



Completed Projects / Projets terminés

New Standards – New Editions – Special Publications

Gas Technician Training 3 – Module 4A, 3rd edition

Utilization Codes, Acts, and Regulations — Ontario Supplement..... \$40

This supplement is intended to augment Module 4 of the CSA Gas Technician 3 Training Materials. It contains materials specific to Ontario that correspond to the *Technical Standards and Safety Act* and the Regulations made under the Act pertaining to natural gas and propane equipment installations.

PLUS 1200

Guide to Energy Efficiency Compliance, Verification, and Ratings for Water Heaters \$60

This guide specifies verification methods for compliance with the Government of Canada's *Energy Efficiency Regulations* as well as methods for establishing energy efficiency ratings for water heaters. This guide is aimed at certification bodies that have been accredited to administer verification programs, at dealers and manufacturers, and at other organization and businesses that consider the energy efficiency of water heaters. This guide specifies criteria and methods related to the compliance, verification, and rating of water heaters, including testing, analysis of test results, retesting, sampling, and reporting.

This guide applies to the following:

- gas-fired storage water heaters that have an input rating less than or equal to 21.98 kW (75 000 Btu/h) and a storage capacity of 76 to 380 L (20 to 100 US gal). Gas-fired storage water heaters are to be tested in accordance with CAN/CSA-P.3.
- oil-fired storage water heaters that have an input rating less than or equal to 107 000 kJ/h (104 100 Btu/h) and a storage capacity of 190 L (50 US gal) or less. Oil-fired water heaters are to be tested in accordance with CAN/CSA-B211.
- electric storage water heaters that have a storage capacity of 50 to 454 L (11 to 100 imperial gal). Electric water heaters are to be tested in accordance with CAN/CSA-C191 to determine standby heat loss (in watts).
- gas-fired instantaneous water heaters that have an input rating greater than 14.65 kW (50 000 Btu/h) and less than 58.61 kW (200 000 Btu/h), are designed to deliver water at a controlled temperature of less than 82 °C (180 °F), and have a storage capacity of less than 7.57 L (2 US gal). Gas-fired instantaneous water heaters are to be tested in accordance with CAN/CSA-P.7.



New Standards – New Editions – Special Publications (cont’d)

ANSI Z83.21-2005/CSA C22.2 No. 168-2005, 1st edition

Commercial Dishwashers \$535

This standard covers commercial, freestanding, under-counter, and counter-insert dishwashers, utensil-washers, and glass washers using water as the principal cleaning medium. These dishwashers use steam, gas, or electric heaters for heating water. Heated water is provided to a dishwasher by means of steam, gas, or electric heating systems integral to the appliance, or by a means not integral to the dishwasher that is provided at the installation site.

This standard covers the following:

- electric dishwashers rated 600V or less, installed in accordance with the *Canadian Electrical Code, Part 1* (CSA C22.1), and the *National Electrical Code* (NFPA 70)
- the gas-handling, gas-burning and gas-control features of gas-fired dishwashers having inputs of 400,000 Btu/hr (420 MJ/hr) or less, limited to 0.5 psig (3.45 kPa) inlet pressure, installed in accordance with the *Natural Gas and Propane Installation Code* (CAN/CSA B149.1) or the *National Fuel Gas Code* (ANSI Z223.2/NFPA 54), for use with natural gas, manufactured gas, mixed gas, propane gas, liquefied petroleum gases, or LP gas-air mixtures.

These requirements cover dishwashers intended for use in commercial establishments, such as kitchens in restaurants and hospitals, where they are not intended to be accessible to the public.

Amendments

CAN/CSA-P.3-04

Testing Method for Measuring Energy Consumption and Determining Efficiencies of Gas-Fired Storage Water Heaters

Revision of the Contents and Clauses 3.8 and 5.4.1.

ANSI Z21.10.1b-2006/CSA 4.1b-2006

Addenda B to “*Gas Water Heaters — Volume 8, Storage Water Heaters with Input Ratings of 75,000 Btu per Hour or Less*”\$80

This document provides revisions to ANSI Z21.10.1-2004/CSA 4.1-2004 and ANSI Z21.10.1a-2006/CSA 4.1a-2006.

Modifications publiées en français

CAN/CSA-P.3-04

Méthode d’essai pour mesurer la consommation d’énergie et le rendement énergétique des chauffe-eau au gaz à accumulation

Des modifications ont été apportées à la table des matières et aux articles 3.8 et 5.4.1.



Certification and Testing (CSA International)

Certification Notices

Please note: ► Notices marked with an arrowhead are new in this issue.

