

(i) A bolted flange closure arrangement including a minimum 1-inch NPT pipe plug (see Fig. E17.1) or including an auxiliary valve with a threaded closure.

(ii) A threaded cap closure arrangement including a minimum 1-inch NPT pipe plug (see Fig. E17.2) or including an auxiliary valve with a threaded closure.

(iii) A quick-coupling device using a threaded plug closure of at least 1-inch NPT or having a threaded cap closure with a minimum 1-inch NPT pipe plug (see Fig. E17.3 through E17.5). A minimum 1-inch auxiliary test valve with a threaded closure may be substituted for the 1-inch pipe plug (see Fig. E17.6). If the threaded cap closure does not have a pipe plug or integral auxiliary test valve, a minimum 1-inch NPT pipe plug shall be installed in the outlet nozzle above the closure (see Fig. E17.7).

(iv) A two-piece quick-coupling device using a clamped dust cap must include an in-line auxiliary valve, either integral with the quick-coupling device or located between the primary bottom outlet valve and the quick-coupling device. The quick-coupling device closure dust cap or outlet nozzle shall be fitted with a minimum 1-inch NPT closure (see Fig. E17.8 and E17.9).

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49. Section 179.200-7 would be amended by revising the table following paragraph (b) to read as follows:

**§ 179.200-7 Materials.**

\* \* \* \* \*

(b) \* \* \*

Specifications	Minimum tensile strength (p.s.i.) welded condition <sup>1</sup>	Minimum elongation in 2 inches (percent) weld metal (longitudinal)
ASTM A 515, Gr. 70 .	70,000	20
ASTM A 516, Gr. 70 .	70,000	20
AAR TC 128, Gr. B ..	81,000	19

<sup>1</sup> Maximum stresses to be used in calculations.

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**§ 179.200-7 [Amended]**

50. In addition, in § 179.200-7, the following changes would be made:

a. In the table following paragraph (c), the last entry "ASTM B 209-70, Alloy 60614" would be removed, and in the first column, for each entry, the wording "209-70" would be revised to read "209".

b. In the paragraph (c) table, Footnotes 4 and 5 would be removed and Footnote 6 would be redesignated as Footnote 4.

c. In the table following paragraph (d), in the first column, for each entry, the wording "240-70" would be revised to read "240".

d. In Footnote 2 in the paragraph (d) table, the wording "the following procedures in ASTM Specification A 262-68 titled, 'Recommended Practices for Detecting Susceptibility to Intergranular Attack in Stainless Steels,' and must exhibit corrosion rates not exceeding the following:" would be revised to read "Practice A of ASTM Specification A 262 titled, 'Standard Practices for Detecting Susceptibility to Intergranular Attack in Austenitic Stainless Steels.' If the specimen does not pass Practice A, Practice B or C must be used and the corrosion rates may not exceed the following:".

e. In the table following paragraph (e), in the first column, the wording "162-692" would be revised to read "1622".

f. In the table following paragraph (f), in the first column, the wording "302-69a" would be revised to read "302".

51. In § 179.200-14, the first sentence of paragraph (a) and the first sentence of paragraph (b) would be revised to read as follows:

**§ 179.200-14 Expansion capacity.**

(a) Tanks shall have expansion capacity as prescribed in this subchapter. \* \* \*

(b) For tank cars having an expansion dome, the expansion capacity is the total capacity of the tank and dome combined. \* \* \*

\* \* \* \* \*

52. In § 179.200-16, the first sentence in paragraph (d) would be revised to read as follows:

**§ 179.200-16 Gauging devices, top loading and unloading devices, venting and air inlet devices.**

\* \* \* \* \*

(d) When using a gauging device, an outage scale visible through the manway opening shall be provided. \* \* \*

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**§ 179.200-18 [Removed]**

53. Section 179.200-18 would be removed.

**§ 179.200-24 [Amended]**

54. In § 179.200-24, in the paragraph (a) table, for the entry "Material", in the second column, the wording "ASTM A285 C" would be revised to read "ASTM A 516".

55. Section 179.201-1 would be revised to read as follows:

**§ 179.201-1 Individual specification requirements.**

In addition to § 179.200, the individual specification requirements are as follows:

DOT Specification <sup>1</sup>	Insulation	Bursting pressure (psi)	Minimum plate thickness (inches)	Test pressure (psi)	Bottom outlet	Bottom washout	References (179.201-***)
103A-ALW .....	Optional .....	240	1/2	60	No .....	Optional .....	
103AW .....	Optional .....	240	179.201-2	60	No .....	Optional .....	
103ALW .....	Optional .....	240	1/2	60	Optional .....	Optional .....	6(a).
103ANW .....	Optional .....	240	179.201-2	60	No .....	Optional .....	6(d).
103BW .....	Optional .....	240	179.201-2	60	No .....	No .....	6(b), 3.
103CW .....	Optional .....	240	179.201-2	60	No .....	No .....	6(c), 4, 5.
103DW .....	Optional .....	240	179.201-2	60	Optional .....	Optional .....	6(a), 6(c), 4, 5.
103EW .....	Optional .....	240	179.201-2	60	No .....	Optional .....	6(c), 4, 5.
103W .....	Optional .....	240	179.201-2	60	Optional .....	Optional .....	6(a).
104W .....	Yes .....	240	179.201-2	60	Optional .....	Optional .....	6(a).
111A60ALW1 .....	Optional .....	240	1/2	60	Optional .....	Optional .....	6(a).
111A60ALW2 .....	Optional .....	240	1/2	60	No .....	Optional .....	
111A60W1 .....	Optional .....	240	7/16	60	Optional .....	Optional .....	6(a).
111A60W2 .....	Optional .....	240	7/16	60	No .....	Optional .....	
111A60W5 .....	Optional .....	240	7/16	60	No .....	No .....	3, 6(b).