## ASTM A139-89b/ASME SA 39-89b ELECTRIC RESISTANCE WELDED STEEL PIPE

This standard is issued under the fixed designation A 135; 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. This specification has been approved for use by agencies of the Department of Defense. Consult the DoD Index of Specifications and Standards for specific year of issue which has been adopted by the Department of Defense.

## 1.Scope

1.1 This specification covers five grades of electric -fusion (arc)-welded straight-seam or spiral-seam steel pipe in NPS 4 to 92 (Note 1) inclusive with nominal (average) wall thick-dimensions (Note 2) may be furnished provided such pipe complies with all other requirements of this specification. The grades of steel are pipe mill grades having mechanical properties which differ from standard plate grades, The pipe is intended for conveying liquid, gas, or vapor.

NOTE 1A The dimensionless designator NPS 9nominal pipe size) has been substituted in this standard for such traditional terms as "nominal diameter," "size," and "nominal size." NOTE 2A A comprehensive listing of standardized pipe dimensions is contained in ANSI B36.10.

NOTE 3A The suitability of pipe for various purposes is somewhat dependent on its dimensions, properties, and conditions of service. For example, for high-temperature service see applicable codes and Specification A 691.

1.2 The values stated in inch-pound units are to be regarded as the standard.

Material Comparison Tables (ASTM, KS, JIS, DIN, BS, NF, UNI)

ASTM Standard	uns no.	KOREA/JAPANES			GERMAN				BRITISH			FRENCH			ITALIAN		
		KS/JIS	KS/JIS	Remarks		DIN	Material	Remarks	B.S	B.S	Remarks	AFNOR		Remarks	UNI	UNI	Remarks
		Symbol	Number			Number			Number	Grade		Туре	Number		Туре	Number	Remarks
A139 Electric-Fusion																	
(Arc)-Welded Steel Pipe																	
Grade B	K03003			(2)				(3)	3602	SAW			(2)			(2)	
				(3)						410				(3)			(3)
Con de C	K03004			(3)				(3)		SAW				(3)			(2)
Grade C									3602	410							(3)

JIS Number and Corresponding Foreign Standards

JIS		ASTM			BS			DIN	Index			
Standard Number	Grade	Type	Standard Number	Grade	Type	Standard Number	Grade	Type	Standard Number	Grade		Number
G3457	STPY400	С	A139	Gr B	С	3601	SAW410	С				C005
	(STPT41)											