

Standard Information

Standard Number: CSA C22.2 No. 46

Standard Name: Electric Air Heaters

Standard Edition & Issue Date: C22.2 No. 46-M1988 Update No. 4 & New Edition C22.2 No. 46-13

Date of Revisions: August 2011 and August 2013

Date of Previous Revisions to Standard: (This SUN covers update No. 4 to C22.2 No. 46-M1988 and New Edition C22.2 No. 46-13)

Effective Date of New/Revised Requirements

Effective Date (see Schedule below): July 31, 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 new standard C22.2 No. 46-13 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requests in writing that current requirements be used along with their understanding that their listings will be withdrawn on Effective Date noted above, unless the product is found to comply with new/revised requirements.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: The Update No. 4 added Clause 5.1.24 requiring permanently connected, sheathed heater element radiant heaters to be provided with a cautionary marking (if over 650C). Specific details of new/revised requirements are found in table below. Note – this marking requirement is Clause 6.1.24 in new CSA C22.2 No. 46-13 edition. There are no other new/revised requirements of significance (no impact to Certifications) in the new edition.

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:

- November 26, 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
- January 30, 2015 = 6 Month Quote Cut-off – Quotes returned for necessary re-evaluations
- June 30, 2015 = 30 Day Warning – Client advised of all non-compliant Reports to be Suspended
- **July 31, 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.



Standards Update Notice (SUN)

Issued: July 25, 2014

Description of New/Revised Technical Requirements

Clause	Verdict	Comment	NC#
5.1.24 (6.1.24 in current edition)		New Added Requirement – When permanently connected radiant-type heaters employ a metal-sheathed heater element and the visible portion of element attains a temperature of at least 650 °C under normal operating conditions, heaters shall be permanently marked with following or equivalent: CAUTION: METAL-SHEATH ELEMENT-TYPE RADIANT HEATER. CONNECT ONLY TO A CIRCUIT PROTECTED BY SUITABLE GROUND-FAULT PROTECTION and ATTENTION : RADIATEUR À UNITÉ DE CHAUFFE SOUS GAINÉ MÉTALLIQUE. RACCORDER UNIQUEMENT À UN CIRCUIT PROTÉGÉ PAR UN DISJONCTEUR APPROPRIÉ.	
		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.	