

**First Revision No. 19-NFPA 30-2015 [Section No. 2.3]****2.3 Other Publications.****2.3.1 API Publications.**

American Petroleum Institute, 1220 L Street, NW, Washington, DC 20005-4070.

API Specification 12B, *Bolted Tanks for Storage of Production Liquids*, 15th ~~16~~ ¹⁶ edition, 2008 2014 .

API Specification 12D, *Field Welded Tanks for Storage of Production Liquids*, 11th edition, 2008.

API Specification 12F, *Shop Welded Tanks for Storage of Production Liquids*, 12th edition, 2008.

API Standard 620, *Recommended Rules for the Design and Construction of Large, Welded, Low-Pressure Storage Tanks*, 11th ~~12~~ ¹² edition, Addendum 2, 2010 2013 .

API Standard 650, *Welded ~~Steel~~ Tanks for Oil Storage*, 11th ~~12~~ ¹² edition, Addendum 2, 2009 2013 .

API Standard 653, *Tank Inspection, Repair, Alteration, and Reconstruction*, 4th ~~5~~ ⁵ edition, 2012 2014 .

API Standard 2000, *Venting Atmospheric and Low-Pressure Storage Tanks*, 5th ~~7~~ ⁷ edition, 1998 2014 .

API Standard 2350, *Overfill Protection for Storage Tanks in Petroleum Facilities*, 4th edition, 2012.

2.3.2 ASME Publications.

American Society of Mechanical Engineers, Two Park Avenue, New York, NY 10016-5990.

ASME *Boiler and Pressure Vessel Code*, 2010 2015 .

ASME B31, *Code for Process Pressure Piping*, 2012 .

ASME *Code for Unfired Pressure Vessels*, 2010 2015 .

2.3.3 ASTM Publications.

ASTM International, 100 Barr Harbor Drive, P.O. Box C700, West Conshohocken, PA 19428-2959.

ASTM A395/A395M, , *Standard Specification for Ferritic Ductile Iron Pressure-Retaining Castings for Use at Elevated Temperatures*, 1999 (~~reaffirmed 2009~~) (reapproved 2014) .

ASTM D5/D5M, *Standard Test Method for Penetration of Bituminous Materials*, 2013.

ASTM D56, *Standard Test Method for Flash Point by Tag Closed Cup Tester*, 2005 (~~reaffirmed~~ reapproved 2010).

ASTM D86, *Standard Test Method for Distillation of Petroleum Products at Atmospheric Pressure*, 2012.

ASTM D92, *Standard Test Method for Flash and Fire Points by Cleveland Open Cup Tester*, 2012b.

ASTM D93, *Standard Test Methods for Flash Point by Pensky-Martens Closed Cup Tester*, 2012 2015 .

ASTM D323, *Standard Test Method for Vapor Pressure of Petroleum Products (Reid Method)*, 2008 2015a .

ASTM D3278, *Standard Test Methods for Flash Point of Liquids by Small Scale Closed-Cup Apparatus*, 1996 (~~reaffirmed~~ reapproved 2011).

ASTM D3828, *Standard Test Methods for Flash Point by Small Scale Closed Cup Tester*, 2012a.

ASTM D4359, *Standard Test for Determining Whether a Material is a Liquid or a Solid*, 1990 (~~reaffirmed~~ reapproved 2012).

ASTM E119, *Standard Test Methods for Fire Tests of Building Construction and Materials*, 2012a 2014 .

ASTM F852, *Standard Specification for Portable Gasoline Containers for Consumer Use*, 2008.

ASTM F976, *Specification for Portable ~~Kerosine~~ Kerosene and Diesel Containers for Consumer Use*, 2008.

2.3.4 CSA America Publications.

Canadian Standards Association, 5060 ~~Spectrum Way~~, Mississauga 178 Rexdale Blvd, Toronto , ON, L4W-5N6 M9W 1R3, Canada.

CSA B51, *Boiler, Pressure Vessel and Pressure Piping Code*, 2009 2014. Update 1, 2014 .

2.3.5 FM Publications.

FM Global, 1301 Atwood 270 Central Avenue, P.O. Box 7500, Johnston, RI 02919.

Approval Standard for Safety Intermediate Bulk Containers, Class Number 6020, December 2010.

Approval Standard for Storage Cabinets (Flammable and Combustible Liquids) , Class Number 6050, December 1996.

