

Fuel Safety Regulations

Fuel Safety Bulletin

(Issued pursuant to s.30 of the *Technical Safety Act*)

Bulletin Number: FS15-01

ISSUE DATE: February 9, 2015

Rev #

Date:

REPEAL DATE:

SUBSECTION:

ISSUED BY: Paul Fowler, Chief Fuel Safety Inspector (Acting)

SUBJECT: Vaporizers and Heavy Ends Traps

The purpose of this Bulletin is to clarify the requirements of Fuel Safety Bulletin 2013-01 which also deals with vaporizers and heavy ends traps.

Clause 9.1.10 of the CSA B149.2-10 Code requires that all *direct fired vaporizers* be equipped with an *effective* means of controlling heavy ends.

A direct fired vaporizer is defined by the B149.2-10 as;

Direct-fired vaporizer — a vaporizer in which heat furnished by a flame is directly applied to a heat exchange surface in contact with the liquid propane to be vaporized.

Effective immediately, all direct fired vaporizer installations shall be equipped with either a certified trap/filter designed to control heavy ends or some other effective system that has been engineer designed and approved. Maintenance records for any heavy ends trap shall be kept by the fuel supplier for review by Fuel Safety inspectors when requested.

The Code does not require a heavy ends trap when using an indirect vaporizer, however, experience has shown that heavy ends can still be an issue with these vaporizers as well. Therefore, this office will accept the older “Manchester” style trap with these vaporizers if it is installed and maintained correctly. Again, Fuel Safety inspectors may ask for maintenance records for these traps as well.

For any questions regarding this Bulletin, please contact me at our Dartmouth offices.

All Fuel Safety Bulletins can be viewed online at: <http://www.gov.ns.ca/lae/fuelsafety/fuelbulletins.asp>

Paul Fowler
Acting Chief Inspector, Fuel Safety