Effective Date	Subject	Title
June 1, 2006	Publication of ANSI Z21.13-2004/CSA 4.9-2004, <i>Gas-Fired Low-Pressure Steam and Hot Water Boilers</i> . The revisions in this standard supersede any corresponding provisions of ANSI Z21.13-2000/CSA 4.9-2000, ANSI Z21.13a-2002/CSA 4.9a-2002, and ANSI Z21.13b-2003/CSA 4.9b-2003.	Gas Products No. 45
June 1, 2006	Publication of ANSI Z83.18-2004, <i>Recirculating Direct Gas-Fired Industrial Air Heaters</i> . The revisions in this standard supersede any corresponding provisions of ANSI Z83.18-2000, ANSI Z83.18a-2001, and ANSI Z83.18b-2003.	Gas Products No. 59
July 1, 2006	Publication of ANSI/IAS LC1-2005/CSA 6.26-2005, <i>Fuel Gas Piping Systems Using Corrugated Stainless Steel Tubing (CSST)</i> . The revisions in this standard supersede any corresponding provisions of ANSI/IAS LC-1-1997, ANSI/IAS LC-1a-1999, and ANSI/IAS LC 1b-2001.	Gas Products No. 81
July 1, 2006	Publication of ANSI Z21.41a-2005/CSA 6.9a-2005, <i>Quick Disconnect Devices for Use With Gas Fuel Appliances</i> . The revisions in this addenda supersede any corresponding provisions of ANSI Z21.41-2003/CSA 6.9-2003.	Gas Products No. 82
August 1, 2006	Publication of ANSI Z21.1-2005, <i>Household Cooking Gas Appliances</i> . The revisions in this standard supersede any corresponding provisions of ANSI Z21.1-2000, ANSI Z21.1a-2003, and ANSI Z21.1b-2003.	Gas Products No. 67
August 1, 2006	Publication of ANSI Z21.58-2005/CSA 1.6-2005, <i>Outdoor Cooking Gas Appliances</i> . The revisions in this standard supersede any corresponding provisions of ANSI Z21.58-1995/CGA 1.6-M95, ANSI Z21.58a-1998/CGA 1.6a-1998, and ANSI Z21.58b-2002/CSA 1.6b-2002.	Gas Products No. 68

**Certification Notices (cont'd)**

Effective Date	Subject	Title
August 1, 2006	Publication of ANSI Z21.20-2005, <i>Automatic Gas Ignition Systems and Components</i> . The revisions in this standard supersede any corresponding provisions of ANSI Z21.20-2000, Z21.20a-2000, and Z21.20b-2001.	Gas Products No. 69
August 1, 2006	Publication of ANSI Z21.13a-2005/ CSA 4.9a-2005, <i>Gas-Fired Low-Pressure Steam and Hot Water Boilers</i> . The revisions in this addenda supersede any corresponding provisions of ANSI Z21.13-2004/CSA 4.9-2004.	Gas Products No. 75
September 1, 2006	Publication of Update No. 14 to CSA standard CAN1-3.1-77 (R2001), <i>Industrial and Commercial Gas-Fired Package Boilers</i> .	Gas Products No. 86
September 1, 2006	Withdrawal of ANSI Z83.17/CAN1-3.12, <i>Direct Gas-Fired Door Heaters</i> . The certification of direct gas-fired door heaters is now covered under ANSI Z83.4/CSA 3.7, <i>Non-Recirculating Direct Gas-Fired Industrial Air Heaters</i> .	Gas Products No. 87
September 1, 2006	Publication of ANSI Z21.50b-2005/ CSA 2.22b-2005, <i>Vented Gas Fireplaces</i> . The revisions in this addenda supersede any corresponding provisions of ANSI Z21.50-2003/CSA 2.22-2003 and Z21.50a-2003/CSA 2.22a-2003.	Gas Products No. 91
September 1, 2006	Publication of ANSI Z21.86a-2005/ CSA 2.32a-2005, <i>Vented Gas-Fired Space Heating Appliances</i> . The revisions in this addenda supersede any corresponding provisions of ANSI Z21.86-2004/CSA 2.32-2004.	Gas Products No. 92
September 1, 2006	Publication of ANSI Z21.88-2005/ CSA 2.33-2005, <i>Vented Gas Fireplace Heaters</i> . The revisions in this standard supersede any corresponding provisions of ANSI Z21.88-2002/ CSA 2.33-2002, ANSI Z21.88a-2003/ CSA 2.33a-2003, and ANSI Z21.88b-2003/ CSA 2.33b-2003.	Gas Products No. 93
May 1, 2007	Publication of ANSI Z21.58a-2006/ CSA 1.6a-2006, <i>Outdoor Cooking Gas Appliances</i> . The revisions in this addenda supersede any corresponding provisions of ANSI Z21.58-2005/ CSA 1.6-2005.	Gas Products No. 96



Certification Notices (cont'd)

Effective Date	Subject	Title
May 1, 2007	Publication of ANSI Z21.47b-2006/ CSA 2.3b-2006, <i>Gas-Fired Central Furnaces</i> . The revisions in this addenda supersede any corresponding provisions of ANSI Z21.47-2003/ CSA 2.3-2003 and Z21.47a-2004/CSA 2.3a-2004.	Gas Products No. 102