

Standard Information

Standard Number: ANSI Z21.50 / CSA 2.22

Standard Name: Vented Gas Fireplaces

Standard Edition and Issue Date: 7th Edition Issued February 1, 2014

Date of Revision: February 1, 2014

Date of Previous Revision to Standard: 6th Edition Issued December 1, 2012

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requests in writing that current requirements be used along with their understanding that their listings will be withdrawn on Effective Date noted above, unless the product is found to comply with new/revised requirements.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):

- Modified the existing instruction manual.
- Modified the existing appliance label.
- Added requirements for protective barriers constructed of glass.
- Added requirements for protective barriers not made of glass.

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 – Please immediately identify any current Listing Reports or products that are no longer active and should be removed from our records.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#
4.27.1		<p>Modified the existing <i>instruction manual</i> boxed warning statements. <i>NOTE: The following changes to the instruction manual and appliance label do not affect the previously established font type/size, only wordings were modified.</i></p> <p>The front cover, or in the absence of a cover, the first page shall bear the following statements. They shall be boxed as shown:</p> <div style="border: 1px solid black; padding: 10px; margin: 10px 0;"> <p>⚠ WARNING: FIRE OR EXPLOSION HAZARD Failure to follow safety warnings exactly could result in serious injury, death, or property damage.</p> <ul style="list-style-type: none"> — Do not store or use gasoline or other flammable vapors and liquids in the vicinity of this or any other appliance. — WHAT TO DO IF YOU SMELL GAS <ul style="list-style-type: none"> • Do not try to light any appliance. • Do not touch any electrical switch; do not use any phone in your building. • Leave the building immediately. • Immediately call your gas supplier from a neighbor's phone. Follow the gas supplier's instructions. • If you cannot reach your gas supplier, call the fire department. — Installation and service must be performed by a qualified installer, service agency or the gas supplier. </div> <div style="border: 1px solid black; padding: 10px; margin: 10px 0;"> <p>INSTALLER: Leave this manual with the appliance. CONSUMER: Retain this manual for future reference.</p> </div>	

Clause	Verdict	Comment	NC#
		<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>  <p><i>Figure 1: Graphic "Danger" to replace previous "Warning" label</i></p> <p>Added color requirement: (4.27.1 c) The word DANGER shall be in white letters on a red background.</p> <p>SUN Evaluator: (Add your evaluator comments here)</p>	
4.27.3 d		<p>Modified the existing <u>instruction manual</u> statements with additional wording to define the populations that are the prime focus for protection.</p> <p><i>NOTE: Additions to existing requirements are <u>underlined</u> below;</i></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 <u>for the protection of children and other at-risk individuals.</u>"</p> <p>SUN Evaluator: (Add your evaluator comments here)</p>	
4.28.19		<p>Modified the existing <u>appliance label</u> (Figure 1) by changing the word "Warning" to "Danger".</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 previous graphic (Figure 1) danger and statement shall be shown on a Class IIIA-2 Permanent Label.</p> <p>SUN Evaluator: (Add your evaluator comments here)</p>	

Standards Update Notice (SUN)

Issued: 8/29/2014

Clause	Verdict	Comment	NC#
5.14.1		<p>Newly added clause adding requirements for measuring the burn hazard potential of the touchable surfaces of a protective barrier constructed of glass.</p> <p>Burn hazard potential of glass viewing areas including barriers made of glass 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>See standard (clause 5.14.1) for test method. SUN Evaluator: (Add your evaluator comments here)</p>	
5.14.2		<p>Add requirements for measuring the burn hazard potential of a touchable surface of a protective barrier not made of glass. NOTE: Additions to existing requirements are <u>underlined</u> below;</p> <p>Burn hazard potential (other than barriers made of glass)</p> <p>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) <u>when testing according to Clause 5.14.1.</u></p> <p>See standard (clause 5.14.2) for test method. SUN Evaluator: (Add your evaluator comments here)</p>	
5.14.3		<p>Add test requirements to evaluate the structural integrity of a protective barrier, not made of glass, and to evaluate the burn hazard potential resulting from the deformation of the barrier.</p> <p>See standard (clause 5.14.3) for test method. SUN Evaluator: (Add your evaluator comments here)</p>	
5.14.4		<p>Newly added clause adding requirements for the construction of the decorative trim surrounding a protective barrier and provide a test method for measuring the burn hazard of these touchable surfaces.</p> <p>Decorative structural elements integral to the barrier which are located over the glass viewing area shall comply with the temperature requirements under Clause 5.28.1a) and b), Surface temperatures, provided:</p> <p>a) decorative structural elements shall cover no more than 5 percent of the surface area over the glass viewing area; and</p> <p>b) the maximum width of a decorative framework element shall not exceed 0.75 in (19.05 mm).</p> <p>SUN Evaluator: (Add your evaluator comments here)</p>	
		<p>CUSTOMERS PLEASE NOTE: 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.</p>	