



Summary

A - 672 - 96

Description: Standard Specification for Electric-Fusion-Welded Steel Pipe for High-Pressure Service at Moderate Temperatures

General Information:

Class designations are as Follows:

Class	Heat Treatment on Pipe	Radiography see section	Pressure test see section
10	None	no	no
11	None	complete	no
12	None	complete	No. A 530/A 530 M
13	None	no	No. A 530/A 530 M
20	Stress relieved	no	no
21	Stress relieved	complete	no
22	Stress relieved	complete	No. A 530/A 530 M
23	Stress relieved	no	No. A 530/A 530 M
30	Normalized	no	no
31	Normalized	complete	no
32	Normalized	complete	No. A 530/A 530 M
33	Normalized	no	No. A 530/A 530 M
40	Normalized and Tempered	no	no
41	Normalized and Tempered	complete	no
42	Normalized and Tempered	complete	No. A 530/A 530 M
43	Normalized and Tempered	no	No. A 530/A 530 M
50	Quenched and Tempered	no	no
51	Quenched and Tempered	complete	no
52	Quenched and Tempered	complete	No. A 530/A 530 M
53	Quenched and Tempered	no	No. A 530/A 530 M

Plate Specification

Pipe Grade

Type of Steel

ASTM Specification

		No.	Grade
A 45	Plain Carbon	A 285 / A 285M	A
A 50	Plain Carbon	A 285 / A 285M	B
A 55	Plain Carbon	A 285 / A 285M	C
B 55	Plain Carbon, Killed	A 515 / A 515M	55
B 60	Plain Carbon, Killed	A 515 / A 515M	60
C 55	Plain Carbon, Killed, fine Grain	A 516 / A 516M	55
C 60	Plain Carbon, Killed, fine Grain	A 516 / A 516M	60

Continue

Permissible Variations

Thickness	(- 0.3 mm)
Diameter	(+ / - 0.5 %)
Out of Roundness	(+ / - 1%)
Alignment	(3.2 mm)

For more Information see ASTM Standard Manual Edition 2006
Pages 496 to 501.

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