



FUELS SAFETY PROGRAM	Ref. No.: FS- 218-15
ADVISORY	Date: June 1, 2015

Subject: Approved Anti-Siphon Valves and Fusible Link Valves under the Ontario Fuel Oil Code

Distribution: Posted on TSSA website and sent to TSSA Liquid Fuels Advisory Council, TSSA Fuel Oil Risk Reduction Group, Canadian Oil Heat Association (COHA), and Ontario Petroleum Contractors Association (OPCA)

The Ontario Fuel Oil Code, CSA-B139ON-06, section 3.1.1, provides as follows:

3.1.1 Oil-burning equipment shall be certified and shall be installed for its intended use. An appliance, accessory, component, tank, or any other item associated with the oil-burning equipment shall be certified or otherwise acceptable to the authority having jurisdiction and shall be installed in accordance with the manufacturer's certified instructions and this Code.

This provision requires anti-siphon valves or fusible link valves on certain oil-burning installations that the equipment must bear a label confirming certification in Canada, and that it be installed in accordance with its certification.

However, until recently, there were no anti-siphon valves or fusible link valves certified for use in Canada. Consequently, TSSA has been granting variances from the above requirement where there is no such equipment certified for use in Canada.

The situation changed in 2014 and there are now at least three manufacturers producing anti-siphon valves that are certified for use in Canada. The three manufacturers are identified in the [UL Online Certifications Directory](#) found on UL's website,

The list in the directory also includes other types of certified equipment. The specific manufacturer's file must be reviewed to confirm the equipment certification.

As of the date of this Advisory, the following manufacturers are listed in the directory with certified anti-siphon valves:

Franklin Fueling Systems
3760 Marsh Road
Madison, Wisconsin 53718 USA
Phone: +1 (608) 838-8786

Morrison Bros. Co.
570 E. 7th Street
P.O. Box 238
Dubuque, IA 52001-0238
Phone Toll Free: 800-553-4840
General: 563-583-5701
Fax: 563-583-5028
Email: custserv@morbros.com

OPW Fueling Components
Corporate Headquarters
9393 Princeton-Glendale Road

Hamilton, Ohio, USA 45011
Tel: (800)-422-2525
Fax: (800)-421-3297

There is also at least one manufacturer of a fusible link device that is certified for use in Canada. The list can also be found in the [UL online certifications directory](#).

The list in the directory also includes other types of certified equipment. The specific manufacturer's file must be reviewed to confirm the equipment certification.

TSSA will therefore be limiting the circumstances under which variances may be granted from the above requirement for anti-siphon valves and/or fusible link valves.

Existing uncertified equipment that have received variance approvals may continue to be used.

New installations and installations where such valves are replaced must include certified anti-siphon valves and fusible link devices. Variances will no longer necessarily be granted.

Existing unapproved equipment without a variance approval is and remains unapproved and must be replaced with approved equipment.

Since certified anti-siphon valves have been available since 2014, variance applications for installing unapproved anti-siphon valves must now be accompanied with a rationale explaining why certified valves cannot be used and why the proposed valve provides at least equivalent or better safety.

Variance applications for installing unapproved fusible link valves will continue to be considered for non-Canadian certified valves but the applicants must not only demonstrate safety equivalence, but also the need based on site specific design or flow restrictions due to the limited availability of larger sized approved fusible link valves and support this need with flow calculations.

Please note that TSSA is neither recommending nor endorsing any particular manufacturer or equipment.

If you have any questions about this or any other TSSA issue, please contact TSSA Customer Services at 1-877-682-8772, or by email at customerservices@tssa.org. For technical inquiries, please contact Technical Services, Fuels Safety Program at (416) 734-2726, or by email at [**Fuels_Technical_Services@tssa.org**](mailto:Fuels_Technical_Services@tssa.org)