Approval Standard for Safety Containers and Filling, Supply, and Disposal Containers, Class Number 6051 and 6052, May 1976.

Approval Standard for Plastic Plugs for Steel Drums, Class Number 6083, October 2006.

2.3.6 NMFTA Publications.

National Motor Freight Traffic Association, 1001 North Fairfax Street, Suite 600, Alexandria, VA 22314.

National Motor Freight Classification (NMFC), 2012.

2.3.7 NRFC Publications.

National Railroad Freight Committee, 222 South Riverside Plaza, Chicago, IL 60606-5945.

Uniform Freight Classification (UFC), 2005.

2.3.8 STI/SPFA Publications.

Steel Tank Institute, 570 Oakwood Road /Steel Plate Fabricators Association, 944 Donata Ct , Lake Zurich, IL 60047.

STI SP001, *Standard for the Inspection of Aboveground Storage Tanks*, 5th edition, 2011.

2.3.9 UL Publications.

Underwriters Laboratories Inc., 333 Pfingsten Road, Northbrook, IL 60062-2096.

ANSI/UL 30, *Standard for Metal Safety Cans*, 1995, ~~Revised 2009~~ revised 2014 .

UL 58, *Standard for Steel Underground Tanks for Flammable and Combustible Liquids*, 1996, ~~Revised 1998~~ revised 2008 .

ANSI/UL 80, *Standard for Steel Tanks for Oil -Burner Fuels and Other Combustible Liquids*, 2007, ~~Revised 2009~~ revised 2014 .

ANSI/UL 142, *Standard for Steel Aboveground Tanks for Flammable and Combustible Liquids*, 2006, ~~Revised 2010~~ revised 2014 .

UL 971, *Standard for Nonmetallic Underground Piping for Flammable Liquids*, 1995, ~~Revised 2006~~ revised 2006 .

ANSI/UL 499, *Electric Heating Appliances*, 2008 2014 .

ANSI/UL 1275, *Standard for Safety for Flammable Liquid Storage Cabinets*, 2008 2014 .

ANSI/UL 1313, *Standard for Nonmetallic Safety Cans for Petroleum Products*, 1993, ~~Revised 2007~~ revised 2012 .

ANSI/UL 1316, *Standard for Glass-Fiber Reinforced Plastic Underground Storage Tanks for Petroleum Products, Alcohols, and Alcohol-Gasoline Mixtures*, 2006.

ANSI/UL 1746, *Standard for External Corrosion Protection Systems for Steel Underground Storage Tanks*, 2007 revised 2014 .

UL 2080, *Standard for Fire Resistant Tanks for Flammable and Combustible Liquids*, 2000.

ANSI/UL 2085, *Standard for Protected Aboveground Tanks for Flammable and Combustible Liquids*, 1997, ~~Revised 2010~~ revised 2010 .

ANSI/UL 2208, *Standard for Solvent Distillation Units*, 2005, ~~Revised 2011~~ revised 2011 .

ANSI/UL 2245, *Standard for Below-Grade Vaults for Flammable Liquid Storage Tanks*, 2006.

UL 2368, *Standard for Fire Exposure Testing of Intermediate Bulk Containers for Flammable and Combustible Liquids*, 2012 2014 .

2.3.10 UN Publications.

United Nations Headquarters, New York, NY 10017.

Recommendations on the Transport of Dangerous Goods, 17th 19th revised edition, 2011.

2.3.11 U.S. Government Publications.

U.S. Government Printing Publishing Office, Washington, DC 20402.

Title 33, Code of Federal Regulations, "Navigation and Navigable Waters," Parts 154, 155, and 156.

Title 46, Code of Federal Regulations, "Shipping," Parts 30, 32, 35, and 39.

Title 49, Code of Federal Regulations, "Transportation," Parts 100–199.

2.3.12 Other Publications.

Merriam-Webster's Collegiate Dictionary, 11th edition, Merriam-Webster, Inc., Springfield, MA, 2003.

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Committee Statement

Committee Statement: Referenced current SDO names, addresses, standard names, and years.

