Second Revision No. 6-NFPA 30-2013 [Section No. 18.4.4]

18.4.4

Transfer of liquids among vessels, containers, tanks, and piping systems by means of air or inert gas pressure shall be permitted only under all of the following conditions:

(1) The vessels, containers, tanks, and piping systems shall be designed for such pressurized transfer and shall be capable of withstanding the anticipated operating pressure.

(2) Safety and operating controls, including pressure-relief devices, shall be provided to prevent overpressure of any part of the system.

(3) Only inert gas shall be used to transfer Class I liquids. Only inert gas shall be used to transfer Class II and Class III liquids that are heated above their flash points.

Global SR-6 Hide Deleted

18.4.4.1

Dispensing of Class I liquids from a container by means of air shall be permitted under the following conditions:

(1) The pressure shall be generated by means of a listed hand-operated device.

(2) Pressure shall not exceed a gauge pressure of 6 psi (41 kPa) and pressure relief shall be provided.

(3) The container shall not exceed 119 gal (450 L) and shall be capable of withstanding the maximum pressure generated by the device.

(4) The device shall be bonded and grounded or shall be demonstrated as not being capable of generating a static charge under any operating condition

(5) The material of construction of the device shall be compatible with the liquid dispensed.

Submitter Information Verification

Submitter Full Name: Robert Benedetti
Organization: National Fire Protection Assoc
Street Address:
City:
State:
Zip:
Submittal Date: Mon Jun 24 09:49:16 EDT 2013

Committee Statement

Committee Statement: The NFPA 30 Technical Committee on Operations has reviewed the information that has been submitted to it in support of Public Comment No. 11 and has developed language that is appropriate to ensure safe use of such hand-operated devices for dispensing Class I liquids using air pressure.

Response Message:

Public Comment No. 11-NFPA 30-2013 [Section No. 18.4.4]