

*Addenda to the Third Edition of Z83.11-2006 • CSA 1.8-2006 and
Addenda Z83.11a-2007 • CSA 1.8a-2007*

**American National Standard/
CSA Standard for
Gas Food Service Equipment**

Preface

The standards set forth herein apply to the third edition of the Standard for Gas Food Service Equipment, Z83.11-2006 • CSA1.8-2006 and Addenda Z83.11a-2007 • CSA1.8a-2007 and supersede corresponding standards therein. Following their preparation by the supervising Technical Advisory Group, they were accepted by the American National Standards Institute (ANSI) and the Interprovincial Gas Advisory Council (IGAC), and subsequently approved.

NOTE: Changes, other than editorial, are denoted by a vertical line in the margin.

APPROVED



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Addenda to American National Standard/CSA Standard for Gas Food Service Equipment

Part I: Construction

1.7 Main Burners And Ignition Devices

1.7.5

FOOD WARMERS. The burners of food warmers shall be made of materials having a melting point above 950°F (510°C).

1.12 Gas Supply Lines

1.12.15

Gas supply piping shall not be located in flue gas passageways or be in direct contact with flue gases.

1.12.20

Appliances intended for outdoor use only, may use flexible hoses for internal gas connections. Flexible hose connections shall comply with:

- a. The *Standard for Pigtails and Flexible Hose Connectors for LP-gas, ANSI/UL 569* or the *Standard for Elastomeric Composite Hose and Hose Couplings for Conducting Propane and Natural Gas, CAN/CGA-8.1* or *Thermoplastic Hose and Hose Couplings for Conducting Propane and Natural Gas, CAN 1-8.3*, or *Gas Hose Connectors for Portable Outdoor Gas Fired Appliances, ANSI Z21.54 • CGA 8.4*, or other nationally recognized standards; or
- b. The hose may comply with the construction provisions of the *Standard for LP-Gas Hoses, ANSI/UL 21* or any of the hose standards referenced in “-a” above except *ANSI Z21.54 • CGA 8.4*. In addition, the following tests shall be conducted on the hose and its connection fittings:
 1. The gas hose shall be designed for a working pressure of 350 psi (2.41 MPa) with a safety factor of 5 to 1 and be continuously marked “LP-GAS,” “350 PSI WORKING PRESSURE” and the manufacturer’s name or trademark.
 2. Each end of a gas hose connector shall be provided with a properly designed and attached connecting fitting consistent with the service for which the connector is designed. Hose assemblies, after the application of connection fittings, shall not leak when subjected to a test pressure of 700 psi (4.82 MPa) or shall be listed by a nationally recognized testing agency as propane hose assemblies with a maximum working pressure of at least 350 psi (2.41 MPa).

Method of Test

Three new test samples, each 2 ft long (610 mm), shall be provided for a connector to be tested under this provision. Each sample is to be connected to a source of air, nitrogen, or carbon dioxide gas which will provide a 700 psi (4.82 MPa) test pressure. The outlet of the free end fitting is to be closed and the entire sample immersed in water. A suitable pressure gage shall be installed in the pressure supply piping between a positive shutoff valve and the connector