

## WELDING PROCEDURE SPECIFICATION (WPS)

QW-482 (Front)

WPS No.:	Date		Support PQR No. (s)			
Revision No	Date		Зу:			
Welding Proces	s:	Type(s):	(Automatic, Manual, Machine, or Semi-Auto )			
JOINTS (QW-402)			( tate mate), materials ( tate )	**********************		
Backing (Voc)	(No)					
Dacking Material (Ty	pe) (Refer to both backing and re	tainers.)				
	lonfusing Metal	,				
☐ Nonmetallic ☐ C	<del>-</del>					
transf house	Drawings, Weld Symbols or Writte	en				
Description should sho	w the general arrangement of the	e parts to be				
welded. Where applicable, the root spacing and the details of weld						
groove may be specifie	<b>ed</b> .					
/A) // // // // // // // // // // // // //						
	gr., sketches may be attached to s and bead sequence, e.g. for no					
	for multiple process procedures,					
*BASE METALS (QW-	403)	<u> </u>				
•	•	n Group	No			
1 110	OR	JO.Oup		_		
Specification type a						
, ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	OR					
Chem. Analysis an	d Mech. Prop			_		
to Chem. Analysis	and Mech. Prop			****		
Thickness Range:						
Base Metal:	Groove	Fillet _				
Pipe Dia. Range:	Groove	Fillet _		_		
Other						
*FILLER METALS (QV	V-404)					
Spec. No. (SFA)						
AWS No. (Class) _						
	S					
Weld Metal						
Thickness Ran	ge:		***************************************			
Groove	9					
	355)					
•						

<sup>\*</sup> Each base metal-filler metal combination should be recorded individually.

## QW-482 (Back)

						WPS No		Rev			
POSITION	(QW-405)			POSTW	POSTWELD HEAT TREATMENT (QW-407)						
1	•	e			1	Temperature Range					
Position(s) of Groove											
1	n(s) of Fillet _	•				-					
					GAS (Q)	N-408)					
PREHEAT (QW-406)						Percent Composition					
Prehea	Preheat Temp. Min.					Gas(es) (Mixture) Flow Rate					
Interpa	iss Temp. Ma	Temp. Max				]					
Preheat Maintenance					Trailing						
(Continu	ous or special he	eating where a	pplicable sho	uld be recorded)	. 1						
ELECTRIC	AL CHARAC	TEDISTIC	S (O)// 400	1				· · · · · · · · · · · · · · · · · · ·			
1	t AC or DC		•								
	(Range)										
	volts range s										
	ize, position,				า						
may be list	ed in a tabula	ır form simil	ar to that s	hown below	)						
Tunast	en Electrode	Size and T	vpe								
			, F =	(Pure Tun	gsten, 2% Th	oriated, etc	:)				
Mode o	of Metal Trans	sfer for GM/	٩W								
				(Spray arc	, short circuit	ing arc, etc	.)				
Electro	de Wire feed	speed rang	je								
TECHNIQI	JE (QW-410)										
String or Weave Bead											
	Orifice or Gas Cup Size										
1	•										
							***************************************	***************************************			
Method	d of Back Gou	iging						· · · · · · · · · · · · · · · · · · ·			
	tion							· · · · · · · · · · · · · · · · · · ·			
	t Tube to Wo										
Multiple	e or Single Pa	ass (per sid	e)	***************************************		***************************************		· 			
Multiple	e or Single El	ectrodes									
Travel	Speed (Rang	e)									
Peenin	g						······································	***************************************			
Other_		······································		<del></del>				Walter to the state of the stat			
_	······································	y					,	<u></u>			
		Filler Metal Curre		rent	nt		Other				
							Travel	(e.g. Remarks, Comments, Hot Wire			
Weld	Dropos			Туре	Amp.	Volt	Speed	Addition, Technique,			
Layer(s)	Process	Class	Dia.	Polar.	Range	Range	Range	Torch Angle, Etc.)			
	I	1				1	l				

FN 5.005.2 (Rev. 5) DCR 04001