Response Message:

[Public Input No. 5-NFPA 30-2015 \[Section No. 2.3\]](#)

[Public Input No. 38-NFPA 30-2015 \[Section No. 2.3.1\]](#)

[Public Input No. 81-NFPA 30-2015 \[Section No. 2.3.3\]](#)

[Public Input No. 78-NFPA 30-2015 \[Section No. 2.3.9\]](#)

[Public Input No. 84-NFPA 30-2015 \[Section No. 2.3.9\]](#)

**First Revision No. 409-NFPA 30-2015 [Section No. 2.4]****2.4** References for Extracts in Mandatory Sections.

NFPA 52, *Vehicular Gaseous Fuel Systems Code*, 2013 2016 edition.

NFPA 55, *Compressed Gases and Cryogenic Fluids Code*, 2013 2016 edition.

NFPA 77, *Recommended Practice on Static Electricity*, 2014 edition.

NFPA 101[®], *Life Safety Code*[®], 2015 edition.

NFPA 307, *Standard for the Construction and Fire Protection of Marine Terminals, Piers, and Wharves*, 2011 2016 edition.

NFPA 400, *Hazardous Materials Code*, 2013 2016 edition.

NFPA 5000[®], *Building Construction and Safety Code*[®], 2015 edition.

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Committee Statement

Committee Statement: Reference documents have been updated to current editions.

Response Message:

**First Revision No. 23-NFPA 30-2015 [Section No. 6.6.1]****6.6.1***

An approved means shall be provided for prompt notification of fire or other emergency to those within the plant and to the available public or mutual aid fire department shall be provided identified in the emergency action plan in accordance with Section 6.8 .

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Submittal Date: Fri Sep 18 09:35:57 EDT 2015

Committee Statement

Committee Statement: This FR addresses the intent of PI 40, but has been revised to more clearly identify those affected by a potential fire or other emergency as indicated in the emergency action plan.

Response Message:

[Public Input No. 40-NFPA 30-2015 \[Section No. 6.6.1\]](#)

**First Revision No. 3-NFPA 30-2015 [Section No. 6.9.2]****6.9.2**

Maintenance and operating practices shall be established and implemented to prevent and control leakage and prevent spillage of flammable and combustible liquids.

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Submission Date: Thu Sep 10 18:06:56 EDT 2015

Committee Statement

Committee Statement: This FR addresses PI 41 and PI 42. Changes have been made to address both prevention of leaks and spills as well as control of leaks and spills should they occur.

Response Message:

[Public Input No. 42-NFPA 30-2015 \[Section No. 6.9.2\]](#)

[Public Input No. 41-NFPA 30-2015 \[Section No. 6.9.2\]](#)

**First Revision No. 5-NFPA 30-2015 [Section No. 6.10.1.1]****6.10.1.1**

This section shall apply to the management methodology used to identify, evaluate, and control the security hazards involved in the processing, storage, and handling of flammable and combustible liquids.

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Submission Date: Thu Sep 10 19:30:10 EDT 2015

Committee Statement

Committee Statement: This committee-generated FR addresses the fact that storage of liquids is within the scope of the code and should appropriately be addressed by any security measures.

Response Message:

**First Revision No. 4-NFPA 30-2015 [Section No. G.1]****G.1 General.**

The process used to assess the level of security of a facility is generally referred to as security vulnerability assessment (SVA). The following published guidelines are available to assist the owner and management of a facility to identify, evaluate, and control security hazards:

- (1) NFPA 730, *Guide for Premises Security*
- (2) American Institute of Chemical Engineers—Center for Chemical Process Safety (CCPS), *Guidelines for Analyzing and Managing the Security Vulnerabilities of Fixed Chemical Sites*
- (3) API, *Security Guidelines for the Petroleum Industry*
- (4) API RP 70, *Security for Offshore Oil and Natural Gas Operations*
- (5) API RP 70I, *Security for Worldwide Offshore Oil and Natural Gas Operations*
- (6) API Standard 1164, *Pipeline SCADA Security*
- (7) API/National Petrochemical and Refiners Association, *Security Vulnerability Assessment Methodology*
- (8) American Chemistry Council (ACC), *Site Security Guidelines for the U.S. Chemical Industry*
- (9) ACC, *Implementation Resource Guide for Responsible Care Security Code of Management Practices: Value Chain Activities*
- (10) ACC, *Transportation Security Guidelines for the U.S. Chemical Industry*
- (11) DOT, Office of Pipeline Safety, Pipeline Security Information Circular, Information of Concern to Pipeline Security Personnel, *Security Guidance for Natural Gas, and Hazardous Liquid Pipelines and Liquefied Natural Gas Facilities*, September 5, 2002
- (12) Sandia National Laboratories, "Vulnerability Assessment Methodology for Chemical Facilities (VAM-CF)"
- (13) U.S. Coast Guard, NVIC 11-02 (and other NVICs)

In some cases, a terrorist attack or similar worst-case event will create response complications, such as interruptions to communication between and among the facility fire brigade or response team; facility management, and response personnel; and outside agencies; damage to response equipment; or loss of needed personnel. Existing emergency response plans should be updated to address and mitigate such identified potential disruptions to an effective response. Periodic table-top and full-scale drills are strongly recommended to provide a means for proper training and identification of plan weaknesses to be addressed.

