

## Standard Information

**Standard Number:** ANSI Z21.50 / CSA 2.22

**Standard Name:** Vented Gas Fireplaces

**Standard Edition and Issue Date:** 6<sup>th</sup> Edition Issued December 1, 2012

**Date of Revision:** December 1, 2012

**Date of Previous Revision to Standard:** 5<sup>th</sup> Edition Issued February 1, 2009

## Effective Date of New/Revised Requirements

**Effective Date (see Schedule below):** **June 5, 2015**

## Impact, Overview, Fees and Action Required

**Impact Statement:** A review of all Listing Reports is necessary to determine which products comply with new/revised requirements and which products will require re-evaluation. **NOTE:** Effective immediately, this revised standard will be exclusively used for evaluation of new products unless the Applicant requests in writing that current requirements be used along with their understanding that their listings will be withdrawn on Effective Date noted above, unless the product is found to comply with new/revised requirements.

**Overview of Changes** (Specific details of new/revised requirements are found in table below):

- Added new construction requirement for glass barriers.
- Added new warning label for glass barriers.
- Added testing criteria for glass barriers.

**Schedule:** So that shipping of products with Listing Marks will not be interrupted, an **approximate** schedule has been established to ensure Listing Reports are found compliant by Effective Date:

- October 3, 2014 = 8 Month Report Review – Intertek will review all Reports. Update if compliance is verified or issue Findings Letter/Quote for any re-evaluations needed
- December 4, 2014 = 6 Month Quote Cut-off – Quotes returned for necessary re-evaluations
- May 4, 2015 = 30 Day Warning – Client advised of all non-compliant Reports to be Suspended
- **June 5, 2015** = Effective Date – ATM Suspended for all non-compliant Reports

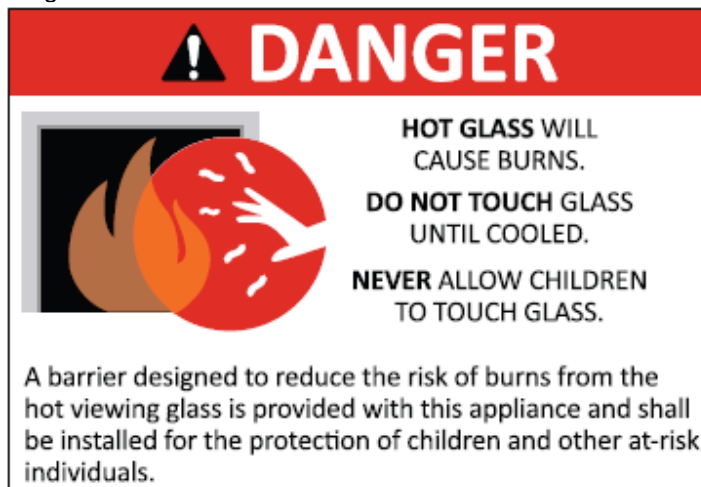
**Fees:** An initial review of Listing Report (s) will be covered by a direct billing project and will be invoiced at not more than \$1000 per report.

**Client Action Required:**

**Information** – To assist our Engineer with review of your Listing Reports, please submit technical information in response to the new/revised paragraphs noted in the attached or explain why these new/revised requirements do not apply to your product (s).

**Current Listings Not Active?** – *Please immediately identify any current Listing Reports or products that are no longer active and should be removed from our records. We will do this at no charge as long as Intertek is notified in writing prior to the review of your reports.*

## Description of New/Revised Technical Requirements

Clause	Verdict	Comment	NC#
4.1.23 (1.2.23_2012 ED)		<p><b>Newly added requirement for a gas fireplace heater barrier whose outside glass viewing area temperature exceeds 172°F</b></p> <p>An appliance design having an outside glass viewing area temperature that exceeds 172 °F (78 °C) as measured in Clause 5.14.4, shall be provided with a barrier for the appliance glass viewing area.</p> <p>The barrier shall be constructed to maintain a fixed relationship between essential barrier parts and the outside glass viewing area under normal and reasonable conditions of handling and usage</p> <p><b>SUN Evaluator:</b> (Add your evaluator comments here)</p>	
4.27.1 (1.28.1_2012 ED)		<p><b>Add a warning label for an appliance where the temperature of the glass viewing outside surface exceeds 172°F</b></p> <p>For a glass fronted gas appliance where the temperature of the outside glass viewing area surface exceeds the limits specified in Clause 5.13.2, the following graphic danger and statement shall be shown.</p> <div data-bbox="392 1144 1096 1628" data-label="Image">  </div> <p><b>Figure 1: New graphic label added</b></p> <p><b>SUN Evaluator:</b> (Add your evaluator comments here)</p>	

