



Certified Welder Application

INSTRUCTIONS FOR APPLICATION

There is a \$35 fee for **each** certification granted. For credit card information, fill out the box at the bottom of the application. Please fill out a separate application for each certification that the welder tested.

Personal Information (supplied by welder): The welder is responsible for maintaining the certification and AWS must have a personal address in order to stay in contact with him/her. All certification materials will be sent to the welder's home address, unless specified to be sent to employer's address. **Remember to contact AWS if you change your address!** If the box "Send Results to Employer", is checked, the employer's address must be supplied. AWS will send a confirmation letter to the company address indicated below the box.

Test Information (supplied by the Facility Test Supervisor): When using Supplement G, AWS must have a copy of the actual WPS on file. If you have previously submitted the WPS or are utilizing an AWS B2 SWPS, the AWS Certification Department has a record of this information. Any further tests using that same WPS can be referenced on the application. If this is the first time a WPS is being used, please submit a copy of that WPS and any supporting paperwork along with the application.

Under Qualifications, list the abbreviations that should appear on the welder certification card using the codes below. Note that some categories, such as Gas, may not apply in all situations (SMAW for example). Also, consider the "typical" essential variables of Welder Qualifications, such as position(s), up or down progression, thickness, outside diameter (OD, if pipe), and use or non-use of backing.

Authorization: If the welder wants the certification information to be released, for example, to people wishing to hire AWS Certified Welders, have the welder sign initials, where indicated on the application.

Review: After completing the application, the Facility Test Supervisor must sign the document, indicating his CWI certificate number and its expiration date. Signature by the ATF Supervisor attests to the completeness and accuracy of the record supplied.

GUIDE TO INTERPRETING ABBREVIATIONS ON AWS CERTIFIED WELDER CARD

EXAMPLE

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

AWS SUPPLEMENTS

C	Sheet Metal Welding (AWS D9.1)
F	Chemical Plant and Petroleum Piping (ASME B31.3 and Sec. IX)
G	Generic Supplement (Company-furnished WPS and acceptance criteria)
B2.1	SWPS

CODES:	<i>(For Supplement G only, reference appropriate acceptance criteria.)</i>
B2.1	AWS B2.1, <i>Standard for Welding Procedure and Performance Qualification</i>
D1.1	AWS D1.1, <i>Structural Welding Code - Steel</i>
D1.2	AWS D1.2, <i>Structural Welding Code - Aluminum</i>
D9.1	AWS D9.1, <i>Sheet Metal Welding Code</i>
ASME IX	ASME Section IX, <i>Qualification Standard for Welding and Brazing Procedures, Welders, Brazers, and Welding and Brazing Operators</i>
D15.1	AWS D15.1, <i>Railroad Welding Specification - Cars and Locomotives</i>
API	API 1104, <i>Welding of Pipelines and Related Facilities</i>
CUST	<i>Other customer may be used as indicated on the employer supplied WPS</i>

**Other standards/codes may be used as indicated on the employer supplied – WPS*

PROCESSES:

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

GAS:

AR	Argon
HE	Helium
Ar/CO ₂	Argon/Carbon Dioxide
CO ₂	Carbon Dioxide
Other - specify	

FILLER METAL (AWS CLASSIFICATION NUMBER)

ER309-L
E7018-A1L
ER70S-2

BASE METAL

AXXX ASTM Designations (i.e., A36)
M Material Numbers from B2
SAXXX (SA106, SA105, SA304L, etc.)
PX (P1, P8, P44, etc.)

POSITION

1G Groove Weld, Flat
2G Groove Weld, Horizontal
3G Groove Weld, Vertical
4G Groove Weld, Overhead
5G Groove Weld, (Pipe) Vertical
6G Groove Weld, (Pipe) 45° Vertical
6GR Groove Weld, (Pipe) 45 with Restriction Ring
1F Fillet Weld, Flat
2F Fillet Weld, Horizontal
3F Fillet Weld, Vertical
4F Fillet Weld, Overhead
V Vertical Progression Up
D Vertical Progression Down
A All

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)