

4725.2350 STEEL CASING REQUIREMENTS.

Subpart 1. **General.** Steel casing used in the permanent construction of a well or boring must be new casing produced to:

- A. ASTM Standard A53/A53M-04a;
- B. ASTM Standard A589-96 (2001), Types I, II, and III; or
- C. API Standard 5L-04.

Steel casing must have the minimum weights and thicknesses specified in the table in subpart 2 subject to the tolerances in the specifications in this subpart.

Subp. 2. Steel casing pipe weight and dimensions.

	Size in Inches	Plain End	Wgt. Lbs. Per Ft. Thrds. & Cplgs.*	Thrds. R&D Cplgs.	Thickness in Inches
S	1	1.68	1.68	1.70	.133
c	1-1/4	2.27	2.28	2.30	.140
h	1-1/2	2.72	2.73	2.75	.145
e	2	3.65	3.68	3.75	.154
d	2-1/2	5.79	5.82	5.90	.203
u	3	7.58	7.62	7.70	.216
l	3-1/2	9.11	9.20	9.25	.226
e	4	10.79	10.89	11.00	.237
	5	14.62	14.81	15.00	.258
4	6	18.97	19.18	19.45	.280
0	8	28.55	29.35		.322
	10	40.48	41.85		.365
S	12	49.56	51.15		.375
t	14	54.57	57.00		.375
a	16	62.58	65.30		.375
n	18	70.59	73.00		.375
d	20	78.60	81.00		.375
a	22	86.61			.375
r	24	94.62			.375

d	26	102.63	.375
	30	118.65	.375
W	32	126.66	.375
g	34	134.67	.375
t	36	142.68	.375

* Nominal weight based on length of 20 feet including coupling.

Steel casing up to ten inches in diameter must be Schedule 40. Larger diameter casing must be standard weight.

Diameter-Inches		Couplings		
External	Internal	Thrds. per Inch	Minimum External Diameter Inches	Minimum Length Inches
1.315	1.049	11-1/2	1.576	2-5/8
1.660	1.380	11-1/2	1.900	2-3/4
1.900	1.610	11-1/2	2.200	2-3/4
2.375	2.067	11-1/2	2.750	2-7/8
2.875	2.469	8	3.250	3-15/16
3.500	3.068	8	4.000	4-1/16
4.000	3.548	8	4.625	4-3/16
4.500	4.026	8	5.200	4-5/16
5.563	5.047	8	6.296	4-1/2
6.625	6.065	8	7.390	4-11/16
8.625	7.981	8	9.625	5-1/16
10.750	10.020	8	11.750	5-9/16
12.750	12.000	8	14.000	5-15/16
14.000	13.250	8	15.000	6-3/8
16.000	15.250	8	17.000	6-3/4
18.000	17.250	8	19.000	7-1/8
20.000	19.250	8	21.000	7-5/8
22.000	21.250			
24.000	23.250			
26.000	25.250			
30.000	29.250			
32.000	31.250			
34.000	33.250			
36.000	35.250			

Statutory Authority: *MS s 103I.101; 103I.111; 103I.205; 103I.221; 103I.301; 103I.401; 103I.451; 103I.501; 103I.525; 103I.531; 103I.535; 103I.541; 103I.621; 144.05; 144.12; 144.383; 157.04; 157.08; 157.09; 157.13*

History: *17 SR 2773; 33 SR 211*

Published Electronically: *September 2, 2008*