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Committee Statement

Committee Statement: Title of reference document has been corrected.

Response Message:

Public Input No. 65-NFPA 30-2015 [Section No. G.1]

**First Revision No. 20-NFPA 30-2015 [Section No. I.1.2]****I.1.2 Other Publications.****I.1.2.1 ACC Publications.**

American Chemistry Council, 700 Second Street, N.E., Washington DC 20002.

Implementation Resource Guide for Responsible Care Security Code of Management Practices: Value Chain Activities, 2002.

Site Security Guidelines for the U.S. Chemical Industry, 2001.

Transportation Security Guidelines for the U.S. Chemical Industry, 2001.

I.1.2.2 AIChE Publications.

American Institute of Chemical Engineers, 3 Park Avenue 120 Wall Street, FL 23, New York, NY 10046 10005-4020 .

Fisher, H. G., and Forrest, H. S., "Protection of Storage Tanks from Two-Phase Flow Due to Fire Exposure," *Process Safety Progress*, Vol. 14, July 1995, pp. 183–199.

Guidelines for Analyzing and Managing the Security Vulnerabilities of Fixed Chemical Sites, 2003.

Guidelines for Chemical Process Quantitative Risk Analysis, 2nd edition, 1999.

Guidelines for Evaluating Process Plant Buildings for External Explosions and Fires and Toxic Releases, 1996 2012 .

Guidelines for Facility Siting and Layout , 2003.

Guidelines for Pressure Relief and Effluent Handling Systems, 1998.

Guidelines for Vapor Cloud Explosion, Pressure Vessel Burst, BLEVE and Flash Fire Hazards, 2nd edition, 2011.

Houser, J., et al., "Vent Sizing for Fire Considerations: External Fire Duration, Jacketed Vessels, and Heat Flux Variations Owing to Fuel Consumption," *Journal of Loss Prevention in the Process Industries*, Vol. 14 No. 5, September 2001, pp. 403–412.

Nugent, D. P., Freeman, J. L., and Oliszewicz, M. P., *Guidelines for Safe Warehousing of Chemicals*, 1998.

I.1.2.3 ANSI Publications.

American National Standards Institute, Inc., 25 West 43rd Street, 4th Floor, New York, NY 10036.

ANSI Z400.1/ Z129.1, *Hazardous Industrial Chemicals—Precautionary Labeling Workplace Chemicals - Hazard Evaluation and Safety Data Sheet and Precautionary Labeling Preparation* , 2005 2010 .

ANSI Z535.2, *Environmental and Facility Safety Signs*, 2011.

I.1.2.4 API Publications.

American Petroleum Institute, 1220 L Street, NW, Washington, DC 20005.

API RP 70, *Security for Offshore Oil and Natural Gas Operations*, 1st edition, 2003, reaffirmed 2010 .

API RP 70I, *Security for Worldwide Offshore Oil and Natural Gas Operations*, 1st edition, 2004, reaffirmed 2012 .

API Specification 12R1, *Setting, Maintenance, Inspection, Operation, and Repair of Tanks in Production Service*, 2008.

API RP 500, *Recommended Practice for Classification of Locations for Electrical Installations at Petroleum Facilities Classified as Class I, Division 1 and Division 2*, ~~Revision 2 3rd edition~~ , 1998 2012 .

~~ANSI/~~ API RP 505, *Recommended Practice for Classification of Locations for Electrical Installations at Petroleum Facilities Classified as Class I, Zone 0, Zone 1, and Zone 2*, 2002.

API Standard 620, *Recommended Rules for the Design and Construction of Large, Welded, Low-Pressure Storage Tanks*, ~~11th 12th~~ edition, 2012 2013 .

