## **GUIDE TO INTERPRETING ABBREVIATIONS ON AWS CERTIFIED WELDER CARD**

## **EXAMPLE**

							Thickness, Backing - or -
Supplement	Code	Process	Gas (optional)	Filler Metal	Base Metal	Position (s)	Thickness, Pipe OD & Backing
G	D1.1	GTAW	Ar 100%	ER70S-2	A106B	4G	L: 1/8-3/4": 4" OD: WB
		FCAW	CO <sub>2</sub>	E71T-1		4G	L: 1/8-3/4": 4" OD: WB

AWS	SI	JPPI	LEN	1EN	ITS
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2	Sheet Metal Welding (AWS D9.1)	FILLER I	METAL (AWS CLASSIFICATION NUMBER)	
F	Chemical Plant and Petroleum Piping (ASME B31.3	ER309-	L	
	and Sec. IX)	E7018-	<b>A1L</b>	
3	Generic Supplement (Company-furnished WPS and acceptance criteria)	ER70S-2	2	
32.1	SWPS	BASE METAL		
		AXXX	ASTM Designations (i.e., A36)	
CODES:	(For Supplement G only, reference appropriate	M	Material Numbers from B2	
	acceptance criteria.)	SAXXX	(SA106, SA105, SA304L, etc.)	
32.1	AWS B2.1, Standard for Welding Procedure and Performance Qualification	PX	(P1, P8, P44, etc.)	
01.1	AWS D1.1, Structural Welding Code - Steel	POSITION		
1.2	AWS D1. 2, Structural Welding Code - Aluminum	1G	Groove Weld, Flat	
9.1	AWS D9.1, Sheet Metal Welding Code	2G	Groove Weld, Horizontal	
ASME IX	ASME Section IX, Qualification Standard for Welding	3G	Groove Weld, Vertical	
	and Brazing Procedures, Welders, Brazers, and	4G	Groove Weld, Overhead	
	Welding and Brazing Operators	5G	Groove Weld, (Pipe) Vertical	
	AWS D15.1, Railroad Welding Specification - Cars and Locomotives	6G	Groove Weld, (Pipe) 45° Vertical	
DI	API 1104, Welding of Pipelines and Related Facilities	6GR	Groove Weld, (Pipe) 45 with Restriction Rin	
API CUST	Other customer may be used as indicated on the	1F	Fillet Weld, Flat	
	employer supplied WPS	2F	Fillet Weld, Horizontal	
	employer supplied wit 5	3F	Fillet Weld, Vertical	
*Other standards/codes may be used as indicated on the employer supplied – WPS		4F	Fillet Weld, Overhead	
		V	Vertical Progression Up	
		D	Vertical Progression Down	
ROCESS	ES:	Α	All	
MAW	Shielded Metal Arc Welding (SMAW)	THE	urce.	
WAM	Gas Metal Arc Welding (GMAW)	THICKN	Linlimited (ex. 1/8" to Linlimited)	

SMAW	Shielded Metal Arc Welding (SMAW)
<b>GMAW</b>	Gas Metal Arc Welding (GMAW)
<b>GMAW-S</b>	Gas Metal Arc Welding - Short Circuit
<b>FCAW</b>	Flux Cored Arc Welding (FCAW)
<b>GTAW</b>	Gas Tungsten Arc Welding (GTAW)
SAW	Submerged Arc Welding (SAW)
BZ	Brazing

## GAS:

AR Argon HE Helium

Ar/CO<sub>2</sub> Argon/Carbon Dioxide

CO<sub>2</sub> **Carbon Dioxide** 

Other - specify

THICKNESS			
U	Unlimited (ex. 1/8" to Unlimited)		
L	Limited (ex. 1/8-3/4")		
xx-xx	Range in sheet gauges (ex. 11 - 18)		
x/x	Thickness in fractions of an inch (ex. 3/8")		
SCH	Schedule listing for pipe thickness (ex. Sch 40)		
WB	With backing		
WOB	Without backing		
OD	Outside Diameter (pipe)		