior and Fittings
ASTM F2922-13e1	Standard Specification for Polyethylene (PE) Corrugated Wall Stormwater Collection Chambers

ASTM F2786-16	Standard Practice for Field Leak Testing of Polyethylene (PE) Pressure Piping Systems Using Gaseous Testing Media Under Pressure (Pneumatic Leak Testing)
ASTM F1282-17	Standard Specification for Polyethylene/Aluminum/Polyethylene (PE-AL-PE) Composite Pressure Pipe
ASTM D2321-14e1	Standard Practice for Underground Installation of Thermoplastic Pipe for Sewers and Other Gravity-Flow Applications
ASTM F2817-13	Standard Specification for Poly (Vinyl Chloride) (PVC) Gas Pressure Pipe and Fittings For Maintenance or Repair
ASTM F1533-01(2009)	Standard Specification for Deformed Polyethylene (PE) Liner
ASTM F2510/F2510M-17	Standard Specification for Resilient Connectors Between Reinforced Concrete Manhole Structures and Corrugated Dual- and Triple-Wall Polyethylene and Polypropylene Pipes
ASTM F1803-15	Standard Specification for Poly (Vinyl Chloride)(PVC) Closed Profile Gravity Pipe and Fittings Based on Controlled Inside Diameter
ASTM F794-03(2014)	Standard Specification for Poly(Vinyl Chloride) (PVC) Profile Gravity Sewer Pipe and Fittings Based on Controlled Inside Diameter
ASTM F2720/F2720M-09	Standard Specification for Glass Fiber Reinforced Polyethylene (PE-GF) Spiral Wound Large Diameter Pipe (Withdrawn 2016)
ASTM F2818-10(2014)e1	Standard Specification for Specification for Crosslinked Polyethylene (PEX) Material Gas Pressure Pipe and Tubing
ASTM D2855-15	Standard Practice for the Two-Step (Primer and Solvent Cement) Method of Joining Poly (Vinyl Chloride) (PVC) or Chlorinated Poly (Vinyl Chloride) (CPVC) Pipe and Piping Components with Tapered Sockets
ASTM F2160-16	Standard Specification for Solid Wall High Density Polyethylene (HDPE) Conduit Based on Controlled Outside Diameter (OD)
ASTM F2509-15	Standard Specification for Field-assembled Anodeless Riser Kits for Use on Outside Diameter Controlled Polyethylene and Polyamide-11 (PA11) Gas Distribution Pipe and Tubing
ASTM D3261-16	Standard Specification for Butt Heat Fusion Polyethylene (PE) Plastic Fittings for Polyethylene (PE) Plastic Pipe and Tubing
ASTM F2686-14	Standard Specification for Glass Fiber Reinforced Thermoplastic Pipe
ASTM F477-14	Standard Specification for Elastomeric Seals (Gaskets) for Joining Plastic Pipe
ASTM F610/F610M-15	Standard Practice for Evaluating the Quality of Molded Poly(Vinyl Chloride) (PVC) Plastic Pipe Fittings by the Heat Reversion Technique
ASTM F1759-97(2010)	Standard Practice for Design of High-Density Polyethylene (HDPE) Manholes for Subsurface Applications
ASTM F891-16	Standard Specification for Coextruded Poly(Vinyl Chloride) (PVC) Plastic Pipe With a Cellular Core
ASTM F3182-16	Standard Practice for the Application of Spray-Applied Polymeric Liners Inside Pipelines for Potable Water
ASTM F2261-06(2011)	Standard Test Method for Pressure Rating Poly(Vinyl Chloride) (PVC) Plastic Pipe Fittings, Schedule 40 and 80 Socket-Type
ASTM D2464-15	Standard Specification for Threaded Poly(Vinyl Chloride) (PVC) Plastic Pipe Fittings, Schedule 80
ASTM F1057-17	Standard Practice for Estimating the Quality of Extruded Poly (Vinyl Chloride) (PVC) Pipe by the Heat Reversion Technique
ASTM F1488-14e1	Standard Specification for Coextruded Composite Pipe
ASTM F2805-16	Standard Specification for Multilayer Thermoplastic And Flexible Steel Pipe And Connections
ASTM F2969-12	Standard Specification for Acrylonitrile-Butadiene-Styrene (ABS) IPS Dimensioned Pressure Pipe
ASTM F2986-12(2017)	Standard Specification for Corrugated Polyethylene Pipe and Fittings for Mine Leachate Applications
ASTM F656-15	Standard Specification for Primers for Use in Solvent Cement Joints of Poly(Vinyl Chloride) (PVC) Plastic Pipe and Fittings
ASTM F2135-01(2017)e1	Standard Specification for Molded Drain, Waste, and Vent (DWV) Short-Pattern Plastic Fittings
ASTM F1025-94(2011)	Standard Guide for Selection and Use of Full-Encirclement-Type Band Clamps for Reinforcement or Repair of Punctures or Holes in Polyethylene Gas Pressure Pipe
ASTM F1673-10(2016)	Standard Specification for Polyvinylidene Fluoride (PVDF) Corrosive Waste Drainage Systems
ASTM F1901-16	Standard Specification for Polyethylene (PE) Pipe and Fittings for Roof Drain Systems
ASTM F493-14	Standard Specification for Solvent Cements for Chlorinated Poly(Vinyl Chloride) (CPVC) Plastic Pipe and Fittings
ASTM F3190-16	Standard Practice for Heat Fusion Equipment (HFE) Operator Qualification on Polyethylene (PE) and Polyamide (PA) Pipe and Fittings
ASTM F3183-16	Standard Practice for Guided Side Bend Evaluation of Polyethylene Pipe Butt Fusion Joint
ASTM D2444-17	Standard Practice for Determination of the Impact Resistance of Thermoplastic Pipe and Fittings by Means of a Tup (Falling Weight)

ASTM F1802-15	Standard Test Method for Performance Testing of Excess Flow Valves
ASTM F1987-01(2011)	Standard Specification for Multilayer Pipe Type 2, Compression Fittings, and Compression Joints for Hydronic Heating Systems
ASTM D6070-02(2010)	Standard Test Methods for Physical Properties of Smooth-Wall, Coilable, Polyethylene (PE) Conduit (Duct) for Preassembled Wire and Cable (Withdrawn 2016)
ASTM F2018-00(2010)	Standard Test Method for Time-to-Failure of Plastics Using Plane Strain Tensile Specimens
ASTM F2435-15	Standard Specification for Steel Reinforced Polyethylene (PE) Corrugated Pipe
ASTM F2947/F2947M-14	Standard Specification for 150 to 1500 mm [6 to 60 in.] Annular Corrugated Profile-Wall Polyethylene (PE) Pipe and Fittings for Sanitary Sewer Applications
ASTM D3485-15	Standard Specification for Coilable High Density Polyethylene (HDPE) Cable in Conduit (CIC)
ASTM F2306/F2306M-14e1	Standard Specification for 12 to 60 in. [300 to 1500 mm] Annular Corrugated Profile-Wall Polyethylene (PE) Pipe and Fittings for Gravity-Flow Storm Sewer and Subsurface Drainage Applications
ASTM F1504-14	Standard Specification for Folded Poly(Vinyl Chloride) (PVC) Pipe for Existing Sewer and Conduit Rehabilitation
ASTM F1947-10	Standard Practice for Installation of Folded Poly (Vinyl Chloride) (PVC) Pipe into Existing Sewers and Conduits
ASTM F2762-11e1	Standard Specification for 12 to 30 in. (300 to 750 mm) Annular Corrugated Profile-Wall Polyethylene (PE) Pipe and Fittings for Sanitary Sewer Applications (Withdrawn 2016)
ASTM F2829/F2829M-15	Standard Specification for Metric- and Inch-Sized Crosslinked Polyethylene (PEX) Pipe Systems
ASTM D3139-98(2011)	Standard Specification for Joints for Plastic Pressure Pipes Using Flexible Elastomeric Seals
ASTM F1588-96(2015)	Standard Test Method for Constant Tensile Load Joint Test (CTLJT)
ASTM F2634-15	Standard Test Method for Laboratory Testing of Polyethylene (PE) Butt Fusion Joints using Tensile-Impact Method
ASTM F2785-12	Standard Specification for Polyamide 12 Gas Pressure Pipe, Tubing, and Fittings
ASTM F2854-10(2016)	Standard Specification for Push-Fit Crosslinked Polyethylene (PEX) Mechanical Fittings for Crosslinked Polyethylene (PEX) Tubing
ASTM D2949-10	Standard Specification for 3.25-in. Outside Diameter Poly(Vinyl Chloride) (PVC) Plastic Drain, Waste, and Vent Pipe and Fittings
ASTM F2389-17a	Standard Specification for Pressure-rated Polypropylene (PP) Piping Systems
ASTM F2619/F2619M-13	Standard Specification for High-Density Polyethylene (HDPE) Line Pipe
ASTM D2729-17	Standard Specification for Poly(Vinyl Chloride) (PVC) Sewer Pipe and Fittings
ASTM F2763-16	Standard Specification for 12 to 60 in. [300 to 1500 mm] Dual and Triple Profile-Wall Polyethylene (PE) Pipe and Fittings for Sanitary Sewer Applications
ASTM F2881-11(2015)	Standard Specification for 12 to 60 in. [300 to 1500 mm] Polypropylene (PP) Dual Wall Pipe and Fittings for Non-Pressure Storm Sewer Applications
ASTM D2235-04(2016)	Standard Specification for Solvent Cement for Acrylonitrile-Butadiene-Styrene (ABS) Plastic Pipe and Fittings
ASTM D3138-04(2016)	Standard Specification for Solvent Cements for Transition Joints Between Acrylonitrile-Butadiene-Styrene (ABS) and Poly(Vinyl Chloride) (PVC) Non-Pressure Piping Components
ASTM F1760-16	Standard Specification for Coextruded Poly(Vinyl Chloride) (PVC) Non-Pressure Plastic Pipe Having Reprocessed-Recycled Content
ASTM F2536-17	Standard Guide for Installing Plastic DWV Piping Suspended from On-Grade Slabs
ASTM F2806-10(2015)	Standard Specification for Acrylonitrile-Butadiene-Styrene (ABS) Plastic Pipe (Metric SDR-PR)
ASTM F1056-04(2011)	Standard Specification for Socket Fusion Tools for Use in Socket Fusion Joining Polyethylene Pipe or Tubing and Fittings
ASTM F1290-98a(2011)	Standard Practice for Electrofusion Joining Polyolefin Pipe and Fittings
ASTM F689-97(2011)	Standard Practice for Determination of the Temperature of Above-Ground Plastic Gas Pressure Pipe Within Metallic Casings (Withdrawn 2017)
ASTM F1674-11	Standard Test Method for Joint Restraint Products for Use with PVC Pipe
ASTM F2206-14	Standard Specification for Fabricated Fittings of Butt-Fused Polyethylene (PE)
ASTM F2787-13	Standard Practice for Structural Design of Thermoplastic Corrugated Wall Stormwater Collection Chambers
ASTM D2412-11	Standard Test Method for Determination of External Loading Characteristics of Plastic Pipe by Parallel-Plate Loading

