

ASTM A409M-88/ASME SA409 WELDED LARGE DIAMETER AUSTENITIC STEEL PIPE FOR CORROSIVE OR HIGH TEMPERATURE SERVICE

This standard is issued under the fixed designation A 405; the number immediately following the designation indicates the year of original adoption or, in the case of revision, the year of last revision. A number in parentheses indicates the year of last reapproval. A superscript epsilon (2) indicates an editorial change since the last revision or reapproval.

1. Scope

1.1 This specification covers straight seam or spiral seam electric-fusion-welded, light-wall, austenitic chromium-nickel alloy steel pipe for corrosive or high-temperature service. The sizes covered are NPS 14 to 30 with extra light (Schedule 5S) and light (Schedule 10S) wall thickness. Table X1.1 shows the wall thickness of Schedule 5S and 10S pipe. Pipe having other dimensions may be furnished provided such pipe complies with all other requirements of this specification.

1.2 Several grades of alloy steel are covered as indicated in Table 1.

1.3 Optional supplementary requirements are provided. These call for additional tests to be made, and when desired shall be stated in the order, together with the number or such tests required.

1.4 The values stated in either inch-pound units or SI units are to be regarded separately as standard. Within the text, the SI units are shown in brackets. The values stated in each system are not exact equivalents; therefore, each system must be used independently of the other. Combining values from the two systems may result in nonconformance with the specification. The inch-pound units shall apply unless the "M" designation of this specification is specified in the order.

NOTE 1A The dimensionless designator NPS (nominal pipe size) has been substituted in this standard for such traditional terms as "nominal diameter," "size," and "nominal size."

JIS Number and Corresponding Foreign Standards

JIS			ASTM			DIN			ISO			Index Number
Std.No	Grade	Type	Std.No	Grade	Type	Std.No	Grade	Type	Std.No	Grade	Type	
G3468		A409	TP304	SUS					2604/5	TW47	SUS	C009
304TPY	SUS	A358	304	SUS								
SUS		A409	TP304L	SUS					2604/5	TW46	SUS	
304LTPY	SUS	A358	304L	SUS								
SUS		A358	309	SUS								
309STPY	SUS											
SUS		A358	309	SUS								
310STPY	SUS											
SUS		A409	TP316	SUS					2604/5	TW60	SUS	

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