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of master meter systems may continu-
ously post a general notice in a promi-
nent location frequented by customers.

(d) Each operator must make the fol-
lowing records available for inspection
by the Administrator or a State agency
participating under 49 U.S.C. 60105 or
60106:

(1) A copy of the notice currently in
use; and

(2) Evidence that notices have been
sent to customers within the previous 3
years.

[Amtd. 192–74, 60 FR 41828, Aug. 14, 1995, as
11, 1995; Amtd. 192–83, 63 FR 7723, Feb. 17,
1998]

Subpart B—Materials

§ 192.51 Scope.

This subpart prescribes minimum re-
quirements for the selection and quali-
fication of pipe and components for use
in pipelines.

§ 192.53 General.

Materials for pipe and components
must be:

(a) Able to maintain the structural
integrity of the pipeline under tem-
perature and other environmental con-
ditions that may be anticipated;

(b) Chemically compatible with any
gas that they transport and with any
other material in the pipeline with
which they are in contact; and

(c) Qualified in accordance with the
applicable requirements of this sub-
part.

§ 192.55 Steel pipe.

(a) New steel pipe is qualified for use
under this part if:

(1) It was manufactured in accord-
ance with a listed specification;

(2) It meets the requirements of—

(i) Section II of appendix B to this
part; or

(ii) If it was manufactured before No-
vember 12, 1970, either section II or III
of appendix B to this part;

(3) It has been used in an existing
line of the same or higher pressure and
meets the requirements of paragraph
II-C of appendix B to this part; or

(4) It is used in accordance with para-
graph (c) of this section.

(c) New or used steel pipe may be
used at a pressure resulting in a hoop
stress of less than 6,000 p.s.i. (41 MPa)
where no close coiling or close bending
is to be done, if visual examination in-
dicates that the pipe is in good condi-
tion and that it is free of split seams
and other defects that would cause
leakage. If it is to be welded, steel pipe
that has not been manufactured to a
listed specification must also pass the
weldability tests prescribed in para-
graph II-B of appendix B to this part.

(d) Steel pipe that has not been pre-
viously used may be used as replace-
ment pipe in a segment of pipeline if it
has been manufactured prior to Novem-
ber 12, 1970, in accordance with the
same specification as the pipe used in
constructing that segment of pipeline.

(e) New steel pipe that has been cold
expanded must comply with the man-
datory provisions of API Specification
5L.

[35 FR 13257, Aug. 19, 1970, as amended by
Amtd. 191–1, 35 FR 17660, Nov. 17, 1970; Amdt.
192–12, 38 FR 4761, Feb. 22, 1973; Amtd. 192–51,
51 FR 15335, Apr. 23, 1986; 58 FR 14521, Mar. 18,
1993; Amdt. 192–85, 63 FR 37502, July 13, 1998]

§ 192.57 [Reserved]

§ 192.59 Plastic pipe.

(a) New plastic pipe is qualified for
use under this part if:

(1) It was manufactured in accord-
ance with a listed specification; and

(2) It is resistant to chemicals with
which contact may be anticipated;

(b) Used steel pipe is qualified for use
under this part if:

(1) It was manufactured in accord-
ance with a listed specification and it
meets the requirements of paragraph
II-C of appendix B to this part;

(2) It meets the requirements of:

(i) Section II of appendix B to this
part; or

(ii) If it was manufactured before No-
vember 12, 1970, either section II or III
of appendix B to this part;

(3) It has been used in an existing
line of the same or higher pressure and
meets the requirements of paragraph
II-C of appendix B to this part; or

(4) It is used in accordance with para-
graph (c) of this section.

(c) New or used steel pipe may be
used at a pressure resulting in a hoop
stress of less than 6,000 p.s.i. (41 MPa)
where no close coiling or close bending
is to be done, if visual examination in-
dicates that the pipe is in good condi-
tion and that it is free of split seams
and other defects that would cause
leakage. If it is to be welded, steel pipe
that has not been manufactured to a
listed specification must also pass the
weldability tests prescribed in para-
graph II-B of appendix B to this part.

(d) Steel pipe that has not been pre-
viously used may be used as replace-
ment pipe in a segment of pipeline if it
has been manufactured prior to Novem-
ber 12, 1970, in accordance with the
same specification as the pipe used in
constructing that segment of pipeline.

(e) New steel pipe that has been cold
expanded must comply with the man-
datory provisions of API Specification
5L.

[35 FR 13257, Aug. 19, 1970, as amended by
Amtd. 191–1, 35 FR 17660, Nov. 17, 1970; Amdt.
192–12, 38 FR 4761, Feb. 22, 1973; Amtd. 192–51,
51 FR 15335, Apr. 23, 1986; 58 FR 14521, Mar. 18,
1993; Amdt. 192–85, 63 FR 37502, July 13, 1998]
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(3) It has been used only in natural gas service;
(4) Its dimensions are still within the tolerances of the specification to which it was manufactured; and
(5) It is free of visible defects.

(c) For the purpose of paragraphs (a)(1) and (b)(1) of this section, where pipe of a diameter included in a listed specification is impractical to use, pipe of a diameter between the sizes included in a listed specification may be used if it:
(1) Meets the strength and design criteria required of pipe included in that listed specification; and
(2) Is manufactured from plastic compounds which meet the criteria for material required of pipe included in that listed specification.


§ 192.65 Transportation of pipe.

(a) Railroad. In a pipeline to be operated at a hoop stress of 20 percent or more of SMYS, an operator may not use pipe having an outer diameter to wall thickness ratio of 70 to 1, or more, that is transported by railroad unless:
(1) The transportation is performed in accordance with API Recommended Practice 5L1 (incorporated by reference, see § 192.7).
(2) In the case of pipe transported before November 12, 1970, the pipe is tested in accordance with Subpart J of this Part to at least 1.25 times the maximum allowable operating pressure if it is to be installed in a class 1 location and to at least 1.5 times the maximum allowable operating pressure if it is to be installed in a class 2, 3, or 4 location. Notwithstanding any shorter time period permitted under Subpart J of this Part, the test pressure must be maintained for at least 8 hours.

(Amdt. 192–114, 75 FR 48693, Aug. 11, 2010)

Subpart C—Pipe Design

§ 192.101 Scope.

This subpart prescribes the minimum requirements for the design of pipe.

§ 192.103 General.

Pipe must be designed with sufficient wall thickness, or must be installed with adequate protection, to withstand anticipated external pressures and