

**§ 179.401-1 Individual specification requirements.**

In addition to §179.400, the individual specification requirements for the inner tank and its appurtenances are as follows:

<b>DOT specification</b>	<b>113A60W</b>	<b>113C120W</b>
Design service temperature, °F	-423	-260.
Material	§179.400-5	§179.400-5.
Impact test (weld and plate material)	§179.400-5(c)	§179.400-5(c).
Impact test values	§179.400-5(d)	§179.400-5(d).
Standard heat transfer rate.		
(Btu per day per lb. of water capacity, max.) (see §179.400-4)	0.097	0.4121.
Bursting pressure, min. psig	240	300.
Minimum plate thickness shell, inches (see §179.400-7(a))	3/16	3/16.
Minimum head thickness, inches (see §179.400-8 (a), (b), and (c))	3/16	3/16.
Test pressure, psig (see §179.400-16)	60	120.
Safety vent bursting pressure, max. psig	60	120.
Pressure relief valve start-to-discharge pressure, psig (±3 psi)	30	75.
Pressure relief valve vapor tight pressure, min. psig	24	60.
Pressure relief valve flow rating pressure, max. psig	40	85.
Alternate pressure relief valve start to-discharge pressure, psig (±3 psi)		90.
Alternate pressure relief valve vapor tight pressure, min. psig		72.
Alternate pressure relief valve flow rating pressure, max. psig		100.
Pressure control valve Start-to-vent, max. psig (see §179.400-20(c)(4))	17	Not required.
Relief device discharge restrictions	§179.400-20	179.400-20.
Transfer line insulation	§179.400-17	Not required.

[Amdt. 179-32, 48 FR 27708, June 16, 1983, as amended at 49 FR 24318, June 12, 1984; 65 FR 58632, Sept. 29, 2000; 66 FR 45390, Aug. 28, 2001]