API Standard 650, *Welded Steel Tanks for Oil Storage*, ~~11th 12th~~ edition, 2011 2013 .

API Standard 653, *Tank Inspection, Repair, Alteration, and Reconstruction*, ~~4th 5th~~ edition, 2012 2014 .

API RP 752, *Management of Hazards Associated with Location of Process Plant Buildings*, 3rd edition, 2009.

API RP 753, *Management of Hazards Associated with Location of Process Plant Portable Buildings*, 1st edition, 2007 (R2012) , reaffirmed 2012 .

API Standard 1164, *Pipeline SCADA Security*, Edition 2, 2009.

API 1501, *Filtration and Dehydration of Aviation Fuels*, ~~1st 4th~~ edition, 1965.

API RP 1604, *Removal and Disposal Closure of Used Underground Petroleum Storage Tanks*, 3rd edition, reaffirmed 2004 2013 .

API RP 1615, *Installation of Underground Petroleum Storage Systems*, 6th edition, 2011.

API RP 1621, *Bulk Liquid Stock Control at Retail Outlets*, ~~2004 5th~~ edition, 1993, reaffirmed 2012 .

API RP 1631, *Interior Lining of Underground Storage Tanks*, 5th edition, reaffirmed 2010.

API RP 1632, *Cathodic Protection of Underground Petroleum Storage Tanks and Piping Systems*, 3rd edition, reaffirmed 2010.

API Standard 2003, *Protection Against Ignition Arising Out of Static, Lightning, and Stray Currents*, 7th edition, 2008.

API Standard 2015, *Cleaning Petroleum Storage Tanks*, ~~6th 7th~~ edition, reaffirmed 2006 2014 .

API RP 2016, *Guidelines and Procedures for Entering and Cleaning Petroleum Storage Tanks*, 1st edition, reaffirmed 2006.

API Publication 2214, *Spark Ignition Properties of Hand Tools*, 4th edition, 2004.

API Standard 2217A, *Guidelines for Work in Inert Confined Spaces in the Petroleum Industry*, ~~4th 5th~~ edition, 2009 2015 .

API Publication 2218, *Fireproofing Practices in Petroleum and Petrochemical Processing Plants*, ~~2nd 3rd~~ edition, 1999 2013 .

API Publication 2219, *Safe Operating Guidelines for Vacuum Trucks in Petroleum Service*, 3rd edition, 2005, reaffirmed 2012 .

API Standard 2350, *Overfill Protection for Storage Tanks in Petroleum Facilities*, 4th edition, 2012.

API *Security Guidelines for the Petroleum Industry*, 3rd edition, 2005.

API Standard 2610, *Design, Construction, Operation, Maintenance, and Inspection of Terminal and Tank Facilities*, 2nd edition, 2005, reaffirmed 2010 .

API Publication, "An Engineering Analysis of the Effects of Oxygenated Fuels on Marketing Vapor Recovery Equipment," September 1990.

API Publication 4589, *Fugitive Hydrocarbon Emissions from Petroleum Production Operations*, 1st edition , 1993.

API/National Petrochemical and Refiners Association, *Security Vulnerability Assessment Methodology*, 2nd edition, 2004.

I.1.2.5 Association of Canadian Distillers Publications.

Association of Canadian Distillers, Suite 518, 90 Rue Sparks, Ottawa, Ontario, K1P 5B4, Canada.

"Fire Tests of Distilled Spirits Storage Tanks," Client Report CR-5727.1, 2001.

I.1.2.6 ASTM Publications.

ASTM International, 100 Barr Harbor Drive, P.O. Box C700, West Conshohocken, PA 19428-2959.

ASTM C-1055 C1055, *Standard Guide for Heated System Surface Conditions that Produce Contact Burn Injuries*, 2003 (Reaffirmed-2009 reapproved 2014).

ASTM D-4206 D4206, *Standard Test Method for Sustained Burning of Liquid Mixtures Using the Small Scale Open-Cup Apparatus*, 1996 (reaffirmed-2007 reapproved 2013).

ASTM D-4207 D4207, *Standard Test Method for Sustained Burning of Low Viscosity Liquid Mixtures by the Wick Test*, 1991.

ASTM D-4956 D4956, *Standard Specification for Retroreflective Sheeting for Traffic Control*, 2011a 2013.

ASTM D-6469 D6469, *Standard Guide for Microbial Contamination in Fuels and Fuel Systems*, 2012 2014.

