

CHAPTER 7

REFERENCED STANDARDS

This chapter lists the standards that are referenced in various sections of this document. The standards are listed herein by the promulgating agency of the standard, the standard identification, the effective date and title. The application of the referenced standards shall be as specified in Section 102.2.

AHRI Air Conditioning, Heating and Refrigeration Institute
2111 Wilson Boulevard, Suite 500
Arlington, VA 22201

Standard reference number	Title	Referenced in standard section number
AHRI 1160—2014	Performance Rating of Heat Pump Pool Heaters.	Table 406.3

ANSI American National Standards Institute
25 West 43rd Street, Fourth Floor
New York, NY 10036

Standard reference number	Title	Referenced in standard section number
ANSI Z21.22—2015/CSA 4.4—2015	Relief Valves for Hot Water Supply Systems404.5
ANSI Z21.56/CSA 4.7a—2013	Gas Fired Pool Heaters.	Table 406.3

APSP The Association of Pool & Spa Professionals
2111 Eisenhower Avenue
Alexandria, VA 22314

Standard reference number	Title	Referenced in standard section number
ANSI/PHTA/ICC 7—2013	American National Standard for Suction Entrapment Avoidance in Swimming Pools, Wading Pools, Spas, Hot Tubs, and Catch Basins.302.9
ANSI/PHTA/ICC 16—2017	American National Standard for Suction Fittings for Use in Swimming Pools, Wading Pools, Spas and Hot Tubs.302.9

ASSE ASSE International
18927 Hickory Creek Drive, Suite 220
Mokena, IL 60448

Standard reference number	Title	Referenced in standard section number
ASSE 1017—2009	Performance Requirements for Temperature Actuated Mixing Valves for Hot Water Distribution Systems.413.1

REFERENCED STANDARDS

CPSC

Consumer Product Safety Commission
4330 East West Highway
Bethesda, MD 20814

Standard reference number	Title	Referenced in standard section number
16 CFR Part 1500—2009	Hazardous Substances and Articles; Administration and Enforcement Regulations	304.4.4

CSA

Canadian Standards Association
8501 East Pleasant Valley
Cleveland, OH 44131-5516

Standard reference number	Title	Referenced in standard section number
ANSI Z21.56/ CSA 4.7a—2013	Gas Fired Pool Heaters	Table 406.3
CSA 22.1—2018	Canadian Electrical Code (CEC), Part I	301.2, 402.1.5, 406.5, 409.1, 409.1.2, 409.3,
CSA 22.2 No. 108—2014	Liquid Pump	405.1.4
CSA C22.2 No. 218.1 M89 (2013)	Spas, Hot Tubs and Associated Equipment	405.1.4, Table 406.3
CSA C22.2 No. 236—2015	Heating and Cooling Equipment.	Table 406.3
CSA E60730-1—2015 (R2015)	Automatic Electrical Controls for Household and Similar Use—Part 1: General Requirements	409.1

DOE

U.S Department of Energy
c/o Superintendent of Document
100 Independence Avenue SW
Washington, DC 20585

Standard reference number	Title	Referenced in standard section number
1991–2005 Update	National Solar Radiation Database, Typical Meteorological Year 3 Weather Files, NREL (https://nsrdb.nrel.gov)	501.3

FDA

U.S. Food and Drug Administration
10903 New Hampshire Avenue
Silver Spring, MD 20993

Standard reference number	Title	Referenced in standard section number
Code of Federal Regulations, Title 21	Food and Drugs, Chapter 1, Food and Drug Administration, Parts 174–186.	304.4.1

ICC

International Code Council, Inc.
500 New Jersey Ave, NW
6th Floor
Washington, DC 20001

Standard reference number	Title	Referenced in standard section number
ICC 901/ SRCC Standard 100—2020	Thermal Collector Standard	402.1
ICC 900/ SRCC Standard 300—2020	Solar Thermal System Standard	407.1, 411.1.2
IBC—21	International Building Code®	602.1
IFC—21	International Fire Code®	304.4.2, 304.4.3, 304.4.4, 602.1
IFGC—21	International Fuel Gas Code®	406.5
IMC—21	International Mechanical Code®	602.1, 301.9, 406.5
IPC—21	International Plumbing Code®	301.7, 602.1
ISPSC—21	International Pool and Spa Code®	406.2, 602.1
IRC—21	International Residential Code®	301.7, 301.9, 602.1

IEC

IEC Central Office
3, rue de Varembe, 1st floor
P.O. Box 131
CH - 1211 Geneva 20, Switzerland

Standard reference number	Title	Referenced in standard section number
IEC 61215-1—2016	Terrestrial photovoltaic (PV) modules—Design qualifications and type approval— Part 1: Test Requirements	414.1
IEC 61646—2008	Thin-film terrestrial photovoltaic (PV) modules—Design qualification and type approval	414.1

ISO

International Organization for Standardization
ISO Central Secretariat
1 ch, de la Voie-Creuse, Case Postale 56
CH-1211 Geneva 20, Switzerland

Standard reference number	Title	Referenced in standard section number
ISO 9488—1999	Solar Energy—Vocabulary	201.2

NFPA

National Fire Protection Association
1 Batterymarch Park
Quincy, MA 02169-7471

Standard reference number	Title	Referenced in standard section number
NFPA 70—20	National Electrical Code	301.2, 402.1.5, 406.5, 409.1, 409.1.2, 409.3, 602.1

REFERENCED STANDARDS



UL LLC
 333 Pfingsten Road
 Northbrook, IL 60062-2096

Standard reference number	Title	Referenced in standard section number
508A—2018	Standard for Industrial Control Panels	409.1.4
873—2007	Standard for Temperature-Indicating and Regulating Equipment	409.1
1004-1—2012	Standard for Rotating Electrical Machines General Requirements— with revisions through June 23, 2011	405.1.4
1030—2015	Standard for Sheathed Heating Elements	414.3
1081—2016	Standard for Swimming Pool Pumps, Filters and Chlorinators— with revisions through May, 2013.	405.1.4
1261—2016	Standard for Electric Water Heaters for Pools and Tubs	Table 406.3
1563—2009	Standard for Electric Hot Tubs, Spas and Associated Equipment— with revisions through July 2012	405.1.4, Table 406.3
1703—2002	Standard for Flat-Plate Photovoltaic Modules and Panels— with revisions through November 2014	414.1
1741—2010	Standard for Inverters, Converters, Controllers and Interconnection System Equipment for Use with Distributed Energy Resources	414.2
1995—2015	Heating and Cooling Equipment.	Table 406.3
60730-1—2016	Standard for Safety Automatic Electrical Controls for Household and Similar Use, Part 1: General Requirements	409.1