

STANDARD INFORMATION

Standard: CSA 3.8

Standard ID: Gas-Fired Equipment for Drying Farm Crops [CSA 3.8:2021 Ed.7]

Previous Standard ID: Gas-Fired Equipment for Drying Farm Crops [CSA 3.8:2014 Ed.6]

EFFECTIVE DATE OF NEW/REVISED REQUIREMENTS

Effective Date: **July 1, 2023**

IMPACT, OVERVIEW, AND ACTION REQUIRED

Impact Statement: Per our accreditation, Intertek is required to review reports against the standard revisions to confirm compliance. Once compliance is confirmed, the standard reference in the report is updated to show continued compliance to the technical requirements of the standard. Reports not updated to this version by the effective date above will be withdrawn.

Overview of Changes:

- New clause for pipe train component arrangements
- New clause detailing gas conversion kits
- New clause to cover appliances that include electronic type fuel/air ratio control (FARC) system
- Added requirement to list altitude as 0 to 2000 ft

Specific details of new/revise requirements are found in table below.

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 – Please immediately identify any current Listing Reports or products that are no longer active and should be removed from our records.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.



STANDARD INFORMATION

CLAUSE	VERDICT	COMMENT
		<i>Additions to existing requirements are <u>underlined</u> and deletions are shown lined out below.</i>
4	Info	Construction
4.2	Info	Assembly
		<i>New clause added;</i>
4.2.6		Pipe train assembly Pipe train components shall be arranged in accordance with the requirements outlined in Clause 4. See Annex H for diagrams of typical pipe train component arrangements.
		<i>New clause added;</i>
4.2.7		Fuel conversion kit usage Kits for converting from one approved fuel to another may be provided by the manufacturer. See Annex I for listed gas appliance conversion kit requirements
4.18	Info	Input flow control systems
		<i>New clause added;</i>
4.18.3		Requirements for electronic type fuel/air ratio control systems When an electronic type fuel/air ratio control (FARC) system is used, it shall be in compliance with ISO 23552-1 or approved. See Annex C for guidelines on electronic type fuel/air ratio control systems.
4.29	Info	Marking
		Criteria for secondary rating plate Additional plate(s) shall include the following information:
4.29.6		b) fuel rating information that includes i) maximum allowable fuel supply pressure; ii) <u>normal hourly Btu input. Operating altitude should be listed as 0 to 2000 ft (0 to 600 m). For an appliance listed for operation at altitudes over 2000 ft (610 m), the marking shall include the derated input(s) for high altitude(s) [e.g., at elevations above 2000 ft (610 m), derate the input X percent per 1000 ft (305 m) above sea level];</u>



CLAUSE	VERDICT	COMMENT
5	Info	Performance
5.1	Info	General
		<i>New clause added;</i>
		Criteria for performance testing at different altitudes
5.1.20		Heaters shall be tested in an atmosphere having a normal oxygen supply and an altitude less than 2000 ft (610 m), or if testing takes place at an altitude greater than 2000 ft (610 m), adjustments in the test procedure shall be made to determine performance at less than 2000 ft (610 m).