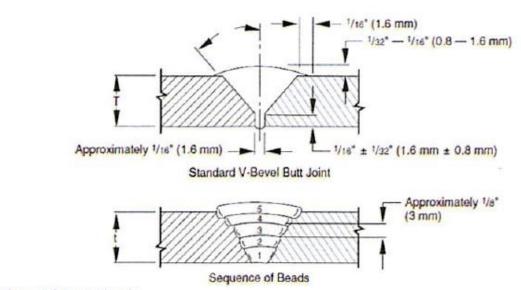
## CONSTRUCTION: JOINING OF PIPES BY WELDING

	Issued:	8-14-2007	Revised:	11-15-2022	Number: _	6	Page:	
ST	ANDAF	RD WELD	ING PRO	CEDURE	SPECIFICA	ATION	l #:	6
B. C. D. E. Ele F.	Diamete Joint Des Filler Me ctrode E Electrica	: API 5L r and Wall sign: Star tal and Nur 6010 and E	Thickness: ndard Vee nber of Bea 8010, AW Characteris	nru X42	Degree Bev le Classifica —A5.5, Min	el tion: imum o	f 4 Pass	
H. I. J.	Direction Number Time Lap 3 minute	of Welding of Welders ose Betwee es maximur	g: Vertica : 1 n Passes: n when ter	Maximum of nperature is			n stringe	r and hot pass;
L. M.	Removal Cleaning power bu	: Taper gr uff all rema	Clamp: ind starts a ining passe	After 50% and craters a	nd flatten c	rown by	grindin	g stringer bead,
Ο.	*Preheat be done application	t, Stress Re with device on 2" back	elief: Maxii e or equipm from pipe	nent which w ends.	PF. Minimur vill heat enti	n of 150 re circui	)°F. Pre mference	heating shall e(s) in single
Р.	of string	er beads. Vo o ambient t	Weld shall emperatur	nall be tempo be complete e. Weld zon ed 8 miles pe	ly protected e shall be pi	from m	oisture	
		•		ef if the carb d pipe is limi			32% or	C+1/4 Mn
			Number	: <u>6</u> P	age:			

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Note: Dimensions are for example only.

Bead No.	Electrode Diameter	Amperage Range	Voltage Range	Type Rod	Notes
1	5/32	110-130	22-30	E6010 5P+	
2	5/32	120-155	24-35	E8010	
3	5/32	125-160	24-32	E8010	
4	3/16	135-175	27-37	E8010	
5					

Bead No.	Notes					
	If necessary, more passes may be made at bead #4 amperage and					
	Voltage settings.					
	Electrodes may be substituted within rod group 1&2 of AWS					
	specification A5.1-A5.5					

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NEL	D TEST RE	PORT		(USE SEPAR	RATE FORM FOR E	ACH WELDING	PROCEDURE						
DATE			WELDER'S NAME						SOCIAL SECURITY NUMBER				
A	14 2	007	Jimmic Moore						WIR -88-1536				
OCA		active y		TRACTOR OR CO		RIGHT HANDED		REQUALIFYING TEST. IN				-	
6	W MY	/	W.T.6			LEFT HANDE			ING TEST -		LINETES		
NCLIN	ION IED D F HORIZO	FIXED C	ELECTRIC ARC DE INDOORS DOX-ACETYLENE DOUTDOORS			WEATHER	150	TIME OF DAY		22.00	WIND BREAK USED		
IPE S	PECIFICATION		PIPE MANUFA			WALL THICKNESS		DIAMETE			GHT PER F		
72	E 54 X	60	Republ	ic		.28/					59.10	9	
	OF WELDING MA	CHINE	SIZE	MAKE OF DX-A APPARATUS	CETYLENE WELDING NOZZLE SIZE		ZZLE SIZE	OX-ACETYLENE PRESSURE FLOWING					
17	D OF ELECTROD	-	300	AGETYLENE RO	N/A	NIIMBED OF	PASSES - OX-ACE	TVI ENE WE	ID W	E I DING DE	ROCEDURE	NO.	
		E	A.	/	DANDSEE	NUMBER OF		TECHE WE		Z			
in	/	250225-005		9			NA	CONTRACT.		50.5000	- 4	- 1	
	ELECTRODE TYPE AND SIZ			MACHINE		SETTINGS AMPERAG		ERG. VOLTAGE RG.		GE RG.		104	
						FINE					AP 16	I die	
10	STRINGER LW 5/2 5P+		5P+		120 100	55 110-1		120 22- 20		20	AV.	undeling	
PPEWELD	STRINGER Z		OFT			120-190 55		30			h0	di	
PIP	HOT PASS Z/A	1 5/32	70 +		160-240	70	120-1	55	24-	30	Je	Ed it	
	FILLER (S) Z	N 5/12	70+		160-240	20	125-1	40	24-	32	- M	O.C	
		. 2/	30							1	20		
	CAPPASS Z,		70+		160290	80	135-1	75	27-	37	_		
-	COUPON LOCATION LENGTH WIDTH		CROSS SEC.	LOAD	% ELONG.	COMPUTED TENSIL PSI	REMARKS			PTED JECT			
1	LUCATION		WIJTH	AREA SULIN			TEMOR FOI						
92	ITE	8"	1"	,290	20,000	25%	68,965	Bia	Broke in power nit.				
22	2001	"	-					Same				-	
ENSILE TESTS	276	99.	-					2446					
EWS.	3 TBR	"	0.00					500	Some				
	1000000	1 10					-	<.				-	
	1 TBL	"			-	1mm c			AC RE				
	LOCATION		TYPE OF BEND	)	REMARKS							PTED JECT	
	122			ROOT		No Defect						1	
	22			ROOT	No.								
21.00	1834			ROOT	No					/			
END TESTS	-			FACE	.1.				1.5	1			
NA I	1 F2			FACE	NO					1			
	1 E 3			FACE	No	10 Defect							
	COUPON	f-sife-sign-sign-sign-sign-sign-sign-sign-sign					REMARKS					AC- RE-	
	LOCATION	/ - /											
REAK TESTS	1781	No Defects Clean Gray Metal									1		
K TE		, , , , , , , , , , , , , , , , , , , ,										1	
	2721	Small Slag inclusion near roat 1/32 X1/64											
NICK-B	700	./.	-	1.1	11.		Eng. 1	Mola	/			-	
N .	3 DEL	2 No Defect Clean Gray Motal											
	1712	RL2 1/2 Defect 1					See 1	Meto	/			-	
-	SIZE AND WALL THICKNESS OF MAIN GAS PRESSUR				REON MAIN LOCATION OF PSIG			FRACTURE					
155					PSIG been visually and the			MECHICIOS NIPPLE O M			MA	IN C	
2	DID WELD CONTAIN:				his weld has been visually and his well and			DERCUT LENGTH OF UNDE				CUT	
Mr.	PINHOLES COLDROLL UNDERS				Segrect as wo	ed in account							
EWE	Annah to the second second	REMARKS ON TEE WELD											
TEEWE	REMARKS ON 1	EL WELD	100										
	REMARKS ON T	QUALIFIED			ECTRIC ARC	0	TEE WELD	QUALIFI		ELECTRI OX-ACET		0	
-					ECTRIC ARC -ACETYLENE	00	TEE WELD		ED C			0	