ASTM F2159-14	Standard Specification for Plastic Insert Fittings Utilizing a Copper Crimp Ring for SDR9 Cross-linked Polyethylene (PEX) Tubing and SDR9 Polyethylene of Raised Temperature (PE-RT) Tubing
ASTM F2929-17	Standard Specification for Crosslinked Polyethylene (PEX) Tubing of 0.070 in. Wall and Fittings for Radiant Heating Systems up to 75 psig
ASTM F449-16	Standard Practice for Subsurface Installation of Corrugated Polyethylene Pipe for Agricultural Drainage or Water Table Control
ASTM F2830-11(2017)	Standard Specification for Manufacture and Joining of Polyethylene (PE) Gas Pressure Pipe With a Peelable Polypropylene (PP) Outer Layer
ASTM F2788/F2788M-17	Standard Specification for Metric and Inch-sized Crosslinked Polyethylene (PEX) Pipe
ASTM F2657-07(2012)	Standard Test Method for Outdoor Weathering Exposure of Crosslinked Polyethylene (PEX) Tubing
ASTM F1871-11	Standard Specification for Folded/Formed Poly (Vinyl Chloride) Pipe Type A for Existing Sewer and Conduit Rehabilitation
ASTM F1962-11	Standard Guide for Use of Maxi-Horizontal Directional Drilling for Placement of Polyethylene Pipe or Conduit Under Obstacles, Including River Crossings
ASTM F905-04(2011)	Standard Practice for Qualification of Polyethylene Saddle-Fused Joints
ASTM F1698-02(2015)e1	Standard Practice for Installation of Poly(Vinyl Chloride)(PVC) Profile Strip Liner and Cementitious Grout for Rehabilitation of Existing Man-Entry Sewers and Conduits
ASTM F2897-15a	Standard Specification for Tracking and Traceability Encoding System of Natural Gas Distribution Components (Pipe, Tubing, Fittings, Valves, and Appurtenances)
ASTM F1281-17	Standard Specification for Crosslinked Polyethylene/Aluminum/Crosslinked Polyethylene (PEX-AL-PEX) Pressure Pipe
ASTM F2390-12(2017)	Standard Specification for Poly(Vinyl Chloride) (PVC) Plastic Drain, Waste, and Vent (DWV) Pipe and Fittings Having Post-Industrial Recycle Content
ASTM D1598-15a	Standard Test Method for Time-to-Failure of Plastic Pipe Under Constant Internal Pressure
ASTM F3128-15	Standard Specification for Poly(Vinyl Chloride) (PVC) Schedule 40 Drain, Waste, and Vent Pipe with a Cellular Core
ASTM F2736-13e1	Standard Specification for 6 to 30 in. (152 To 762 mm) Polypropylene (PP) Corrugated Single Wall Pipe And Double Wall Pipe (Withdrawn 2018)
ASTM F1973-13e1	Standard Specification for Factory Assembled Anodeless Risers and Transition Fittings in Polyethylene (PE) and Polyamide 11 (PA11) and Polyamide 12 (PA12) Fuel Gas Distribution Systems
ASTM D2666-96a	Standard Specification for Polybutylene (PB) Plastic Tubing (Withdrawn 2005)
ASTM D3309-96a(2002)	Standard Specification for Polybutylene (PB) Plastic Hot- and Cold-Water Distribution Systems (Withdrawn 2010)
ASTM F1380-95a(2002)e1	Standard Specification for Metal Insert Fittings for Polybutylene (PB) Tubing (Withdrawn 2008)
ASTM D1527-99(2005)	Standard Specification for Acrylonitrile-Butadiene-Styrene (ABS) Plastic Pipe, Schedules 40 and 80 (Withdrawn 2014)
ASTM D2104-03	Standard Specification for Polyethylene (PE) Plastic Pipe, Schedule 40 (Withdrawn 2010)
ASTM F1176-01e1	Standard Practice for Design and Installation of Underground Thermoplastic Irrigation Systems With Maximum Working Pressure of 125 psi (Withdrawn 2010)
ASTM F699-00e1	Standard Practice for Accelerated Conditioning of Polybutylene Pipe and Tubing for Subsequent Quality Control Testing (Withdrawn 2005)
ASTM F2330-04	Standard Test Method for Evaluating the Oxidative Resistance of Multilayer Polyolefin Tubing to Hot Chlorinated Water (Withdrawn 2010)
ASTM D4166-99(2004)e1	Standard Test Method for Measurement of Thickness of Nonmagnetic Materials by Means of a Digital Magnetic Intensity Instrument (Withdrawn 2008)
ASTM D2282-99(2005)	Standard Specification for Acrylonitrile-Butadiene-Styrene (ABS) Plastic Pipe (Withdrawn 2007)
ASTM F2307-03	Standard Specification for Series 10 Poly(Vinyl Chloride) (PVC) Closed Profile Gravity Pipe and Fittings Based on Controlled Inside Diameter (Withdrawn 2011)
ASTM D1694-95(2000)	Standard Specification for Threads 60 degrees ; (Stub) for "Fiberglass" (Glass-Fiber-Reinforced Thermosetting-Resin) Pipe (Withdrawn 2005)
ASTM F1248-96(2002)e1	Standard Test Method for Determination of Environmental Stress Crack Resistance (ESCR) of Polyethylene Pipe (Withdrawn 2007)
ASTM D2751-05	Standard Specification for Acrylonitrile-Butadiene-Styrene (ABS) Sewer Pipe and Fittings (Withdrawn 2014)
ASTM F771-99(2005)	Standard Specification for Polyethylene (PE) Thermoplastic High-Pressure Irrigation Pipeline Systems (Withdrawn 2014)
ASTM F1335-04	Standard Specification for Pressure-Rated Composite Pipe and Fittings for Elevated Temperature Service (Withdrawn 2011)
ASTM D2447-03	Standard Specification for Polyethylene (PE) Plastic Pipe, Schedules 40 and 80, Based on Outside Diameter (Withdrawn 2010)
ASTM F690-86(2003)e2	Standard Practice for Underground Installation of Thermoplastic Pressure Piping Irrigation Systems (Withdrawn 2012)

ASTM D4398-07	Standard Test Method for Determining the Chemical Resistance of Fiberglass-Reinforced Thermosetting Resins by One-Side Panel Exposure (Withdrawn 2015)
ASTM F405-13	Standard Specification for Corrugated Polyethylene (PE) Pipe and Fittings (Withdrawn 2015)
ASTM F3181-16	Standard Test Method for The Un-notched, Constant Ligament Stress Crack Test (UCLS) for HDPE Materials Containing Post-Consumer Recycled HDPE
ASTM F3058-16	Standard Practice for Preliminary Field Testing of Thermoplastic Pipe Joints for Gravity Flow (Non-Pressure) Sewer Lines
ASTM F3033-16	Standard Practice for Installation of a Single-Sized, Cured-In-Place Liner Utilizing an Inflatable Bladder for Resurfacing Manhole Walls of Various Shapes and Sizes<rangeref></rangeref >
ASTM F1804-08(2016)	Standard Practice for Determining Allowable Tensile Load for Polyethylene (PE) Gas Pipe During Pull-In Installation
ASTM F585-16	Standard Guide for Insertion of Flexible Polyethylene Pipe Into Existing Sewers
ASTM F1499-17	Standard Specification for Coextruded Composite Drain, Waste, and Vent Pipe (DWV)
ASTM F3203-16	Standard Test Method for Determination of Gel Content of Crosslinked Polyethylene (PEX) Pipes and Tubing
ASTM F512-12(2017)	Standard Specification for Smooth-Wall Poly(Vinyl Chloride) (PVC) Conduit and Fittings for Underground Installation
ASTM F3219-17	Standard Specification for 3 to 30 in. (75 To 750 mm) Polypropylene (PP) Corrugated Single Wall Pipe and Fittings
ASTM F2021-17	Standard Guide for Design and Installation of Plastic Siphonic Roof Drainage Systems



# ISEA Product Set

Oracle Prd Id	Most Recent	Doc Number	Title	Price
1897150	Y	ANSI/ISEA Z87.1-2015	American National Standard for Occupational and Educational Personal Eye and Face Protection Devices	60
1890095	Y	ANSI/ISEA Z358.1-2014	Emergency Eyewash and Shower Equipment	60
1880645	Y	ANSI/ISEA 101-2014	American National Standard for Limited-Use and Disposable Coveralls -- Size and Labeling Requirements	10
1878223	Y	ANSI/ISEA Z89.1-2014	Personal Protection - Protective Headwear for Industrial Workers	35
1828209	Y	ANSI/ISEA 201-2012	American National Standard for Classification of Insulating Apparel Used in Cold Work Environments	30
1264766	Y	ANSI/ISEA 102-1990 (R2009)	American National Standard for Gas Detector Tube Units - Short Term Type for Toxic Gases and Vapors in Working Environments	10
741258	Y	ANSI/ISEA 104-1998 (R2009)	Air Sampling Devices - Diffusive Type for Toxic Gases and Vapors in Working Environments	10
1636686	Y	ANSI/ISEA 110-2009	American National Standard for Air-Purifying Respiratory Protective Smoke Escape Devices	55
1897149	Y	ANSI/ISEA Z308.1-2015	American National Standard - Minimum Requirements for Workplace First Aid Kits and Supplies	30
1909872	Y	ANSI/ISEA 105-2016	American National Standard for Hand Protection Classification.	35
1870338	Y	ANSI/ISEA 113-2013	American National Standard for Fixed and Portable Decontamination Shower Units	24
1910321	Y	ANSI/ISEA 107-2015	High-Visibility Safety Apparel and Accessories, Includes Errata (2016)	64
1748206	Y	ANSI/ISEA 103-2010	American National Standard for Classification and Performance Requirements for Chemical Protective Clothing	53

	<b>Title</b>
ANSI/NFPA (Fire) 90B	Standard for the Installation of Warm Air Heating and Air-Conditioning Systems, 2018 Edition
NFPA (Fire) 101	NFPA 101: Life Safety Code, 2018 Edition
ANSI/NFPA (Fire) 703	Standard for Fire-Retardant Treated Wood and Fire-Retardant Coatings for Building Materials, 2018 Edition
NFPA (Fire) 79	Electrical Standard for Industrial Machinery, 2018 Edition
ANSI/NFPA (Fire) 70E	Standard for Electrical Safety in the Workplace, 2018 Edition
NFPA (Fire) 56	Standard for Fire and Explosion Prevention During Cleaning and Purging of Flammable Gas Piping Systems, 2017 Edition
ANSI/NFPA (Fire) 30A	Motor Fuel Dispensing Facilities and Repair Garages, 2018 Edition
ANSI/NFPA (Fire) 220	Standard on Types of Building Construction, 2018 Edition
ANSI/NFPA (Fire) 34	Dipping and Coating Processes Using Flammable or Combustible Liquids, 2018 Edition
NFPA (Fire) 204	Standard for Smoke and Heat Venting, 2018 Edition
	NFPA 285, Standard Fire Test Method for Evaluation of Fire Propagation Characteristics of Exterior Non-Load-Bearing Wall Assemblies Containing Combustible Components, 2012 edition
NFPA (Fire) 285	
ANSI/NFPA (Fire) 3	Recommended Practice on Commissioning and Integrated Testing of Fire Protection and Life Safety Systems, 2018 Edition
ANSI/NFPA (Fire) 30	Flammable and Combustible Liquids Code, 2018 Edition
ANSI/NFPA (Fire) 90A	Installation of Air Conditioning and Ventilating Systems, 2018 Edition
NFPA (Fire) 1408	Standard for Training Fire Service Personnel in the Operation, Care, Use, and maintenance of Thermal Imagers, 2015 Edition
NFPA (Fire) 1091	Standard for Traffic Control Incident Management Personnel Professional Qualifications, 2015 Edition
ANSI/NFPA (Fire) 950	Standard for Data Development and Exchange for the Fire Service, 2015 Edition
ANSI/NFPA (Fire) 51A	Standard for Acetylene Cylinder Charging Plants, 2012 Edition
NFPA (Fire) 75	Standard for the Protection of Information Technology Equipment, 2013 Edition
NFPA (Fire) 551	Evaluation of Fire Risk Assessments, 2016 Edition
NFPA (Fire) 1620	Standard for Pre-Incident Planning, 2015 Edition
NFPA (Fire) 70HB17	National Electrical Code Handbook (NFPA 70 / NEC Handbook), 2017 Edition
NFPA (Fire) 37	Standard for the Installation and Use of Stationary Combustion Engines and Gas Turbines, 2018 Edition
NFPA (Fire) 471	Recommended Practice for Responding to Hazardous Materials Incidents, 2002 edition
NFPA (Fire) 256	Methods of Fire Tests of Roof Coverings, 2003 Edition
NFPA (Fire) 430	Code for the Storage of Liquid and Solid Oxidizers, 2004 Edition
NFPA (Fire) 490	Storage of Ammonium Nitrate, 2002 Edition
NFPA (Fire) 255	NFPA 255: Standard Method of Test of Surface Burning Characteristics of Building Materials, 2006 Edition
NFPA (Fire) 1404	NFPA 1404: Standard for Fire Service Respiratory Protection Training, 2018 Edition
NFPA (Fire) 37	Standard for the Installation and Use of Stationary Combustion Engines and Gas Turbines, 2006 Edition
	NFPA 272: Standard Method of Test for Heat and Visible Smoke Release Rates for Materials and Products Using an Oxygen Consumption Calorimeter, 2003 edition
NFPA (Fire) 272	
NFPA (Fire) 70A	National Electrical Code Requirements for One-and Two-Family Dwellings, 2005 Edition
NFPA (Fire) 251	Standard Methods of Tests of Fire Endurance of Building Construction and Materials, 2006 edition
NFPA (Fire) 851	Recommended Practice for Fire Protection for Hydroelectric Generating Plants, 2005 Edition
NFPA (Fire) 850	Recommended Practice for Fire Protection for Electric Generating Plants and High Voltage Direct Current Converter Stations, 2005 Edition
NFPA (Fire) 1932	Standard on Use, Maintenance, and Service Testing of In-Service Fire Department Ground Ladders, 2004 Edition
NFPA (Fire) 410	Standard on Aircraft Maintenance, 2004 Edition
NFPA (Fire) 434	Storage of Pesticides, 2002 Edition
NFPA (Fire) 432	Storage of Organic Peroxide Formulations, 2002 Edition