# Standards Update Notice (SUN)

Issued: 8/29/2014

Clause	Verdict	Comment	NC#
4.27.3 d,e,g,k (1.28.2_2012 ED)		<p><b><i>Additional instructions added for barriers</i></b></p> <p>The printed instructions accompanying the appliance shall also include the following minimum information presented in a readily obvious and prominent manner, such as by being underlined, encircled, or printed in larger or different color type:</p> <p>d) For appliances requiring a barrier, as determined under Clause 5.13.2: “A barrier designed to reduce the risk of burns from the hot viewing glass is provided with this appliance and shall be installed for the protection of children and other at-risk individuals.”</p> <p>e) “If the barrier becomes damaged, the barrier shall be replaced with the manufacturer's barrier for this appliance.”</p> <p>g) “Any safety screen, guard, or barrier removed for servicing an appliance must be replaced prior to operating the appliance.” (See Clause 4.1.4.)</p> <p>k) Where applicable, provide a means by which the consumer can identify the barrier, such as graphic representation, clear description, or reference marking.</p> <p>SUN Evaluator: (Add your evaluator comments here)</p>	
4.28.2 t (1.29.2_2012 ED)		<p><b><i>Additional Marking requirement added for barriers</i></b></p> <p><b>Rating plate(s)</b> Each appliance shall bear a plate, or a combination of plates in proximity, of Class IIIA marking material located so as to be easily read when the appliance is in a normally installed position. A rating plate(s) applied to the inner surface of a control compartment door is considered acceptable. The following information shall appear on the plate(s):</p> <p>t) Where applicable, “For use only with barrier(s) Part No(s) _____. Follow installation instructions.”</p> <p>SUN Evaluator: (Add your evaluator comments here)</p>	

# Standards Update Notice (SUN)

Issued: 8/29/2014

Clause	Verdict	Comment	NC#
4.28.19 (1.29.19_2012 ED)		<p><b>Additional Marking requirement added for barriers</b></p> <p><b>Instruction plate:</b> For a glass fronted gas appliance where the temperature of the outside glass viewing area surface exceeds the limits specified in Clause 5.13.2, the previous graphic (Figure 1) danger and statement shall be shown on a Class IIIA-2 Permanent Label.</p> <p>The Danger letter-type shall be a sans-serif font with a minimum letter height of the following:</p> <p>a) The symbol and word, "DANGER" shall be boldfaced type having a minimum uppercase letter height of 0.498 in (12.65 mm)†.</p> <p>b) The words as shown above, in the boxed statement shall be boldfaced type having a minimum uppercase letter height of 0.120 in (3.05 mm). The minimum vertical spacing between lines of type shall be 0.046 in (1.17 mm).* Lowercase letters shall be compatible with the uppercase letter size specifications.</p> <p>c) The word DANGER shall be in white letters on a red background. * This letter height measurement corresponds to 24-point type. † These line height and line spacing measurements correspond to 12-point type.</p> <p>SUN Evaluator: (Add your evaluator comments here)</p>	
5.13.2 (2.13.2_2012 ED)		<p><b>Added testing criteria for evaluating the outside glass viewing surface temperature</b></p> <p>Where the outside temperature of the glass viewing area surface exceeds 172 °F (78°C), when installed according to Clause 5.26, Wall, floor, and ceiling temperatures, and operated to equilibrium, a provided barrier shall comply with burn hazard limits under Clause 5.14, Barrier burn hazard potential (other than a barrier made of glass).</p> <p><b>See standard (clause 5.32.1,2) for test method.</b></p> <p>SUN Evaluator: (Add your evaluator comments here)</p>	
5.14.1 (2.14.1_2012 ED)		<p><b>Added testing criteria for evaluating the burn hazard potential of a barrier</b></p> <p><b>Burn hazard potential of glass viewing areas including barriers made of glass</b> Temperatures of the glass viewing area or the barrier made of glass, when tested in accordance with the following Method of Test, shall not exceed 172 °F (78 °C).</p> <p><b>See standard (clause 5.14.1) for test method.</b></p> <p>SUN Evaluator: (Add your evaluator comments here)</p>	



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Clause	Verdict	Comment	NC#
5.14.2 (2.14.2_2012 ED		<p><b>Added testing criteria for evaluating the burn hazard potential of a barrier</b></p> <p><b>Burn hazard potential (other than barriers made of glass)</b> A barrier, which is intended to prevent direct contact with the glass viewing area surface by the accessibility probe shown in Figure 4, Accessibility probe, shall be designed to prevent contact with the glass viewing area surface having temperatures in excess of 172 °F (78 °C)* when testing according to Clause 5.14.1.</p> <p><b>See standard (clause 5.14.1) for test method.</b></p> <p>SUN Evaluator: (Add your evaluator comments here)</p>	
		<b>CUSTOMERS PLEASE NOTE:</b> This Table and column "Verdict" can be used in determining how your current or future production is or will be in compliance with new/revised requirements.	