


Announcing: CSA/ANSI Z21.58:22/CSA 1.6:22 Outdoor Cooking Gas Appliances

	Standard Number	Standard Title	Effective Date	Class Numbers	Notice Title	Supersedes/Supplements
	CSA/ANSI Z21.58:22/CSA 1.6:22	Outdoor Cooking gas appliances	Oct 1, 2025	2711 04, 2711 84	Gas Products No. 496B	Supersedes Gas products No. 496A

DETAILS

Standard:

CSA/ANSI Z21.58:22/CSA 1.6:22 Outdoor Cooking gas appliances

Programs:

Outdoor cooking gas appliance certification

Who is affected:

Manufacturers of Outdoor cooking gas appliances

Standard Publication Date:

Jun 30, 2022

The standard edition or amendments announced in this Deferred Action Notice may be used for CSA certification as of the issue date of this document.

Deferred Action Notice Effective Date:

Oct 1, 2025

Applications for new certifications and updates to existing certifications received on or after the stated Effective Date shall be evaluated to the edition of the standard announced in this Deferred Action Notice.

View my Listings:

<https://www.csagroup.org/testing-certification/product-listing/>

Enter your Master Contract # and the class numbers associated with this Notice to determine which of your products are affected.

NEXT STEPS:

Already Certified:

It is not necessary to re-submit for test and/or evaluation to maintain certification of existing CSA certified products. Applications for updates received on or after the stated Effective Date shall be evaluated to the edition of the Standard announced in this Deferred Action Notice.

If you have any questions or are looking for Certification:

Please contact your CSA Customer Care Manager, Rodger Redd, at Rodger.Redd@csagroup.org.

TECHNICAL SUMMARY:

Overview of changes:

This is the sixth edition of ANSI Z21.58 • CSA 1.6, Outdoor cooking gas appliances.

Effect on Approvals:

It supersedes the previous editions published in 2018, 2015, 2007, 2005, and 1995.

Details of Affected Class Numbers can be found in Table 1.

Details of Revised Requirements can be found in Table 2.

TABLE 1 – AFFECTED CLASS NUMBERS

Class Number	Title
2711 04	DOMESTIC GAS COOKING APPLIANCES - Outdoor
2711 84	DOMESTIC GAS COOKING APPLIANCES - Outdoor - Certified to US Standards

TABLE 2 – MAJOR REVISIONS

Clause(s)	Changes
1.13, 3	New definitions and scope allowing smart enabled appliances. The scope of the standard now allows these products and if used Annex B must be applied.
4.1.7	Update of requirements for exposed edges where the user may come in contact.
4.1.8	New requirement covering the use of galvanized steel in the construction of appliances
4.1.14, 4.1.16	New requirement that all gas carrying components and automatic gas ignition systems shall be rated for a minimum ambient operating temperature of either 0 °F(-17.8 °C) or a lower temperature, as specified by the outdoor cooking gas appliance manufacturer
4.2 h), l), j), k)	Update of requirements that a second cylinder shall not be capable of being stored with the appliance. These new requirements have additional details that restrict the storage of a second cylinder.
4.5 e)	New requirement that the instructions should communicate that a pressure relief valve outlet should not point toward the user when used.
4.5.2 d) vi)	Change of marking font point from 18 point to 14 point.
4.5.3 b) g)	Clarification of requirements for appliances for use with 2 LP cylinders
4.6.1 b) iv)	New requirement for built in grills that a barrier be provided between the location where combustion air is drawn and the LP cylinder enclosure
4.6.2, b), b) iii), c) iii) iv)	Update of requirement as well as increasing the minimum opening size to 3/16 in. from 1/8"
4.6.3	Update of requirements specific for cylinder enclosures for built-in appliances.
4.7	New specific requirement for remote LP gas supply systems for built-in grills.
4.8, 5.10	Amendment 1 - Updated requirements to specify the use of a ANSI Z21.15/CSA 9.1 certified manual valve at all pressures now covered by the standard. ANSI Z21.15/CSA 9.1 now covers certification of valves up to 72 PSI so appliances that operate at higher pressure will need to have a valve certified for the correct pressure.
4.9, 4.14 e) i), 4.15.1, 5.11	Updated to allow new control standards to allow newer controls certified to the latest standards
4.14, 5.8.1, 5.25 d)	Amendment 1 – Updated the method permit to accomplish burner ignition. The standard now does not specify a “paper book match” and now specify “by an external means”, this must be according to the manufacturers instructions. Examples of external means include, a multi-purpose, long neck butane lighter, or a match (fireplace/square/paper book), the appliance manufacturer must specify the means to be used.
4.15.3 m)	New requirement that automatic gas ignition systems shall be rated for a minimum ambient operating temperature of either 0 °F(-17.8 °C) or a lower temperature, as specified by the outdoor cooking gas appliance manufacturer
4.24	Update to allow the use of the CSA C22.2 No. 60335-2-102 as an option
4.25.3 a) iv)	New requirement to include the description of an outdoor space in the instructions
4.25.3 a) vii), b), d) i), e)	Updated use of overhead construction statement based on products
4.25.3 a) xv)	New requirement that the minimum ambient operating temperature for safe use must be stated.

4.25.3 c) xv)	New requirement that statement and illustrations shall be provided in the instructions detailing to visually inspect the LP gas cylinder seal.
4.26.2 h)	Rating plate shall identify the new standard title and edition "CSA/ANSI Z21.58:(year)•CSA 1.6:(year)"
4.26.2 k)	New requirement to list the minimum operating ambient temperature on the rating plate.
4.26.3	Correction of a typo, the minimum letter height for lighting instructions is now 1/8 in which is equivalent to 3.2 mm
5.1.2	New specification that the appliance is to be tested at an altitude of less than 2000 ft(600 m) above sea level.
5.3 f), Annex C	New annex added giving formulas and details on calculation of input rate. This annex covers the use of correction factors with types of equipment and is intended to increase the consistency between labs.
5.14.2	New test for appliances to be use with two 1 lb cylinders manifolded in a single supply line
5.25 e)	Amendment 1 - New additional test to be performed as part of the wind test. Following the other tests the appliance is to be turned to minimum operating and continue to operate with the lid closed and open for 2 minutes in each condition. This test is done at a windspeed of 5 mph instead of 10 mph.
Annex B	New Annex with requirements for appliances using smart enabled features and controls. Any product with these types of controls will need to be reviewed and meet this new Annex.
Annex D	New informative annex with diagrams detailing an outdoor space.