NFPA (Fire) 42	Storage of Pyroxylin Plastic, 2002 Edition
NFPA (Fire) 1061	Standard for Professional Qualifications for Public Safety Telecommunicator, 2018 Edition
NFPA (Fire) 1451	Standard for a Fire Service Vehicle Operations Training Program, 2018 Edition
NFPA (Fire) 1982	Standard on Personal Alert Safety Systems (PASS), 2018 Edition
NFPA (Fire) 560	Standard for the Storage, Handling, and Use of Ethylene Oxide for Sterilization and Fumigation, 2007 Edition
NFPA (Fire) 68	Standard on Explosion Protection by Deflagration Venting, 2018 Edition
NFPA (Fire) 1961	Standard on Fire Hose, 2013 Edition
NFPA (Fire) 259	Standard Test Method for Potential Heat of Building Materials, 2018 Edition
NFPA (Fire) 270	Standard Test Method Measurement of Smoke Obscuration Using a Conical Radiant Source in a Single Closed Chamber, 2018 edition
NFPA (Fire) 1006	Standard for Rescue Technician Professional Qualifications, 2017 Edition
NFPA (Fire) 140	Standard on Motion Picture and Television Production Studio Soundstages, Approved Production Facilities, and Production Locations, 2018 Edition
NFPA (Fire) 1925	Standard on Marine Fire-Fighting Vessels, 2018 Edition
NFPA (Fire) 1962	NFPA 1962: Standard for the Inspection, Care, and Use of Fire Hose, Couplings and Nozzles; and the Service Testing of Fire Hose, 2018 Edition
NFPA (Fire) 1964	Standard for Spray Nozzles, 2018 Edition
NFPA (Fire) 1999	Protective Clothing for Emergency Medical Operations, 2018 Edition
NFPA (Fire) 22	Water Tanks for Private Fire Protection, 2018 Edition
NFPA (Fire) 496	Standard for Purged and Pressurized Enclosures for Electrical Equipment, 2017 Edition
ANSI/NFPA (Fire) 92	Standard for Smoke Control Systems, 2018 Edition
NFPA (Fire) 1	Fire Code, 2018 Edition
NFPA (Fire) 1194	Standard for Recreational Vehicle Parks and Campgrounds, 2018 Edition
NFPA (Fire) 610	Guide for Emergency and Safety Operations at Motorsports Venues, 2014 Edition
NFPA (Fire) 70EHB18	NFPA 70E: Standard for Electrical Safety in the Workplace Handbook, 2018 Edition
NFPA (Fire) 58HB17	Liquefied Petroleum Gas Code Handbook, 2017 Edition
NFPA (Fire) 70	National Electrical Code (NEC), 2017 Edition
NFPA (Fire) 1026	Standard for Incident Management Personnel Professional Qualifications, 2018 Edition
ANSI/NFPA (Fire) 501	Standard on Manufactured Housing, 2017 Edition
NFPA (Fire) 10	Portable Fire Extinguishers, 2018 Edition
NFPA (Fire) 1971	Protective Ensembles for Structural Fire Fighting and Proximity Fire Fighting, 2018 Edition
NFPA (Fire) 1992	Standard on Liquid Splash-Protective Clothing for Hazardous Materials Emergencies, 2018 Edition
NFPA (Fire) 1410	Standard on Training for Initial Emergency Scene Operations, 2015 Edition
NFPA (Fire) 76	Standard for the Fire Protection of Telecommunications Facilities, 2016 Edition
NFPA (Fire) 265	Standard Methods of Fire Tests for Evaluating Room Fire Growth Contribution of Textile or Expanded Vinyl Wall Coverings on Full Height Panels and Walls, 2015 Edition
ANSI/NFPA (Fire) 423	Standard for Construction and Protection of Aircraft Engine Test Facilities, 2016 Edition
NFPA (Fire) 1051	Standard for Wildland Fire Fighter Professional Qualifications, 2016 Edition
NFPA (Fire) 25	Standard for the Inspection, Testing, and Maintenance of Water-Based Fire Protection Systems, 2017 Edition
NFPA (Fire) 418	Standard for Heliports, 2016 Edition
ANSI/NFPA (Fire) 24	Standard for the Installation of Private Fire Service Mains and Their Appurtenances, 2016 Edition
NFPA (Fire) 2112	Flame-Resistant Garments for Protection of Industrial Personnel Against Flash Fire, 2018 Edition
NFPA (Fire) 241	Standard for Safeguarding Construction, Alteration, and Demolition Operations, 2013 Edition
NFPA (Fire) 520	Standard on Subterranean Spaces, 2016 Edition
NFPA (Fire) 424	Guide to Airport/Community Emergency Planning, 2018 Edition

NFPA (Fire) 654	Standard for the Prevention of Fire and Dust Explosions from the Manufacturing, Processing, and Handling of Combustible Particulate Solids, 2017 Edition
ANSI/NFPA (Fire) 505	Fire Safety Standard for Powered Industrial Trucks Including Type Designations, Areas of Use, Conversions, Maintenance, and Operations, 2018 Edition
ANSI/NFPA (Fire) 11	Standard for Low-, Medium-, and High-Expansion Foam, 2016 Edition
ANSI/NFPA (Fire) 276	Standard Method of Fire Test for Determining the Heat Release Rate of Roofing Assemblies with Combustible Above-Desk Roofing Components, 2015 Edition
NFPA (Fire) 5000	Building Construction and Safety Code, 2018 Edition
NFPA (Fire) 1141	Fire Protection in Planned Building Groups, 2017 Edition
NFPA (Fire) 484	Standard for Combustible Metals, 2015 Edition
NFPA (Fire) 914	Fire Protection in Historic Structures, 2015 Edition
NFPA (Fire) 780	Standard for the Installation of Lightning Protection Systems, 2017 Edition
NFPA (Fire) 2010	Standard for Fixed Aerosol Fire-Extinguishing Systems, 2015 Edition
ANSI/NFPA (Fire) 600	Standard on Industrial Fire Brigades, 2015 Edition
ANSI/NFPA (Fire) 720	Standard for the Installation of Carbon Monoxide (CO) Detection and Warning Equipment, 2015 Edition
ANSI/NFPA (Fire) 111	Standard on Stored Electrical Energy Emergency and Standby Power Systems, 2016 Edition
NFPA (Fire) 257	Fire Test for Window and Glass Block Assemblies, 2017 Edition
ANSI/NFPA (Fire) 1932	Standard on Use, Maintenance, and Service Testing of In-Service Fire Department Ground Ladders, 2015 Edition
NFPA (Fire) 412	Standard for Evaluating Aircraft Rescue and Fire-Fighting Foam Equipment, 2014 Edition
ANSI/NFPA (Fire) 73	NFPA 73: Standard for Electrical Inspections for Existing Dwellings, 2016 Edition
ANSI/NFPA (Fire) 804	Standard for Fire Protection for Advanced Light Water Reactor Electric Generating Plants, 2015 Edition
ANSI/NFPA (Fire) 318	Standard for the Protection of Semiconductor Fabrication Facilities, 2018 Edition
ANSI/NFPA (Fire) 51	Standard for the Design and Installation of Oxygen-Fuel Gas Systems for Welding, Cutting, and Allied Processes, 2018 Edition
ANSI/NFPA (Fire) 53	Recommended Practice on Materials, Equipment, and Systems Used in Oxygen-Enriched Atmospheres, 2016 Edition
ANSI/NFPA (Fire) 115	Laser Fire Protection, 2016 Edition
NFPA (Fire) 1994	Protective Ensembles for First Responders to CBRN Terrorism Incidents, 2018 Edition
NFPA (Fire) 1021	Standard for Fire Officer Professional Qualifications, 2014 Edition
ANSI/NFPA (Fire) 20	Standard for the Installation of Stationary Pumps for Fire Protection, 2016 Edition
NFPA (Fire) 1981	Standard on Open-Circuit Self-Contained Breathing Apparatus (SCBA) for Emergency Services, 2013 Edition
NFPA (Fire) 655	Prevention of Sulfur Fires and Explosions, 2017 Edition
NFPA (Fire) 120	Standard for Coal Preparation Plants, 2015 Edition
ANSI/NFPA (Fire) 1901	Automotive Fire Apparatus, 2016 Edition
NFPA (Fire) 801	Standard for Fire Protection for Facilities Handling Radioactive Materials, 2014 Edition
NFPA (Fire) 2	Hydrogen Technologies Code, 2016 Edition
NFPA (Fire) 72	National Fire Alarm and Signaling Code, 2016 Edition
NFPA (Fire) 110	Standard for Emergency and Standby Power Systems, 2016 Edition
NFPA (Fire) 32	Standard for Drycleaning Plants, 2016 Edition
NFPA (Fire) 1936	Standard on Powered Rescue Tools, 2015 Edition
NFPA (Fire) 80A	Protection of Buildings from Exterior Fire Exposures, 2017 Edition
NFPA (Fire) 1037	Standard for Professional Qualifications for Fire Marshal, 2016 Edition
NFPA (Fire) 414	Aircraft Rescue and Fire Fighting Vehicles, 2017 Edition
NFPA (Fire) 601	Standard for Security Services in Fire Loss Prevention, 2015 Edition
ANSI/NFPA (Fire) 40	Standard for the Storage and Handling of Cellulose Nitrate Film, 2016 Edition
ANSI/NFPA (Fire) 262	Standard Method of Test for Flame Travel and Smoke of Wires and Cables for Use in Air-Handling Spaces, 2015 Edition

NFPA (Fire) 1403	Standard on Live Fire Training Evolutions, 2018 Edition
ANSI/NFPA (Fire) 303	Fire Protection Standard for Marinas and Boatyards, 2016 Edition
ANSI/NFPA (Fire) 1071	Standard for Emergency Vehicle Technician Professional Qualifications, 2016 Edition
ANSI/NFPA (Fire) 1142	Standard on Water Supplies for Suburban and Rural Fire Fighting, 2017 Edition
NFPA (Fire) 1952	Standard on Surface Water Operations Protective Clothing and Equipment, 2015 Edition
NFPA (Fire) 31	Standard for the Installation of Oil-Burning Equipment, 2016 Edition
NFPA (Fire) 96	Standard for Ventilation Control and Fire Protection of Commercial Cooking Operations, 2017 Edition
ANSI/NFPA (Fire) 409	Standard on Aircraft Hangars, 2016 Edition
ANSI/NFPA (Fire) 1917	Standard for Automotive Ambulances, 2016 Edition
NFPA (Fire) 407	Standard for Aircraft Fuel Servicing, 2017 Edition
NFPA (Fire) 498	NFPA 498: Standard for Safe Havens and Interchange Lots for Vehicles Transporting Explosives, 2018 Edition
ANSI/NFPA (Fire) 312	Standard for Fire Protection of Vessels During Construction, Conversion, Repair, and Lay-Up, 2016 Edition
ANSI/NFPA (Fire) 4	Standard for Integrated Fire Protection and Life Safety System Testing, 2018 Edition
NFPA (Fire) 410	Standard on Aircraft Maintenance, 2015 Edition
NFPA (Fire) 1983	Standard on Life Safety Rope and Equipment for Emergency Services, 2017 Edition
NFPA (Fire) 1405	Guide for Land-Based Fire Departments That Respond to Marine Vessel Fires, 2016 Edition
ANSI/NFPA (Fire) 1126	Standard for the Use of Pyrotechnics Before a Proximate Audience, 2016 Edition
NFPA (Fire) 1250	Recommended Practice in Emergency Service Organization Risk Management, 2015 Edition
NFPA (Fire) 1963	Standard for Fire Hose Connections, 2014 Edition
ANSI/NFPA (Fire) 221	Standard for High Challenge Fire Walls, Fire Walls, and Fire Barrier Walls, 2018 Edition
NFPA (Fire) 1975	Standard on Station/Work Uniforms for Emergency Services, 2014 Edition
NFPA (Fire) 80	Standard for Fire Doors and Other Opening Protectives, 2016 Edition
NFPA (Fire) 45	Standard on Fire Protection for Laboratories Using Chemicals, 2015 Edition
NFPA (Fire) 307	Standard for the Construction and Fire Protection of Marine Terminals, Piers, and Wharves, 2016 Edition
NFPA (Fire) 750	Standard on Water Mist Fire Protection Systems, 2015 Edition
ANSI/NFPA (Fire) 30B	Code for the Manufacture and Storage of Aerosol Products, 2015 Edition
NFPA (Fire) 306	Standard for the Control of Gas Hazards on Vessels, 2014 Edition
NFPA (Fire) 408	Standard for Aircraft Hand Portable Fire Extinguishers, 2017 Edition
NFPA (Fire) 288	Standard Methods of Fire Tests of Floor Fire Door Assemblies Installed Horizontally in Fire Resistance-Rated Floor Systems, 2017 Edition
NFPA (Fire) 253	Standard Method of Test for Critical Radiant Flux of Floor Covering Systems Using a Radiant Heat Energy Source, 2015 Edition
NFPA (Fire) 51B	Standard for Fire Prevention During Welding, Cutting, and Other Hot Work, 2014 Edition
NFPA (Fire) 269	Standard Test Method for Developing Toxic Potency Data for Use in Fire Hazard Modeling, 2017 Edition
NFPA (Fire) 58	Liquefied Petroleum Gas Code, 2017 Edition
NFPA (Fire) 102	Standard for Grandstands, Folding and Telescopic Seating, Tents, and Membrane Structures, 2016 Edition
ANSI/NFPA (Fire) 704	Identification of the Fire Hazards of Materials for Emergency Response, 2017 Edition
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NFPA (Fire) 1993	Support Function Protective Clothing for Hazardous Chemicals Operations
NFPA (Fire) 70-96-SC	1996 National Electrical Code - Softcover
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1212321	Y	SSPC 02-14 Chapter 6.4	Painting Chemical Plants	0

1212322 Y	SSPC 02-14 Chapter 6.5	Painting Waste Treatment Plants	0
1212323 Y	SSPC 02-14 Chapter 6.6	Painting Petroleum Refineries	0
1212325 Y	SSPC 02-14 Chapter 6.8	Painting Steel Structures in Pulp and Paper Mills	0
1212326 Y	SSPC 02-14 Chapter 6.9	Painting Hydraulic Structures	0
1212329 Y	SSPC 02-14 Chapter 7	Inspection	0
1212330 Y	SSPC 02-14 Chapter 8	Safety and Health in the Protective Coatings Industry	0
1212331 Y	SSPC 02-14 Chapter 9.1	Air Quality Regulations	0
1212332 Y	SSPC 02-14 Chapter 9.2	Waste Handling and Disposal	0
1212333 Y	SSPC 02-14 Chapter 9.3	Other Regulations Affecting Protective Coatings	0
1212334 Y	SSPC 02-14 Chapter 10.1	Total Protective Coatings Programs	0
1212335 Y	SSPC 02-14 Chapter 10.2	Comparative Painting Costs	0
1212337 Y	SSPC 02-14 Chapter 10.4	Preparing a Specification for a Coating Project	0
1212338 Y	SSPC 02-14 Chapter 10.5	Maintenance Painting Programs	0
1212340 Y	SSPC 02-14 Chapter 12	Coating Failures	0
1212342 Y	SSPC 04-13 Appendix A	Appendix A: Standards and Specifications Referenced	0
1212345 Y	SSPC 04-13 Preface	Preface	0
1212346 Y	SSPC 04-13 Table of Contents	Table of contents	0
1212347 Y	SSPC 04-13 Guidelines	How to Use SSPC Standards, Specifications, and Guides	0
1212349 Y	SSPC VIS 1 Guide	Guide for Reference Photographs for Steel Surfaces Prepared by Dry Abrasive Blast Cleaning, Includes Editorial Revisions (2004)	25
1212351 Y	SSPC VIS 3 Guide	Guide and Reference Photographs for Steel Surfaces Prepared by Power- and Hand-Tool Cleaning	25
1212355 Y	SSPC 04-13 SSPC-SP 2	Hand Tool Cleaning	0
1912932 Y	SSPC SP 10 (WAB)/NACE WAB	Near-White Metal Wet Abrasive Blast Cleaning	25
1212360 Y	SSPC SP 8	Pickling, Includes Editorial Revisions (2004)	25
1912933 Y	SSPC SP 14 (WAB)/NACE WAB	Industrial Wet Abrasive Blast Cleaning	25
1212364 Y	SSPC SP 13/NACE No. 6 (R200)	Surface Preparation of Concrete	25
1212368 Y	SSPC TR 2/NACE 6G198	Wet Abrasive Blast Cleaning (Editorial Revisions 2004)	25
1212370 Y	SSPC TR 4/NACE 80200	Preparation of Protective Coating Specifications for Atmospheric Service	25
1212371 Y	SSPC TR 5/ICRI 03741/NACE 0	Design, Installation, and Maintenance of Protective Polymer Flooring Systems for Concrete	25
1212374 Y	SSPC AB 3	Ferrous Metallic Abrasive (Includes 2004 Revisions)	25
1212375 Y	SSPC PS COM	Commentary on Painting Systems	25

1212384 Y	SSPC PS Guide 7.00	Guide for Selecting One-Coat Shop Painting Systems (Includes 2004 Revisions)	25
1212387 Y	SSPC PS 10.01	Hot-Applied Coal Tar Enamel Painting System (Includes 2004 Revisions)	25
1212388 Y	SSPC PS 10.02	Cold-Applied Coal Tar Mastic Painting System (Includes 2004 Revisions)	25
1212389 Y	SSPC PS 11.01	Black (or Dark Red) Coal Tar Epoxy Polyamide Painting System (Includes 2004 Revisions)	25
1212391 Y	SSPC PS 12.01	One Coat Zinc-Rich Painting System (Includes 2004 Revisions)	25
1212399 Y	SSPC PS 16.01	Silicone Alkyd Painting System for New Steel (Includes 2004 Revisions)	25
1212400 Y	SSPC PS Guide 17.00	Guide for Selecting Urethane Painting Systems (Includes 2004 Revisions)	25
1212407 Y	SSPC PS 24.00	Latex Painting System for Industrial and Marine Atmospheres, Performance-Based (Includes 2004 Revisions)	25
1212412 Y	SSPC Paint 9	White (or Colored) Vinyl Paint (Includes 2004 Revisions)	25
1212414 Y	SSPC Paint 16 (R2015)	Coal Tar Epoxy-Polyamide Black (or Dark Red) Coating	25
1212418 Y	SSPC Paint 20	Zinc-Rich Coating (Type I - Inorganic and Type II - Organic) (Includes 2004 Revisions)	25
1882182 Y	SSPC Guide 20	Guide for Applying Thick Film Coatings and Surfacing Over Concrete Floors (Technology Guide 20)	25
1212426 Y	SSPC Paint 27	Basic Zinc Chromate-Vinyl Butyral Wash Primer (Includes 2004 Revisions)	25
1212431 Y	SSPC Paint 32 (R2015)	Coal Tar Emulsion Coating	25
1212433 Y	SSPC Paint 34	Water-Borne Epoxy Topcoat for Steel Surfaces (Includes 2004 Revisions)	25
1882171 Y	SSPC QP 2	Standard for Evaluating Painting Contractors (Removal of Hazardous Coatings from Industrial/Marine Structures) (Qualification Procedure No. 2)	25
1892620 Y	SSPC QP 8	Standard Procedure for Evaluating the Qualifications of Contracting Firms that Install Polymer Coatings and Surfacing on Concrete and Other Cementitious Substrates	25
1212444 Y	SSPC PA COM	Commentary on Paint Application	25
1212445 Y	SSPC Ambient Conditions	Monitoring and Controlling Ambient Conditions During Coating Operations	25
1212448 Y	SSPC PA Guide 4	Guide to Maintenance Repainting with Oil Base or Alkyd Painting Systems (Includes 2004 Revisions)	25

		Fiberglass-Reinforced Plastic (FRP) Linings Applied to Bottoms of Carbon Steel Aboveground Storage Tanks	25
1212450 Y	SSPC PA 6/NACE No. 10	Applying Thin Film Coatings to Concrete (Includes 2004 Revisions)	25
1212451 Y	SSPC PA 7	Thin-Film Organic Linings Applied in New Carbon Steel Process Vessels	25
1212452 Y	SSPC PA 8/NACE No.11	Single-Component Moisture-Cure Weatherable Aliphatic Polyurethane Topcoat, Performance-Based (Coating Standard No. 38)	25
1882177 Y	SSPC Paint 38	Standard Procedure for Evaluating the Qualifications of Contractors Disturbing Hazardous Coatings During Demolition and Repair Work (Includes 2004 Revisions)	25
1212457 Y	SSPC QP 4	Inspection of Fluorescent Coating Systems	25
1842871 Y	SSPC TU 11	Guide for Atmospheric Testing of Coatings in the Field (Includes 2004 Revisions)	25
1212465 Y	SSPC Guide 9	Guide to Specifying Coatings Conforming to Volatile Organic Compound (VOC) Content Requirements	0
1212466 Y	SSPC 04-13 SSPC-Guide 10	Guide for the Identification and Use of Industrial Coating Materials in Computerized Product Databases (Includes 2004 Revisions)	25
1212468 Y	SSPC Guide 13	Guide for the Repair of Imperfections in Galvanized, Organic, or Inorganic Zinc- Coated Steel Using Organic Zinc-Rich Coatings (Includes 2004 Revisions)	25
1212469 Y	SSPC Guide 14	Overcoating (Includes 2004 Revisions)	25
1212474 Y	SSPC TU 3	Field Methods for Retrieval and Analysis of Soluble Salts on Substrates	0
1212475 Y	SSPC 04-13 SSPC-TU 4	Accelerated Testing of Industrial Protective Coatings (Includes 2004 Revisions)	25
1212476 Y	SSPC TU 5	Chemical Stripping of Organic Coatings From Steel Structures (Includes 2004 Revisions)	25
1212477 Y	SSPC TU 6	Coating Galvanized Steel	0
1212292 Y	SSPC 02-14 Chapter 1.7	Metallic Abrasives	0
1212296 Y	SSPC 02-14 Chapter 2.4	Centrifugal Blast Cleaning	0
1212298 Y	SSPC 02-14 Chapter 2.6	Shop Painting of Steel	0
1212317 Y	SSPC 02-14 Chapter 5.3	Using Plant Surveys to Maintain Coating Protection of Structures	0
1212336 Y	SSPC 02-14 Chapter 10.3	Quality Control for Protective Coatings Projects	0
1212339 Y	SSPC 02-14 Chapter 11	Appendix B: Referenced Organizations	0
1212343 Y	SSPC 04-13 Appendix B		



1892619	Y	SSPC QS 1	Standard Procedure for Evaluating a Coating Contractor's Advanced Quality Management System	25
1212350	Y	SSPC VIS 2 Guide	Standard Method of Evaluating Degree of Rusting on Painted Steel Surfaces, Includes Editorial Revisions (2004)	25
1212353	Y	SSPC VIS 5 / NACE VIS 9 Guide	Guide and Reference Photographs for Steel Surfaces Prepared by Wet Abrasive Blast Cleaning, Includes Editorial Revisions (2004)	25
1212356	Y	SSPC SP 3	Power Tool Cleaning, Includes Editorial Revisions (2004)	25
1912930	Y	SSPC SP 7 (WAB)/NACE WAB-4	Brush-Off Wet Abrasive Blast Cleaning	25
1882181	Y	SSPC Paint 29	Zinc Dust Pigmented Primer, Performance-Based (Coating Specification No. 29)	25
1212409	Y	SSPC PS 27.00	Alkyd Coating System Materials Specification, Performance-Based (Includes 2004 Revisions)	25
1212411	Y	SSPC Paint 8	Aluminum Vinyl Paint (Includes 2004 Revisions)	25
1212413	Y	SSPC Paint 15	Steel Joist Shop Primer/Metal Building Primer (Includes 2004 Revisions)	25
1212429	Y	SSPC Paint 30	Weld-Through Inorganic Zinc Primer (Includes 2004 Revisions)	25
1212449	Y	SSPC PA Guide 5	Guide to Maintenance Coating of Steel Structures in Atmospheric Service (Includes 2009 Revisions)	25
1212471	Y	SSPC Guide 17	Guide to Developing a Corporate Safety Program for Industrial Painting and Coating Contractors	25
1212479	Y	SSPC TU 8	The Use of Isocyanate-Containing Paints as Industrial Maintenance Coatings (Includes 2004 Revisions)	25
1212306	Y	SSPC 02-14 Chapter 2.9.6	Electrochemical Stripping	0
1212328	Y	SSPC 02-14 Chapter 6.11	Painting Ships	0
1212341	Y	SSPC 02-14 Index	Index	0
1212344	Y	SSPC 04-13 Title Page	Title page, disclaimer, copyright	0
1212352	Y	SSPC VIS 4 / NACE VIS 7 Guide	Guide for Steel Surfaces Prepared by Waterjetting, Includes Editorial Revisions (2004)	25
1912931	Y	SSPC SP 6 (WAB)/NACE WAB-3	Commercial Wet Abrasive Blast Cleaning	25
1882169	Y	SSPC Guide 15	Field Methods for Extraction and Analysis of Soluble Salts on Steel and Other Nonporous Substrates (Technology Guide 15)	25
1212385	Y	SSPC 04-13 SSPC-PS Guide 8.0	Guide to Topcoating Zinc-Rich Primers	0
1212390	Y	SSPC PS Guide 12.00	Guide to Zinc-Rich Coating Systems	25
1212404	Y	SSPC PS Guide 21.00	Guide for Selecting Painting Systems for Topsides (Includes 2004 Revisions)	25

		Guide for Selecting One-Coat Preconstruction or Prefabrication Painting Systems (Includes 2004 Revisions)	25
1212405 Y	SSPC PS Guide 22.00	Commentary on Paint Specifications (Includes 2008 Revisions)	25
1212410 Y	SSPC SSPC-Paint COM	Zinc Oxide, Alkyd, Linseed Oil Primer for Use Over Hand Cleaned Steel (Type I and Type II) (Includes 2004 Revisions)	25
1212423 Y	SSPC Paint 25	Zinc Oxide, Alkyd, Linseed Oil Primer for Use Over Blast Cleaned Steel (Type I and Type II) (Includes 2004 Revisions)	25
1212424 Y	SSPC Paint 25 BCS	Water-Borne Epoxy Primer for Steel Surfaces (Includes 2004 Revisions)	25
1212427 Y	SSPC Paint 28	Aluminum Alkyd Paint, Leafing (Type I) and Non-Leafing (Type II) (Includes 2004 Revisions)	25
1212439 Y	SSPC Paint 101	White or Tinted Alkyd Paint (Includes 2004 Revisions)	25
1212441 Y	SSPC Paint 104	Conducting Ambient Air, Soil, and Water Sampling During Surface Preparation and Paint Disturbance Activities (Includes 2004 Revisions)	25
1894765 Y	SSPC TU 7	Surface Tolerant Coatings for Steel (Includes 2004 Revisions)	25
1212472 Y	SSPC TU 1	Title page, copyright, disclaimer, foreword, introduction, table of contents	0
1212285 Y	SSPC 02-14 Front Matter	Organic Coatings: Composition and Film Formation	0
1212290 Y	SSPC 02-14 Chapter 1.5	Nonmetallic Abrasives	0
1212295 Y	SSPC 02-14 Chapter 2.3	Wet Abrasive Blast and Pressurized Water Cleaning (Waterjetting)	0
1212299 Y	SSPC 02-14 Chapter 2.7	Coatings for Industrial Steel Structures	0
1212311 Y	SSPC 02-14 Chapter 4.1	Powder Coating	0
1212313 Y	SSPC 02-14 Chapter 4.3	Application of Industrial Coatings	0
1212315 Y	SSPC 02-14 Chapter 5.1	Painting Power Generation Facilities	0
1212324 Y	SSPC 02-14 Chapter 6.7	Coatings for Buried and Immersed Metal Pipelines	0
1212327 Y	SSPC 02-14 Chapter 6.10	Thermal Pre-Cleaning (Includes Editorial Revisions, 2004)	25
1212367 Y	SSPC TR 1/NACE 6G194	Dehumidification and Temperature Control During Surface Preparation, Application, and Curing for Coatings/Linings of Steel Tanks, Vessels, and Other Enclosed Spaces	25
1212369 Y	SSPC TR 3/NACE 6A192	Coal Tar Mastic, Cold Applied	25
1212432 Y	SSPC Paint 33 (R2015)	Guide to Specifying and Selecting Dust Collectors	25
1212470 Y	SSPC Guide 16		

1212473 Y	SSPC TU 2/NACE 6G197	Design, Installation, and Maintenance of Coating Systems for Concrete Used in Secondary Containment	25
1212480 Y	SSPC TU 9	Estimating Costs for Protective Coatings Projects (Includes 2004 Revisions)	25
1926022 Y	SSPC PA 2	Procedure for Determining Conformance to Dry Coating Thickness Requirements	25
1754906 Y	SSPC SP 2	Surface Preparation Specification No. 2: Hand Tool Cleaning, Includes Editorial Revisions (2004)	25
1938418 Y	SSPC Guide 22	Use and Retention of Pre-Construction Primers on Steel in Shipbuilding	25
1882173 Y	SSPC Paint 45	Two-Component, Thick-Film Polyurea and Polyurea/Polyurethane Hybrid Coatings, Performance-Based (Coating Standard No. 45)	25
1892621 Y	SSPC SP COM	Surface Preparation Commentary for Metal Substrates	25
1910978 Y	SSPC AB 2	Cleanliness of Recycled Ferrous Metallic Abrasives	25
1890067 Y	SSPC PA Guide 13/AASHTO/N	Guide Specification for Application of Coating Systems With Zinc-Rich Primers to Steel Bridges	25
1881966 Y	SSPC Paint 23	Latex Primer for Steel Surfaces, Performance-Based (Coating Standard No. 23)	25
1844360 Y	SSPC QP 3-2010	Certification Standard for Shop Application of Complex Protective Coating Systems	25
1775658 Y	SSPC PS 28.01	Two-Coat Zinc-Rich Polyurethane Primer/Aliphatic Polyurea Topcoat System, Performance-Based	25
1775657 Y	SSPC SP 16	Brush-Off Blast Cleaning of Coated and Uncoated Galvanized Steel, Stainless Steels, and Non-Ferrous Metals	25
1775655 Y	SSPC Guide 18	Specifier's Guide for Determining Containment Class and Environmental Monitoring Strategies for Lead-Paint Removal Projects	25
1882180 Y	SSPC Paint 44	Liquid-Applied Organic Polymeric Coatings and Linings for Concrete Structures in Municipal Wastewater Facilities, Performance-Based (Coating Specification No. 44)	25
1775653 Y	SSPC Guide 10	Guide to Specifying Coatings Conforming to Volatile Organic Compound (VOC) Content Requirements (Includes 2004 Revisions)	25

	SSPC Development and Use of Quality	
1775652 SSPC Quality Forms	Control Forms in Coatings Contracting	25
1775651 SSPC Inspection Plan	SSPC Guide for Planning Coatings Inspection	25
	Guide to Safety and Health Requirements	
1775647 SSPC PA Guide 10	for Industrial Painting Projects	25
	Moisture-Cured Polyurethane Primer or	
	Intermediate Coat, Micaceous Iron Oxide	
1775627 SSPC Paint 41	Reinforced, Performance-Based	25
	Zinc-Rich Moisture-Cure Polyurethane	
1775626 SSPC Paint 40	Primer, Performance Based	25
	Standard Procedure for Evaluating the	
	Qualifications of Contractor Who Apply	
	Thermal Spray (Metallizing) for Corrosion	
1815911 SSPC QP 6	Protection of Steel and Concrete Structures	25
	Recyclable Encapsulated Abrasive Media (in	
	a compressible cellular matrix)	25
1907356 SSPC AB 4	Commentary on Qualification Procedures	25
1900382 SSPC QP COM	Application of Thick Film Polyurea and	
	Polyurethane Coatings to Concrete and	
1884090 SSPC PA 14	Steel Using Plural-Component Equipment	25
	Material and Preparation Requirements for	
	Steel Test Panels Used to Evaluate the	
1884091 SSPC PA 15	Performance of Industrial Coatings	25
	Method for Evaluating Scribe Undercutting	
	on Coated Steel Test Panels Following	
1884092 SSPC PA 16	Corrosion Testing	25
	Procedure for Determining Conformance to	
	Steel Profile/Surface Roughness/Peak Count	
1884093 SSPC PA 17	Requirements	25
	Guide for Containing Surface Preparation	
	Debris Generated During Paint Removal	
1894763 SSPC Guide 6	Operations	25
	Preparation of Uncontaminated Rusted	
	Steel Test Panels (formerly SSPC-ME 1,	
1884089 SSPC PA 12	reclassified as SSPC-PA 12 September 2012)	25
	Shop, Field, and Maintenance Painting of	
1917394 SSPC PA 1	Steel	25
	Ambient-Curing Fluoropolymer Finish Coats	
1894764 SSPC TU 12	Applied to Metal Substrates	25
	Guide for Selecting Oil Base Painting	
1212376 SSPC PS Guide 1.00	Systems (Includes 2004 Revisions)	25
	Three-Coat Oil Base Zinc Oxide Painting	
	System (Without Lead or Chromate	
1212377 SSPC PS 1.09	Pigment) (Includes 2004 Revisions)	25
	Four-Coat Oil Base Zinc Oxide Painting	
	System (Without Lead or Chromate	
1212378 SSPC PS 1.10	Pigment) (Includes 2004 Revisions)	25

1212380	SSPC PS Guide 2.00	Guide for Selecting Alkyd Painting Systems (Includes 2004 Revisions)	25
1212382	SSPC PS 4.02	Four-Coat Vinyl Painting System (For Fresh Water, Chemical, and Corrosive Atmospheres) (Includes 2004 Revisions)	25
1212386	SSPC PS 9.01	Cold-Applied Asphalt Mastic Painting System with Extra-Thick Film (Includes 2004 Revisions)	25
1212392	SSPC PS 13.01	Epoxy Polyamide Painting System (Includes 2004 Revisions)	25
1212393	SSPC PS 14.01	Steel Joist Shop Painting System (Includes 2004 Revisions)	25
1212395	SSPC PS 15.01	Chlorinated Rubber Painting System for Salt Water Immersion (Includes 2004 Revisions)	25
1212397	SSPC PS 15.03	Chlorinated Rubber Painting System for Marine and Industrial Atmospheres (Includes 2004 Revisions)	25
1212398	SSPC PS 15.04	Chlorinated Rubber Painting System for Field Application over a Shop-Applied Solvent Base Inorganic Zinc-Rich Primer (Includes 2004 Revisions)	25
1212415	SSPC Paint 17	Chlorinated Rubber Inhibitive Primer (Includes 2004 Revisions)	25
1212419	SSPC Paint 21	White or Colored Silicone Alkyd Paint (Type I - High Gloss and Type II - Medium Gloss) (Includes 2004 Revisions)	25
1212420	SSPC Paint 22	Epoxy Polyamide Paints (Primer, Intermediate, and Topcoat) (Includes 2004 Revisions)	25
1212425	SSPC Paint 26	Slow Drying Linseed Oil Black Maintenance Primer (Without Lead and Chromate Pigments) (Includes 2004 Revisions)	25
1212430	SSPC Paint 31	Single-Package Waterborne Alkyd Primer for Steel Surfaces, Performance-Based (Includes 2004 Revisions)	25
1212434	SSPC Paint 35	Medium Oil Alkyd Primer (Air Dry/Low Bake), Type I and Type II (Includes 2004 Revisions)	25
1212436	SSPC Paint 37	Waterborne Epoxy Coating for Cementitious Substrates, Performance- Based (Includes 2004 Revisions)	25
1212440	SSPC Paint 102	Black Alkyd Paint (Includes 2004 Revisions)	25
1212442	SSPC Paint 106	Black Vinyl Paint (Includes 2004 Revisions)	25
1212443	SSPC Paint 108	High-Build Thixotropic Leafing Aluminum Paint (Includes 2004 Revisions)	25

1212396	SSPC PS 15.02	Chlorinated Rubber Painting System for Fresh Water Immersion (Includes 2004 Revisions)	25
1212417	SSPC Paint 19	Chlorinated Rubber Topcoat Paint (Includes 2004 Revisions)	25
1212381	SSPC PS Guide 4.00	Guide for Selecting Vinyl Painting Systems (Includes 2004 Revisions)	25
1212383	SSPC PS 4.04	Four-Coat White or Colored Vinyl Painting System (For Fresh Water, Chemical, and Corrosive Atmospheres) (Includes 2004 Revisions)	25
1212401	SSPC PS 18.01	Three-Coat Latex Painting System (Includes 2004 Revisions)	25
1212403	SSPC PS Guide 20.00	Guide for Selecting Painting Systems for Boottoppings (Includes 2004 Revisions)	25
1212416	SSPC Paint 18	Chlorinated Rubber Intermediate Coat Paint (Includes 2004 Revisions)	25
1212379	SSPC PS 1.13	One-Coat Oil Base Slow Drying Maintenance Painting System (Without Lead or Chromate Pigments) (Includes 2004 Revisions)	25
1212394	SSPC PS Guide 15.00	Guide for Selecting Chlorinated Rubber Painting Systems (Includes 2004 Revisions)	25
1212402	SSPC PS Guide 19.00	Guide for Selecting Painting Systems for Ship Bottoms (Includes 2004 Revisions)	25
1775648	SSPC PA Guide 11	Protecting Edges, Crevices, and Irregular Steel Surfaces by Stripe Coating	25
1912929	SSPC SP 5 (WAB)/NACE WAB-	White Metal Wet Abrasive Blast Cleaning	25
1929569	SSPC Guide 12	Guide to Illumination of Industrial Coatings Projects	25
1927057	SSPC CS 23.00/AWS C2.23/NA	Specification for the Application of Thermal Spray Coatings (Metallizing) of Aluminum, Zinc, and Their Alloys and Composites for the Corrosion Protection of Steel	48
1938419	SSPC PS 26.00	Aluminum-Pigmented Epoxy Coating System Materials Standard, Performance-	25
1212359	SSPC SP 7 / NACE No. 4	Brush-Off Blast Cleaning	25
1212357	SSPC SP 5 / NACE No. 1	White Metal Blast Cleaning	25
1212365	SSPC SP 14/NACE No. 8	Industrial Blast Cleaning	25
1212361	SSPC SP 10/NACE No. 2	Near-White Blast Cleaning	25
1212358	SSPC SP 6 / NACE No. 3	Commercial Blast Cleaning	25

## APPENDIX F: LIST OF ALL AVAILABLE SDOs FROM MADCAD

## **MADCAD List of Available SDOs:**

### **MADCAD.com - Paid content:**

<a href="#"><u>ACI</u></a>	<u>State Codes:</u>
<a href="#"><u>AISC</u></a>	<a href="#"><u>AR</u></a>
<a href="#"><u>ASA</u></a>	<a href="#"><u>AZ</u></a>
<a href="#"><u>ASCE</u></a>	<a href="#"><u>CA</u></a>
<a href="#"><u>ASHRAE</u></a>	<a href="#"><u>CT</u></a>
<a href="#"><u>ASME</u></a>	<a href="#"><u>FL</u></a>
<a href="#"><u>ASTM</u></a>	<a href="#"><u>ID</u></a>
<a href="#"><u>AWWA</u></a>	<a href="#"><u>LA</u></a>
<a href="#"><u>BHMA</u></a>	<a href="#"><u>MI</u></a>
<a href="#"><u>BOMA</u></a>	<a href="#"><u>MN</u></a>
<a href="#"><u>BSI</u></a>	<a href="#"><u>NC</u></a>
<a href="#"><u>CRSI</u></a>	<a href="#"><u>NJ</u></a>
<a href="#"><u>FGI</u></a>	<a href="#"><u>NY</u></a>
<a href="#"><u>IAPMO</u></a>	<a href="#"><u>OH</u></a>
<a href="#"><u>ICC</u></a>	<a href="#"><u>OR</u></a>
<a href="#"><u>IEEE</u></a>	<a href="#"><u>PA</u></a>
<a href="#"><u>IES</u></a>	<a href="#"><u>RI</u></a>
<a href="#"><u>ISEA</u></a>	<a href="#"><u>SC</u></a>
<a href="#"><u>NFPA</u></a>	<a href="#"><u>SD</u></a>
<a href="#"><u>SMACNA</u></a>	<a href="#"><u>TX</u></a>
<a href="#"><u>TMS</u></a>	<a href="#"><u>VA</u></a>
<a href="#"><u>USGBC</u></a>	<a href="#"><u>VT</u></a>
<a href="#"><u>WILEY</u></a>	<a href="#"><u>WA</u></a>

### **Free content:**

Access Brd  
CFR  
DOJ  
FEMA  
HUD  
OSHA  
OSHPD  
Woodwork Institute

US State & Local Amendments



APPENDIX G: LIST OF ALL AVAILABLE SDOs FROM  
IHS GLOBAL

## **IHS Markit Publishers**

#/1-9

[\(NFPA\) - National Fluid Power Association](#)

[9000STORE - The 9000 Store](#)

### **A**

[A2LA - American Association For Laboratory Accreditation](#)

[A4A - Airlines for America ®](#)

[AA - Aluminum Association](#)

[AABC - Associated Air Balance Council](#)

[AAMI - Association for the Advancement of Medical Instrumentation](#)

[AAMVA - American Association of Motor Vehicle Administrators](#)

[AAPL - American Association of Professional Landmen](#)

[AAR - Association of American Railroads](#)

[AASHTO - American Association of State Highway and Transportation Officials](#)

[AATCC - American Association of Textile Chemists and Colorists](#)

[ABA - American Bankers Association](#)

[ABMA - American Bearing Manufacturers Association](#)

[ABMA/BOIL - American Boiler Manufacturers Association](#)

[ABS - American Bureau of Shipping](#)

[ACADEMIC - Academic Press](#)

[ACCA - Air Conditioning Contractors of America](#)

[ACDE - Association of Commercial Diving Educators](#)

[ACGIH - American Conference of Government Industrial Hygienists](#)

[ACI - American Concrete Institute](#)

[ACS - American Chemical Society](#)

[ADA - American Dental Association](#)

[ADC - Air Diffusion Council](#)

[ADS - Advancing UK Aerospace Defence and Security Industries](#)

[ADSN/WESLY - Addison-Wesley Publishing Co.](#)

[ADVANSTAR - ADVANSTAR](#)

[ADVDM - Advanced Dimensional Management](#)

[AEC - Automotive Electronics Council](#)

[AECMA - AECMA - European Association of Aerospace Industries](#)

[AEIC - Association of Edison Illuminating Companies](#)

[AENOR - Asociacion Espanola de Normalizacion y Certificacion](#)

[AES - Audio Engineering Society](#)

[AF - US Air Force](#)

[AFCEN - AFCEN](#)

[AFNOR - Association Française de Normalisation](#)

[AFS - American Foundrymen's Society](#)

[AGA - American Gas Association](#)  
[AGMA - American Gear Manufacturers Association](#)  
[AHAM - Association of Home Appliance Manufacturers](#)  
[AHRI - Air-Conditioning, Heating and Refrigeration Institute](#)  
[AI/ASPHALT - Asphalt Institute](#)  
[AIA/ARCH - American Institute of Architects](#)  
[AIA/INSURN - American Insurance Association](#)  
[AIA/NAS - Aerospace Industries Association](#)  
[AIAA - American Institute of Aeronautics and Astronautics](#)  
[AIAG - Automotive Industry Action Group](#)  
[AICHE - American Institute of Chemical Engineers](#)  
[AIHA - American Industrial Hygiene Assn.](#)  
[AIIM - Association for Information and Image Management](#)  
[AIM - Association for Automatic Identification & Mobility](#)  
[AISC - American Institute of Steel Construction](#)  
[AISE - Association of Iron and Steel Engineers](#)  
[AISI - American Iron and Steel Institute](#)  
[AIST - Association for Iron and Steel Technology](#)  
[AITC - American Institute of Timber Construction](#)  
[ALBATIK - Al Batik](#)  
[ALI/LADDER - The American Ladder Institute](#)  
[ALI/LIFT - Automotive Lift Insitute](#)  
[ALL - ALL ORGANIZATIONS](#)  
[ALPEMA - Aluminium Plate-Fin Heat Exchanger Manufacturers' Association](#)  
[ALPHAGRAPH - Alpha Graphics](#)  
[ALSC - American Lumber Standards Committee](#)  
[AMACOM - AMACOM Books, A division of the American Management Assn.](#)  
[AMAZON - Amazon.com](#)  
[AMCA - Air Movement and Control Association International, Inc.](#)  
[ANLA - American Nursury and Landscape Association](#)  
[ANMC - American National Metric Council](#)  
[ANS - American Nuclear Society](#)  
[ANSI - American National Standards Institute](#)  
[AOAC - Association of Official Analytical Chemists](#)  
[AOCS - American Oil Chemists' Society](#)  
[APA - APA - The Engineered Wood Association](#)  
[APHA - American Public Health Association](#)  
[API - American Petroleum Institute](#)  
[APSP - Association for Pool & Spa Professionals](#)  
[APTA - American Public Transportation Association](#)  
[AREMA - American Railway Engineering and Maintenance of Way Association](#)

[ARINC - ARINC Industry Activities](#)  
[ARMA/INTL - ARMA International](#)  
[ARMY - US Army](#)  
[ARTECH - Artech House](#)  
[ASA - Acoustical Society of America](#)  
[ASABE - American Society of Agricultural and Biological Engineers](#)  
[ASC/O5 - Accredited Standards Committee/O5](#)  
[ASC/X9 - Accredited Standards Committee/X9](#)  
[ASCE - American Society of Civil Engineers](#)  
[ASD-STAN - ASD-STAN \(Formerly AECMA-STAN\)](#)  
[ASHRAE - American Society of Heating, Refrigerating and Air-Conditioning Engineers](#)  
[ASIS - American Society for Industrial Security](#)  
[ASM - ASM International](#)  
[ASME - ASME International](#)  
[ASNT - American Society of Nondestructive Testing](#)  
[ASQ - American Society for Quality](#)  
[ASSE - American Society of Sanitary Engineering](#)  
[ASSE/SAFE - American Society of Safety Engineers](#)  
[ASSP - American Society of Safety Professionals](#)  
[ASTM - ASTM International](#)  
[ATA/AIR - Air Transport Association of America](#)  
[ATA/TRUCK - American Trucking Association](#)  
[ATIS - Alliance for Telecommunications Industry Solutions](#)  
[AVIXA - AVIXA](#)  
[AWC - American Wood Council](#)  
[AWCI - Association of the Wall and Ceiling Industry](#)  
[AWI - Architectural Woodwork Institute](#)  
[AWPA/WOOD - American Wood Protection Association](#)  
[AWPB - American Wood Preservers Bureau](#)  
[AWPI - American Wood Preservers Institute](#)  
[AWS - American Welding Society, Inc.](#)  
[AWWA - American Water Works Association](#)

## B

[B11/STD - B11 Standards Inc. \(Formerly Association for Manufacturing Technology\)](#)  
[BEN WEESE - Plan Analyst by Ben Weese](#)  
[BENMEADOWS - Munsell Color Charts from Ben Meadows Co.](#)  
[BERNAN - Bernan Associates](#)  
[BFPA - British Fluid Power Association](#)  
[BHMA - Builders Hardware Manufacturers Association, Inc.](#)

[BIA/BRICK - Brick Industry Association](#)  
[BICSI - Advancing the Information and Communications Technology Community](#)  
[BIFMA - Business and Institutional Furniture Manufacturers Association](#)  
[BMI - Battelle Memorial Institute](#)  
[BNAE - Bureau de Normalisation de l'Aéronautique et de l'Espace](#)  
[BOCA - Building Officials and Code Administrators International, Inc.](#)  
[BRE - Building Research Establishment](#)  
[BSI - British Standards Institution](#)  
[BSMI - Bureau of Standards Metrology and Inspection](#)  
[BUTTERWORT - Butterworth Heinemann](#)  
[BUYERS - Buyers' Guide to Aeronautical Standards](#)

## C

[CA - Compressed Air Magazine Company](#)  
[CAA - Civil Aviation Authority](#)  
[CAGI - Compressed Air and Gas Institute](#)  
[CAM-I - Consortium of Advanced Management International](#)  
[CARL - Carl Heymanns Verlag KG](#)  
[CARWIN - CARWIN](#)  
[CASE - C.A.S.E. Inc. - Coordinating Agency for Supplier Evaluation](#)  
[CASTI - Codes and Standards Training, Inc.](#)  
[CCPA - Cemented Carbide Producers Association](#)  
[CCPI - Computer Cabling Products International](#)  
[CCS - CCS](#)  
[CDA - Copper Development Association](#)  
[CEA - Consumer Electronics Association](#)  
[CECC - Cenelec Electronic Components Committee](#)  
[CEI - Comitato Elettrotecnico Italiano](#)  
[CEMA - Conveyor Equipment Manufacturers Association](#)  
[CEN - European Committee for Standardization](#)  
[CENELEC - CENELEC](#)  
[CEPAA - Social Accountability International \(Formerly Council on Economic Priorities\)](#)  
[CEPT - European Conference of the Postal and Telecommunications Administrations](#)  
[CFR - US Code of Federal Regulations](#)  
[CGA/CANADA - Canadian Gas Association](#)  
[CGA/GAS - Compressed Gas Association](#)  
[CGSB - Canadian General Standard Board](#)  
[CHAPMAN - Chapman and Hall](#)  
[CHIZHENGUO - Chi Zhenguo](#)  
[CI/CHLOR - Chlorine Institute](#)

[CIE - The International Commission on Illumination](#)  
[CIMA - Construction Industry Manufacturers Association](#)  
[CISPI - Cast Iron Soil Pipe Institute](#)  
[CLARION - Clarion, Inc.](#)  
[CLSI - Clinical and Laboratory Standards Institute](#)  
[CMAA - Crane Manufacturers Association of America](#)  
[CPA - Composite Panel Association](#)  
[CPC - Chemical Publishing Company](#)  
[CRC - CRC Press](#)  
[CRSI - Concrete Reinforcing Steel Institute](#)  
[CS UK - The Concrete Society](#)  
[CSA - CSA Group](#)  
[CSA/AM - CSA Gas Standards](#)  
[CSI - Construction Specifications Institute, Inc.](#)  
[CTA - Consumer Technology Association \(Formerly CEA\)](#)  
[CTI - Cooling Tower Institute](#)  
[CTI/TILE - Ceramic Tile Institute](#)

## D

[DASMA - DASMA - Door and Access Systems](#)  
[DATAPACK - Product Binders](#)  
[DBS - Department of Building and Safety Supply](#)  
[DDN - DDN Network Information Center](#)  
[DELPHI-I - Delphi Interior and Lighting](#)  
[DELTA - Delta Motor Company](#)  
[DEMA - Truck & Engine Manufacturers Association](#)  
[DESTech - DEStech Publications, Inc.](#)  
[DHA - Decorative Hardwoods Association](#)  
[DHI - Door and Hardware Institute](#)  
[DICOM - Digital Imaging and Communications](#)  
[DIN - Deutsches Institut für Normung E.V.](#)  
[DISA - Data Interchange Standards Association](#)  
[DNVGL - DNV GL](#)  
[DOA - US Department of Agriculture](#)  
[DOC - US Department of Commerce](#)  
[DOD - US Department of Defense](#)  
[DOE - US Department of Energy](#)  
[DOI - US Department of the Interior](#)  
[DOL - US Department of Labor](#)  
[DOT - US Department of Transportation](#)  
[DS - Dansk Standardiseringsråd](#)

DUNEDIN - Dunedin Academic Press Ltd.

## E

EASA - Electrical Apparatus Service Association

EASA/AV - European Aviation Safety Agency

ECA - Electronic Components Industry Association

ECIA - Electronic Components Industry Association

ECMA - ECMA International

EDI - EDI in Business

EDQM - European Directorate for the Quality of Medicines & HealthCare

EEC - European Commission

EEMUA - Engineering Equipment and Materials Users' Association

EI - Energy Institute

EIA - Electronic Industries Alliance

EJMA - Expansion Joint Manufacturers Association

ELEVATOR - Elevator World Inc.

ELSEVIER - Elsevier Science Publishing Company

EMERGO - Emergo Group, Inc. - Formerly SWBC America, Inc.

EMF/EMI - EMF-EMI Control, Inc.

EOP - Office of Federal Register

EPA - US Environmental Protection Agency

EPI - Enterprise Products Integration Pte Ltd

ESA - European Space Agency

ESD - Electrostatic Discharge Association

ESDU - Engineering Sciences Data Unit

ESL - Engineering Societies Library

ESTA - Entertainment Services and Technology Association

ETSI - European Telecommunications Standards Institute

EU/EC - European Union/Commission

EUROBIT - EUROBIT

EUROCAE - European Organization for Civil Aviation Equipment

## F

FAA - US Federal Aviation Administration

FCC - US Federal Communication Commission

FCI - Fluid Controls Institute

FEM - European Materials Handling Federation

FEMA - US Federal Emergency Management Agency

FM - FM Approvals LLC

FMVSS - US Federal Motor Vehicle Safety Standards

FOF - Flow of Fluids

[FORD - Ford Motor Company](#)  
[FSA - Fluid Sealing Association](#)  
[FTZ - Deutsche Bundespost Telekom](#)

## G

[GA - Gypsum Association](#)  
[GAL - G.A.L. Gage Company](#)  
[GANA - Glass Association of North America](#)  
[GME - General Motors Europe](#)  
[GMKOREA - General Motors Korea](#)  
[GMNA - General Motors Company](#)  
[GMSA - General Motors South America](#)  
[GMW - General Motors Worldwide](#)  
[GOODHEART - Goodheart Willcox Publishers](#)  
[GOST - Gosudarstvennye Standarty State Standard Gost \(Russian\)](#)  
[GPA - Gas Processors Association](#)  
[GPO - US Government Printing Office](#)  
[GRAYBOY - Grayboy Associates](#)  
[GSA - General Service Administration](#)

## H

[HEI - Heat Exchange Institute](#)  
[HFES - Human Factors and Ergonomics Society](#)  
[HHS - US Health and Human Services Administration \(FDA\)](#)  
[HI/HYDRAUL - Hydraulic Institute](#)  
[HI/HYDRON - Hydronics Institute](#)  
[HIBC - Health Industry Business Communications Council](#)  
[HIWT - Hobart Institute of Welding Technology](#)  
[HMSO - HMSO Agencies](#)  
[HOBART - Hobart Institute of Welding Technology](#)  
[HOLDEN - Holden Motor Company](#)  
[HPS - Health Physics Society](#)  
[HPVA - Hardwood Plywood Veneer Association](#)  
[HSB - HSB Global Standards](#)  
[HUD - US Housing and Urban Development](#)  
[HUGHES - SciTech](#)

## I

[IADC - International Association of Drilling Contractors](#)  
[IAEI - International Association of Electrical Inspectors](#)  
[IAPMO - International Association of Plumbing and Mechanical Officials](#)



[IATA - International Air Transport Association](#)  
[ICAC - Institute of Clean Air Companies](#)  
[ICAO - International Civil Aviation Organization](#)  
[ICBO - International Conference of Building Officials](#)  
[ICC - International Code Council](#)  
[ICEA - Insulated Cable Engineers Association](#)  
[ICELANDIC - Icelanic Council for Standardization - Technological Institute of Iceland](#)  
[IDEA - Independent Distributors of Electronics Association](#)  
[IEC - International Electrotechnical Commission](#)  
[IEE - Institution of Engineering and Technology](#)  
[IEEE - Institute of Electrical and Electronics Engineers](#)  
[IES - Illuminating Engineering Society](#)  
[IEST - Inst. of Environmental Sciences and Technology](#)  
[IET - Institution of Engineering and Technology](#)  
[IETF - Internet Engineering Task Force](#)  
[IFI/FASTNR - Industrial Fasteners Institute](#)  
[IFSTA - International Fire Service Training Association](#)  
[IHS - IHS Markit Products & Services](#)  
[IHS/COLOMB - IHS Markit Colombia](#)  
[IHS/GMBH - IHS Markit Germany](#)  
[IHS/NORDIC - IHS Markit Nordic AS](#)  
[IIAR - International Institute of Ammonia Refrigeration](#)  
[IIE - Institute of Industrial & Systems Engineers](#)  
[IME - Institute of Makers of Explosives](#)  
[IMI - International Masonry Institute](#)  
[IMO - International Maritime Organization](#)  
[INCITS - InterNational Committee for Information Technology Standards](#)  
[INFOCOMM - InfoComm International](#)  
[IP - The Institute of Petroleum](#)  
[IPC - Association Connecting Electronics Industries](#)  
[IPI - Industrial Press, Inc.](#)  
[IPS - Intellectual Property Shield](#)  
[IRI - HSB Industrial Risk Insurers](#)  
[ISA - International Society of Automation](#)  
[ISANTA - International Staple, Nail and Tool Association](#)  
[ISDI - Insulated Steel Door Institute](#)  
[ISEA - International Safety Equipment Association](#)  
[ISO - International Organization for Standardization](#)  
[ISPE - International Society for Pharmaceutical Engineering](#)  
[ISS - Iron and Steel Society](#)

[ISSA - International Slurry Surfacing Association](#)  
[ISTA - International Safe Transit Association](#)  
[ISUZU - Isuzu Motor Company](#)  
[ITG - IT Governance Ltd.](#)  
[ITS - International Transcription Services](#)  
[ITU-R - International Telecommunications Union - Radiocommunications Sector](#)  
[ITU-T - International Telecommunications Union -Telecommunication  
Standardization Sector](#)  
[IWCA - International Window Cleaning Association](#)

## J

[J-STD - CEIA, CEDIA, InfoComm](#)  
[JAA - Joint Aviation Authorities](#)  
[JACOBS - Jacobs Publishing](#)  
[JANES - IHS Jane's Defense & Security Intelligence & Analysis](#)  
[JEDEC - JEDEC Solid State Technology Association](#)  
[JEITA - Japan Electronics and Information Technology Industries Association](#)  
[JSA - Japanese Standards Association](#)  
[JSAE - Society of Automotive Engineers of Japan](#)

## K

[KCMA - Kitchen Cabinet Manufacturers Association](#)  
[KEY - Key Products, Inc.](#)  
[KODEKS - SNIP Russian Standards](#)  
[KSA - Korean Standards Association](#)

## L

[LC - Library of Congress](#)  
[LEARNING - Learning Plus](#)  
[LIA/LASER - Laser Institute of America](#)  
[LIBERTE - LIBERTE](#)  
[LLOYDS - Lloyds Register of Shipping](#)  
[LPI - Lightning Protection Institute](#)  
[LWW - Lippincott, Williams and Wilkins](#)

## M

[MAAGGEAR - Maag Gear Company, Ltd.](#)  
[MANEY - Maney Publishing](#)  
[MARCEL - Marcel Dekker](#)  
[MBMA - Metal Building Manufacturers Association](#)  
[MCGRAW - McGraw Hill Publishing Company](#)

[MDC - MUMPS Development Committee](#)  
[METASOL - Meta Solutions](#)  
[MHI - Material Handling Industry of America](#)  
[MIA - Masonry Institute of America](#)  
[MICRON - Micron Training](#)  
[MODUK - MODUK - British Defense Standards](#)  
[MPIF - Metal Powder Industries Federation](#)  
[MSS - Manufacturers Standardization Society of the Valve and Fittings Industry](#)  
[MTI - Metal Treating Institute](#)  
[MUNSELL - Munsell Color](#)  
[MUSTER - Muster-Schmidt K](#)

## N

[NAAMM - National Association of Architectural Metal Manufacturers](#)  
[NACE - NACE International](#)  
[NADCA - North American Die Casting Association](#)  
[NAHB - National Association of Home Builders](#)  
[NAIMA - North American Insulation Manufacturers Association](#)  
[NAR - National Association Of Rocketry](#)  
[NASA - National Air and Space Administration](#)  
[NATICK - Natick Research, Development and Engineering Center](#)  
[NATO - North Atlantic Treaty Organization](#)  
[NAVISTAR - Navistar International\(Formerly International Truck and Engine Corporation\)](#)  
[NAVY - US Navy](#)  
[NBBI - The National Board of Boiler and Pressure Vessel Inspectors](#)  
[NBN - Bureau de Normalisation](#)  
[NCMA - National Concrete Masonry Association](#)  
[NCRP - National Council on Radiation Protection and Measurement](#)  
[NCSC - National Computer Security Center](#)  
[NCSL - National Conference of Standards Laboratories](#)  
[NEBB - National Environmental Balancing Bureau](#)  
[NECA - National Electrical Contractors Association](#)  
[NEMA - National Electrical Manufacturers Association](#)  
[NEN - Netherlands Standardization Institute](#)  
[NETA - InterNational Electrical Testing Association](#)  
[NFPA - National Fire Protection Association](#)  
[NFPA/FORST - National Forest Products Association](#)  
[NFRC - National Fenestration Rating Council](#)  
[NG - National Grid](#)  
[NIBS - National Institute of Building Sciences](#)

[NICK - NICKS STDS](#)

[NIOSH - National Institute for Occupational Safety and Health](#)

[NISO - National Information Standards Organization](#)

[NIST - National Institute of Standards and Technology](#)

[NLB - National Lighting Bureau](#)

[NMEA - National Marine Electronics Association](#)

[NONE - NO ORGANIZATIONS \(SDOS\)](#)

[NPES - The Association for Suppliers of Printing Publishing and Converting Technologies](#)

[NPFC - Military and Government Specs & Standards \(Naval Publications and Form Center\)](#)

[NRC - National Research Council Canada](#)

[NRC/NUC - United States Nuclear Regulatory Commission](#)

[NRCA - National Roofing Contractors Association](#)

[NRMC - National Ready Mixed Concrete Association](#)

[NSC - National Safety Council](#)

[NSF - NSF International](#)

[NTIS - National Technical Information Service](#)

[NWWDA - Window and Door Manufacturers Association](#)

## O

[OPEL - Adam Opel Motor Company](#)

[OPIS - OPIS/STALSBY Energy Directories & Databases](#)

[OUP - Oxford University Press](#)

## P

[PACKT - Packt Publishing, Inc.](#)

[PAREXEL - PAREXEL](#)

[PCI/CONCRT - Prestressed Concrete Institute](#)

[PDA - Parental Drug Association](#)

[PDI/PLUMB - Plumbing and Drainage Institute](#)

[PEI - Petroleum Equipment Institute](#)

[PENNWELL - PennWell Books](#)

[PETEX - Petroleum Extension Service](#)

[PETRO - Petroconsultants, Inc.](#)

[PFI - Pipe Fabrication Institute](#)

[PHCC - Plumbing, Heating, Cooling Contractors National Association](#)

[PIA - Parachute Industry Association](#)

[PICMG - PCI Industrial Computer Manufacturers Group](#)

[PIP - Process Industry Practices](#)

[PLASA - Plasa](#)

[PMI - Project Management Institute](#)

[PPI - Plastics Pipe Institute](#)

[PRENTICE - Prentice Hall](#)

[PTI - Post-Tensioning Institute](#)

[PVH - Pressure Vessel Handbook](#)

## Q

## R

[RA - Radiocommunications Agency](#)

[RAC - Reliability Analysis Center](#)

[RACAL - Racal / Vodafone Ltd.](#)

[RANDOM - Penguin Random House](#)

[RIA - Robotic Industries Association](#)

[RSMEANS - Robert S. Means, Inc.](#)

[RTCA - RTCA, Inc.](#)

[RTCM - Radio Technical Commission for Maritime Services](#)

[RVIA - Recreation Vehicle Industry Association](#)

## S

[SAE - SAE International](#)

[SAE-ITC - SAE Industry Technologies Consortia](#)

[SAI - Standards Australia International, Ltd.](#)

[SAIA - Scaffold & Access Industry Association](#)

[SAWE - Society of Allied Weight Engineers, Inc.](#)

[SBCCI - Southern Building Code Congress International](#)

[SCC - Standards Council of Canada](#)

[SCTE - Society of Cable Telecommunication Engineers](#)

[SDI/DECK - Steel Deck Institute](#)

[SDI/DOOR - Steel Door Institute](#)

[SEMI - Semiconductor Equipment and Materials Institute](#)

[SES - The Society for Standards Professionals \(formerly Standards Engineering Society\)](#)

[SFA - Steel Framing Alliance](#)

[SFSA - Steel Founders Society of America](#)

[SIR - Synapse Information Resources, Inc.](#)

[SIS - Standardiseringskommissionen i Sverige \(Sweden\)](#)

[SJI - Steel Joist Institute](#)

[SMACNA - Sheet Metal and Air Conditioning Contractors National Association](#)

[SMPTE - Society of Motion Picture and Television Engineers](#)

[SN - Standards Norway](#)

[SNV - Schweizerische Normen-Vereinigung](#)  
[SNZ - Standards New Zealand](#)  
[SPACECRAFT - Spacecraft International](#)  
[SPE/PETROL - Society of Petroleum Engineers](#)  
[SPI - Society of the Plastics Industry](#)  
[SPIE - International Society for Optics and Photonics](#)  
[SPRINGER - Springer-Verlag New York, Inc.](#)  
[SSPC - The Society for Protective Coatings](#)  
[STAHLSCHLU - Stahlschlüssel](#)  
[STDMETH - Standard Methods \(APHA, AWWA, WEF\)](#)  
[STI - Steel Tank Institute](#)  
[STS - Summit Training Source](#)  
[SVIA - Specialty Vehicle Institute of America](#)  
[SWI - Steel Window Institute](#)  
[SWRI - Sealant and Waterproofers Institute](#)  
[SYENTEK - Syentek, Inc.](#)

## T

[TAPPI - Technical Association of the Pulp and Paper Industry](#)  
[TCA - Tile Council of North America](#)  
[TCIA - Tree Care Industry Association](#)  
[TEC-EASE - TEC-EASE, Inc.](#)  
[TECHAMER - TechAmerica](#)  
[TECHNOLOGY - Technology International, Inc.](#)  
[TELECINE - TELECINE](#)  
[TEMA - Tubular Exchange Manufacturing Association](#)  
[TF - Taylor & Francis Group LLC](#)  
[THE - British Standards Institute - Language Services](#)  
[THHILL - T H Hill Associates, Inc.](#)  
[TI/UK - Technical Indexes, Ltd.](#)  
[TIA - Telecommunications Industry Association](#)  
[TP - Technology Perspectives](#)  
[TPI - Truss Plate Institute](#)  
[TRA - Tire and Rim Association](#)  
[TRB - Transportation and Research Board](#)  
[TSO - TSO - British Pharmacopeia](#)  
[TTMA - Truck Trailer Manufacturers Association](#)  
[TTP - Trans Tech Publications Inc.](#)  
[TUV - Verlag TUV Rheinland](#)  
[TYRELL - Tyrell Press, Ltd.](#)

## U

[UAMA - Unified Abrasives Manufacturers Association](#)

[UCC - GSI \(Formerly the Uniform Code Council\)](#)

[UIC - International Union of Railways](#)

[UL - UL](#)

[ULC - ULC Standards](#)

[UN - United Nations](#)

[UNI - Ente Nazionale Italiano di Unificazione](#)

[UNIPUB - See BERNAN for the Code of Federal Regulations \(CFR\)](#)

[USGBC - U.S. Green Building Council](#)

[USP - The U.S. Pharmacopeial Convention](#)

[USPS - United States Postal Service](#)

## V

[VA - US Department of Veterans Affairs](#)

[VDA - Verband der Automobilindustrie](#)

[VDE - VDE Verlag GmbH](#)

[VDI - Verein Deutscher Ingenieure \(Germany\)](#)

[VGB - VGB Kraftwerkstechnik GmbH](#)

[VITA - VMEBUS International Trade Association](#)

## W

[WCI - Welding Consultants, Inc.](#)

[WCMA - Window Covering Manufacturers Association](#)

[WELDTRAIN - Weld Train](#)

[WESTGROUP - West Group \(Formerly Bancroft-Whitney\)](#)

[WESTPUB - West Publishing](#)

[WILEY - John Wiley and Sons](#)

[WMMA - Wood Machinery Manufacturers of America](#)

[WRC - Welding Research Council](#)

[WSPC - World Scientific Publishing Co., Inc.](#)

## X

## Y

[YAKUJI - Yakuji Nippo](#)

## Z

## APPENDIX H: LIST OF ALL AVAILABLE SDOs FROM TECHSTREET





Techstreet Enterprise

# **Alphabetical List of Standards Developing Organizations (SDOs)**

The following standards collections are available through the Techstreet Enterprise subscription service:

SDO	Name	Industry	NAICS Code
3-A	3-A Sanitary Standards	Manufacturing	311
AA	Aluminum Association	Manufacturing	331
AAMI	Association for the Advancement of Medical Instrumentation	Manufacturing, Medical	339
AARST	American Association of Radon Scientists and Technologists	Building and Construction	236
<b>AASHTO</b>	American Association of State Highway and Transportation Officials	Civil Engineering	237
AATCC	American Association of Textile Chemists and Colourists	Manufacturing	314
ABMA	American Boiler Manufacturers Association	Manufacturing	333
ABMA	American Bearing Manufacturers Association	Manufacturing	333
ABMA	American Brush Manufacturers Association	Manufacturing	333
ACC	American Chemistry Council	Manufacturing	325
<b>ACI</b>	American Concrete Institute	Civil Engineering	237
ADA	American Dental Association	Manufacturing, Medical	339
ADS	SAE ITC TSC Aerospace Standards	Manufacturing, Aerospace	336
AEIC	Association of Edison Illuminating Companies	Manufacturing, Electrical Equipment	335
AENOR	Asociacion Espanola de Normalizacion y Certificacion	National Standards	Multi
AGA	American Gas Association	Oil and Gas	211
AGRSS	Automotive Glass Replacement Safety Standards Committee	Manufacturing, Automotive	336
AHAM	Association of Home Appliance Manufacturers	Manufacturing, Electrical Equipment	335
AHRI	Air Conditioning, Heating, and Refrigeration Institute	Building and Construction	236
AIAA	American Institute of Aeronautics and Astronautics	Manufacturing, Aerospace	336
ALI	The American Ladder Institute	Manufacturing	333
AMCA	Air Movement and Control Association International, Inc.	Building and Construction	236
ANS	American Nuclear Society	Utilities	22

SDO	Name	Industry	NAICS Code
ANSI	American National Standards Institute	National Standards	Multi
ANSI Z246	National Waste & Recycling Association	Waste Management and Remediation	562
AOAC	Association of Official Analytical Chemists	Manufacturing	325
API	American Petroleum Institute	Oil and Gas	211
ASA	Acoustical Society of America	Manufacturing, Electrical Equipment	335
ASABE	American Society of Agricultural and Biological Engineers	Agriculture	111
ASC Z80	Vision Council Standards (ANSI Z80)	Manufacturing, Medical	339
ASCE	American Society of Civil Engineers	Civil Engineering	237
ASD-STAN	ASD-STAN Standardization	Manufacturing, Aerospace	336
ASHE	American Society of Healthcare Engineering	Manufacturing, Medical	339
ASHRAE	American Society of Heating, Refrigerating and Air-Conditioning Engineers	Building and Construction	236
ASIS	American Society for Industrial Security	Manufacturing	333
ASM	ASM International	Manufacturing	331
ASME	ASME International	Multi Industry	Multi
ASQ	American Society for Quality	Manufacturing	333
ASSE	American Society of Safety Engineers	Multi Industry	Multi
ASSE	American Society of Sanitary Engineering	Manufacturing	33
ASTM	ASTM International	Multi Industry	Multi
ATIS	Alliance for Telecommunications Industry Solutions	Technology	517
AWC	American Wood Council	Building and Construction	236
AWI	Architectural Woodwork Institute	Building and Construction	236
AWPA	American Wood Protection Association	Building and Construction	236
AWWA	American Water Works Association	Utilities	22
B11	B11 Standards Inc.	Manufacturing	333
BHMA	Builders Hardware Manufacturers Association, Inc.	Building and Construction	236
BICSI	Advancing the Information and Communications Technology Community	Technology	518
BIFMA	Business and Institutional Furniture Manufacturers Association	Manufacturing	337

SDO	Name	Industry	NAICS Code
BOMA	Building Owners and Managers Association International	Building and Construction	236
BSI	British Standards Institution	National Standards	Multi
BV	Bureau Veritas Consumer Products Services, Inc.	Multi Industry	Multi
CFR	US Code of Federal Regulations	National Standards	Multi
CGA	Compressed Gas Association	Oil and Gas	211
CGSB	Canadian General Standard Board	Building and Construction	236
CIE	The International Commission on Illumination	Manufacturing, Electrical Equipment	335
CISPR	International Special Committee on Radio Interference	Manufacturing, Electrical Equipment	335
CLSI	Clinical and Laboratory Standards Institute	Manufacturing, Medical	339
CMAA	Crane Manufacturers Association	Manufacturing	333
CRSI	Concrete Reinforcing Steel Institute	Building and Construction	236
CSA	Canadian Standards Association	Multi Industry	Multi
<b>CSI</b>	Construction Specifications Institute, Inc.	Building and Construction	236
CTA	Consumer Technology Association	Manufacturing, Electrical Equipment	335
CTI	Cooling Technology Institute	Building and Construction	236
DIN	Deutsches Institut für Normung E.V.	National Standards	Multi
Doxpub	FDA Compliance Documents	Manufacturing, Medical	339
EEC	European Directives	Multi Industry	Multi
EEMUA	Engineering Equipment and Materials Users Association	Multi Industry	Multi
EIMA	EIFS Industry Members Association	Building and Construction	236
ESD	Electrostatic Discharge Association	Manufacturing, Electrical Equipment	335
ETSI	European Telecommunications Standards Institute	Technology	517
FCI	Fluid Controls Institute	Manufacturing	333
FM	FM Approvals LLC	Oil and Gas	211
GANA	Glass Association of North America	Building and Construction	236
GISC	Glazing Industry Secretariat Committee	Building and Construction	236
GPA	Gas Processors Association	Oil and Gas	211

SDO	Name	Industry	NAICS Code
GTRC	Georgia Tech Research Corporation	Building and Construction	236
HEI	Heat Exchange Institute	Manufacturing	333
HFES	Human Factors and Ergonomics	Manufacturing, Medical	339
HI	Hydraulic Institute	Manufacturing	333
HL 7	Health Level 7	Manufacturing, Medical	339
I3A	International Imaging Industry Association	Manufacturing, Electrical Equipment	335
IADC	International Association of Drilling Contractors	Oil and Gas	211
<b>IAPMO</b>	International Association of Plumbing and Mechanical Officials	Building and Construction	236
ICAO	International Civil Aviation Organization	Manufacturing, Aerospace	336
<b>ICC</b>	International Code Council	Building and Construction	236
IEC	International Electrotechnical Commission	Manufacturing, Electrical Equipment	335
<b>IEEE</b>	Institute of Electrical and Electronics Engineers	Manufacturing, Electrical Equipment	335
IES	Illuminating Engineering Society	Manufacturing, Electrical Equipment	335
IEST	Inst. of Environmental Sciences and Technology	Manufacturing	333
ILTV	International Light Transportation Vehicle Association Standards	Transportation	485
IMO	International Maritime Organization	Transportation	483
INCITS	InterNational Committee for Information Technology Standards	Technology	518
IS&T	Society for Imaging Service and Technology Standards	Manufacturing, Electrical Equipment	335
ISEA	International Safety Equipment Association	Manufacturing	333
<b>ISO</b>	International Organization for Standardization	Multi Industry	Multi
ISPE	International Society for Pharmaceutical Engineers	Manufacturing, Medical	339
ISTA	International Safe Transit Association	Transportation	485
JEDEC	JEDEC Solid State Technology Association	Manufacturing, Electrical Equipment	335
JIS/JSA	JIS/JSA Japanese Standards (English Language)	National Standard	Multi

SDO	Name	Industry	NAICS Code
KOK	Metric Book for Worldwide Manufacturing	Manufacturing	333
LIA/LASER	Laser Institute of America	Manufacturing, Electrical Equipment	335
MBMA	Metal Building Manufacturers Association	Building and Construction	236
MIL	Military Specifications and Standards	National Standards	Multi
MMPDS	Battelle Memorial Institute	Manufacturing	331
MPIF	Metal Powder Industrial Federation	Manufacturing	331
MSS	Manufacturers Standardization Society of the Valve and Fittings Industry	Manufacturing	333
NAAMM	National Association of Architectural Metal Manufacturers	Building and Construction	236
NACE	NACE International	Oil and Gas	211
NADCA	North American Die Casting Association	Manufacturing	331
NASA	National Aeronautics and Space Administration	Manufacturing, Aerospace	336
NATO	North Atlantic Treaty Organization	National Standards	Multi
NBBI	The National Board of Boiler and Pressure Vessel Inspectors	Manufacturing	333
NECA	National Electrical Contractors Association	Manufacturing, Electrical Equipment	335
<b>NEMA</b>	National Electrical Manufacturers Association	Manufacturing, Electrical Equipment	335
NETA	InterNational Electrical Testing Association	Manufacturing, Electrical Equipment	335
<b>NFPA</b>	National Fire Protection Association	Building and Construction	236
NFPA	National Fluid Power Association	Manufacturing	333
NISO	National Information Standards Organization	National Standards	Multi
NORSOK	Norwegian Petroleum Standards	Oil and Gas	211
NRC	National Research Council Canada	Building and Construction	236
NSAA	National Ski Areas Association	Recreation Industries	713
NSC	Natural Stone Council	Building and Construction	236
<b>NSF</b>	NSF International	Waste Management and Remediation	541
NZS	Standards New Zealand	National Standards	Multi
OPEI	Outdoor Power Equipment Association	Manufacturing	333

SDO	Name	Industry	NAICS Code
<b>PEI</b>	Petroleum Equipment Institute	Oil and Gas	211
PIP	Process Industry Practices	Oil and Gas	211
PRCI	Pipeline Research Council International	Oil and Gas	211
<b>PSAI</b>	Portable Sanitation Association International	Waste Management and Remediation	562
SA	Standards Australia	National Standards	Multi
SAE	SAE International	Multi Industry	Multi
SAIA	Scaffold & Access Industry Association	Building and Construction	236
SCC	Standards Council of Canada	National Standards	Multi
SCTE	Society of Cable Telecommunication Engineers	Technology	517
<b>SDI</b>	Steel Door Institute	Building and Construction	236
SEPT	Software Engineering Process Technology	Technology	518
<b>SES</b>	The Society for Standards Professionals	Professional, Scientific, & Technical Services Building and Construction	54
SIA	Security Industry Association	Technology	518
SJI	Steel Joist Institute	Building and Construction	236
SMACNA	Sheet Metal and Air Conditioning Contractors National Association	Building and Construction	236
SMPTE	Society of Motion Picture and Television Engineers	Technology	512
SPI	Society of the Plastics Industry Standards	Manufacturing	326
<b>SSPC</b>	The Society for Protective Coatings	Manufacturing	325
TACTA	Textile Care Allied Trade Association Standards	Manufacturing	314
TAPPI	Technical Association of the Pulp and Paper Industry	Manufacturing	321
Tech America	Subsidiary of SAE	Manufacturing, Electrical Equipment	335
TIA	Toy Industry Association Standards (ANSI Z315.1)	Manufacturing	333
TIM	T.I.M. Foundation	Manufacturing	333
TMS	The Masonry Society	Building and Construction	236
Tox Services	Toxicology, Regulatory, Sustainability, and Risk Assessment	Manufacturing, Medical	339
UAMA	Unified Abrasives Manufacturers Association	Manufacturing	333
<b>UL</b>	Underwriters Laboratories	Manufacturing, Electrical Equipment	335

SDO	Name	Industry	NAICS Code
ULC	Underwriters Laboratories of Canada	Manufacturing, Electrical Equipment	335
UOP	Universal Oil Products	Oil and Gas	211
WMMA	Wood Machinery Manufacturers Association Standards	Manufacturing	333
X9	Accredited Standards Committee X9 Financial Standards	Banking and Finance	52



## Who we are

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## **Appendix I – Industry Contacts**

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