

TR Number	2021-41
Primary	192.383
Secondary	192.381
Purpose	In the 2 nd letter ballot (LB3-2020, see attached), a suggestion was made to add a table for the new guide material written for 192.383. This new table would summarize when EFVs and curb valves would be required based on operating pressure, meter capacity, and type of customer (residential vs. commercial).
Origin/Rationale	The new guidance material written for 192.383 in TR 2016-34 has been approved with comments in the 2 nd letter ballot (LB3-2020). In this letter ballot, Chris McLaren made a great suggestion to include a table that summarizes the guide material for 192.383. Since this is a technical change that would require additional rounds of discussions and reviews, the Task Group requests that a new TR be opened. In addition, the Task Group recommends that the proposed new guide material in TR 2016-34 that was approved in the 2 nd letter ballot move forward to be published.
Assigned to	Design Task Group

Section 192.381

4 INSTALLATION CONSIDERATIONS

The manufacturer's recommended procedures for installation of an EFV should be followed unless the operator establishes alternative procedures based on sound engineering considerations. The following are some general installation factors for consideration. Also, see guide material under §192.383 that addresses different examples ~~involving single residences~~.

4.1 *Farm taps.*

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Section 192.383 *{Addendum 3 added GM 1.1 that was pending when balloted}*

1 EXCESS FLOW VALVES (EFV) INSTALLATIONS

1.1 *General.*

Unless one or more of four conditions listed in §192.383(c) is present (service line does not operate at a pressure of at least 10 psig throughout the year, contaminants in the gas stream could interfere with the EFV's operation or cause loss of service to the customer, EFV could interfere with required operation or maintenance activities such as blowing liquids from the line, or an EFV is not commercially available for the application), §192.383 requires an EFV to be installed at the time of installation of new or replaced service lines that serve the following.

- (a) A single-family residence.
- (b) A single-family residence on a branched service line that is installed concurrently with the primary single-family residence service line. A single EFV may be installed to protect both the primary and the branched service lines.
- (c) A single-family residence, that is branched from an existing service line that does not have an EFV.
- (d) A multi-family residence with a total meter capacity not exceeding 1,000 SCFH for the service line.
- (e) A single, small commercial customer with meter capacity not exceeding 1,000 SCFH.

The EFV installation requirements of §192.383 and the manual service line shut-off valve (MSLV) installation requirements of §192.385 are summarized below in Table 192.383i.

Summary of Excess Flow Valve (EFV) and Manual Service Line Shut-off Valve (MSLV) Installation Requirements

	<u>Single-Family Residences¹</u>	<u>Multifamily Residences</u>		<u>Commercial Customers Served by a Single Service Line</u>	
	<u>Any Meter Capacity</u>	<u>Installed Meter Capacity ≤ 1,000 SCFH</u>	<u>Installed Meter Capacity > 1,000 SCFH</u>	<u>Installed Meter Capacity ≤ 1,000 SCFH</u>	<u>Installed Meter Capacity > 1,000 SCFH</u>
<u>Operating Pressure < 10 PSIG</u>	<u>Nothing Required</u>	<u>Nothing Required</u>	<u>Install MSLV</u>	<u>Nothing Required</u>	<u>Install MSLV</u>
<u>Operating Pressure ≥ 10 PSIG</u>	<u>Install EFV²</u>	<u>Install EFV²</u>	<u>Install EFV or MSLV</u>	<u>Install EFV²</u>	<u>Install EFV or MSLV</u>

Source: PHMSA Excess Flow Valve FAQs May 17, 2022

¹ Includes both single service lines and branched service lines for single-family residences.

² Subject to exceptions listed in §192.383(c).

TABLE 192.383i

1.2 Service line supplying a single-family residence.

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Section 192.385 {Addendum 3 version}

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1.2 Installation.

Section 192.385 requires an operator to install ...

Notes:

- (1) The installation of a manual service line shut-off valve on a service line to single family residence (SFR) or branched service line to an SFR, regardless of installed meter capacity, does not satisfy the requirement to install an EFV under §192.383.
- (2) The exceptions listed under §192.383(c) for the installation of an EFV do not apply to a manual service line shut-off valve.
- (3) See Table 192.383i.