ASTM E-119 E119, *Standard Test Methods for Fire Tests of Building Construction and Materials*, 2012a 2015.

ASTM E-502 E502, *Standard Test Method for Selection and Use of ASTM Standards for the Determination of Flash Point of Chemicals by Closed Cup Methods*, 2007e1 (reapproved 2013).

ASTM Manual on Flash Point Standards and Their Use, 1992.

I.1.2.7 ISO Publications.

International Organization for Standardization, 1, ch. de la Voie-Creuse, Case postale 56, CH-1211 Geneva 20 ISO Central Secretariat, BIBC II, 8, Chemin de Blandonnet, CP 401, 1214 Vernier, Geneva, Switzerland.

ISO 13732-1, *Ergonomics of the Thermal Environment -- Methods for the Assessment of Human Responses to Contact with Surfaces Part 1: Hot Surfaces*, 2006 edition.

I.1.2.8 NACE Publications.

National Association of Corrosion Engineers NACE International, 1440 South Creek Drive, Houston, TX 77084.

NACE RP SP -0169, *Recommended Practice, Control of External Corrosion on Underground or Submerged Metallic Piping Systems*, 1996 2013.

NACE RP SP -0285, *Recommended Practice, External Corrosion Control of Underground Storage Tank Systems by Cathodic Protection*, 2002 2011.

I.1.2.9 NEIWPC Publications.

New England Interstate Water Pollution Control Commission, 85 Merrimac Street, Boston, MA 02114.

Tank Closure Without Tears: An Inspector's Safety Guide, May 1988.

I.1.2.10 NIOSH Publications.

National Institute for Occupational Safety and Health, Centers for Disease Control and Prevention, 1600 Clifton Road, Atlanta, GA 30333.

Criteria for Recommended Standard for Working in Confined Spaces, 1979.

NIOSH 87-113, *A Guide to Safety in Confined Spaces*, 1987.

I.1.2.11 NORA Publications.

National Oilheat Research Alliance, 600 Cameron Street, Suite 600, Alexandria, VA 22314.

Oilheat Technician's Manual, 2002.

I.1.2.12 Oil and Gas Journal Publications.

PennWell Publishing Co., 3050 Post Oak Boulevard, Houston 1455 West Loop South, Suite #400, TX 77056 77027.

"Module Ventilation Rates Quantified," W. E. Gale, December 23, 1985, p. 41.

I.1.2.13 PEI Publications.

Petroleum Equipment Institute, P.O. Box 2380, Tulsa, OK 74101-2380.

PEI RP100, *Recommended Practices for Installation of Underground Liquid Storage Systems*, 2011.

PEI RP200, *Recommended Practices for Installation of Aboveground Storage Systems for Motor Vehicle Fueling*, 2008 2013.

PEI RP600, *Recommended Practices for Overfill Prevention for Shop-Fabricated Aboveground Tanks*, 2012.

I.1.2.14 SFPE Publications.

Society of Fire Protection Engineers, 7315 Wisconsin Avenue 9711 Washingtonian Blvd , Suite 1225-W 380 , Bethesda Gaithersburg , MD 20814 20878 .

Directory of Fire Tests Involving Storage of Flammable and Combustible Liquids in Small Containers, 3rd edition, by David P. Nugent, Schirmer Engineering Corporation, 2006.

Engineering Guide: Assessing Flame Radiation to External Targets from Pool Fires, 1999.

Engineering Guide: Predicting 1st and 2nd Degree Skin Burns from Thermal Radiation, 2000.

Engineering Guide to Fire Exposures to Structural Elements, 2004.

Engineering Standard on Calculating Fire Exposures to Structures, 2010.

Handbook of Fire Protection Engineering, 2008.

I.1.2.15 STI/SPFA Publications.

Steel Tank Institute, 570 Oakwood Road /Steel Plate Fabricators Association, 944 Donata Ct. , Lake Zurich, IL 60047.

SP001, *Standard for Inspection of Aboveground Storage Tanks*, 5th edition, 2011.

STI-P3, *Specification and Manual for External Corrosion Protection of Underground Steel Storage Tanks*, 2012 2014 .

STI R931, *Double Wall AST Installation and Testing F921[®] Installation Instructions*, 2012 2014 .

STI RP 892, *Recommended Practice for Corrosion Protection of Underground Piping Networks Associated with Liquid Storage and Dispensing Systems*, 2012.

STI RP R011, *Recommended Practice for Anchoring of Steel Underground Storage Tanks*, 2006.

STI, ACT-100[®], *Specification for External Corrosion Protection of FRP Composite Steel Underground Tanks*, F894, 1997 2013, revised 2014 .

Keeping Water Out of Your Storage System, 2004 2015 .

I.1.2.16 UL Publications.

Underwriters Laboratories Inc., 333 Pfingsten Road, Northbrook, IL 60062-2096.

ANSI/UL 30, *Standard for Metal Safety Cans*, 1995, R r evised 2009 2014 .

ANSI/UL 142, *Standard for Steel Aboveground Tanks for Flammable and Combustible Liquids*, 2006, R r evised 2010 2014 .

ANSI/UL 263, *Standard for Fire Tests of Building Construction and Materials*, 2011, revised 2015 .

ANSI/UL 1313, *Standard for Nonmetallic Safety Cans for Petroleum Products*, 2005, R r evised 2007 2012 .

UL 1316, *Standard for Glass-Fiber-Reinforced Plastic Underground Storage Tanks for Petroleum Products, Alcohols, and Alcohol-Gasoline Mixtures*, 1994, R r evised 2006.

ANSI/UL 1709, *Standard for Rapid Rise Fire Tests of Protection Materials for Structural Steel*, 2005, R r evised 2011.

ANSI/UL 1746, *Standard for External Corrosion Protection Systems for Steel Underground Storage Tanks*, 2007, revised 2014 .

I.1.2.17 ULC Publications.

Underwriters Laboratories of Canada, 7 Underwriters Road, Scarborough Toronto , Ontario M1R 3B4 3A9 , Canada.

CAN/ULC-S603.1, *Standard for External Corrosion Protection Systems for Steel Underground Tanks for Flammable and Combustible Liquids*, 2011.

I.1.2.18 UN Publications.

United Nations Publications, 2 United Nations Plaza, Room DC2-853, New York, NY 10017.

Recommendations on the Transport of Dangerous Goods, 17th 19th revised edition, 2011, 2015.

I.1.2.19 U.S. Government Publications.

U.S. Government Printing Publishing Office, Washington, DC 20402.

DOT, Office of Pipeline Safety, Pipeline Security Information Circular, Information of Concern to Pipeline Security Personnel, *Security Guidance for Natural Gas, and Hazardous Liquid Pipelines and Liquefied Natural Gas Facilities*, September 5, 2002.

U.S. Coast Guard NVIC 11-02 and other NVICs.

EPA Protocols for Generating Unit-Specific Emission Estimates for Equipment Leaks of VOC and HAP, 1987 (Document No. 87-222-124-10-02).

EPA/Radian Study, 1979.

Occupational Safety and Health Administration (OSHA) 2226, *Excavation & Trenching Operations*, 1990 2002.

Title 21, Code of Federal Regulations, Part 800-898, "GMP for Medical Devices."

Title 29, Code of Federal Regulations, Part 1910.106, "Flammable and Combustible Liquids."

Title 29, Code of Federal Regulations, Part 1910.1200, "Hazard Communication."

Title 33, Code of Federal Regulations, Parts 154-156, "Navigation and Navigable Waterways."

Title 40, Code of Federal Regulations, Part 280, "Technical Standards and Requirements for Owners and Operators of Underground Storage Tanks."

Title 49, Code of Federal Regulations, Parts 100-199, "Hazardous Materials Transportation."

I.1.2.20 Other Publications.

Sandia National Laboratories, "Vulnerability Assessment Methodology for Chemical Facilities (VAM-CF)".

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Committee Statement

Committee Statement: Information on reference documents has been updated.

Response Message:

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[Public Input No. 33-NFPA 30-2015 \[Section No. I.1.2\]](#)

[Public Input No. 39-NFPA 30-2015 \[Section No. I.1.2.4\]](#)

[Public Input No. 80-NFPA 30-2015 \[Section No. I.1.2.16\]](#)

**First Revision No. 410-NFPA 30-2015 [Section No. I.3]**

I.3 References for Extracts in Informational Sections.

NFPA 307, *Standard for the Construction and Fire Protection of Marine Terminals, Piers, and Wharves*, 2011 2016 edition.

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Committee Statement

Committee Statement: Updated reference to current edition.

Response Message: