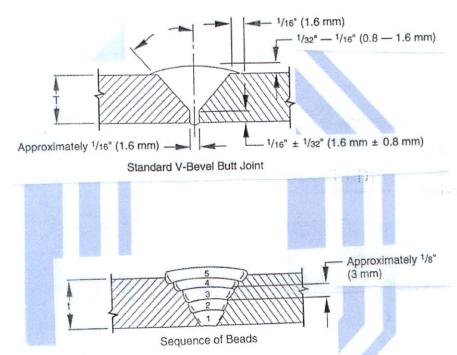
## CONSTRUCTION: JOINING OF PIPES BY WELDING

Issued: 1-3	1-12 Revised:		Number:	7A2 Page:	
STANDARD WI	ELDING PRO	CEDURE S	PECIFICA	TION #	7A2
A. Process: M	lanual Flectric Ar	·c			
B. Material: A			100		
C. Diameter and			ru 6 5/8 an	d less than .18	88 WT
D. Joint Design:					
E. Filler Metal a	nd Number of Be	ads: Electroc	le Classificati	on	
Electrode E60	010 E8010 AV	VS Class A5.	.1 Minim	num of 3 Passe	:S
F. Electrical or F			se Polarity, E	lectrode Positi	ve
	nclined 45 degre				
H. Direction of V	AND THE PERSON NAMED IN COLUMN TWO IS NOT THE PERSON NAMED IN COLUMN TWO IS	cle Down			
I. Number of W		Massimoum of	E minutes h	otwoon strings	or and hot nacci
J. Time Lapse B	aximum when ter				ii aliu not pass,
K. Type of Line-		ternal	below 35 1.		
L. Removal of L			completion of	stringer bead	
M. Cleaning: Ta	TRANSPORTER TO THE PROPERTY OF		.48004000000		
power buff al	I remaining pass	es.	Allegy		
N. Speed of Trav	Mark Co.	PORTO, VOICED.			
O. *Preheat, Str				A100.00	
	device or equipr		ill heat entire	e circumferenc	e(s) in single
	" back from pipe			1	u dueth earling
P. Notes: Weld	ed pipe strings si eads. Weld shall				
	bient temperatur				
	it does not exce			Accept 30 that	. circ villa
And Anthrope Control of the Control					
*X-Rated pipe m					r C+1/4 Mn
exceeds 65%. H	eating of X-Rate	d pipe is limi	ted to 600°F		
	Number	: 7A P	age:		
WEST TEXAS GAS, INC.	d timesina				1
Revised 2/14/08					TO PERSON

## CONSTRUCTION: JOINING OF PIPES BY WELDING



Note: Dimensions are for example only

Bead No.	Electrode Diameter	Amperage Range	Voltage Range	Type Rod	Notes
1	3/32	65-80	20-25	E6010 5P+	
2	1/8 **	80-100	25-35	E8010 70+	
3	1/8	80-100	25-35	E8010 70+	
4	1/8	80-105	27-37	E8010 70+	2
5					

Can	Notes  Can be ran with 3/32 rod in the same class range at 75-85 amps and							
	7 volts	0,02 ,02 ,						

WEI	TEST RE	PORT		(USE SEPAR	ATE FORM FOR E	EACH WELDING	PROCEDURE)						
DATE WELDER'S NAME				1E	.) /				SOCIAL SECURITY NUMBER				
LOCATION NAME OF CONTRACTOR OF				RACTOR OR CO	MPANY RIGHT HANDED			REQUALIFYING TEST D					
Dollart Self				LEFT HANDED		QUALIFYING TEST  LINE			TEST 🗆				
POSITION ELECTRIC ARC INDOOR INCLINED HORIZONTAL 45 OX-ACETYLENE OUTDOOR					WEATHER	TEMPERATURE	Afterwood WIND BREA			AK USED			
PIPE S	SPECIFICATION	ONIAL	PIPE MANUFAC	TURER		WALL THICKNESS				WEIGHT PE	WEIGHT PER FOOT		
MAKE	OF WELDING M	CHINE	SIZE MAKE OF OX-ACETYLENE			WELDING NOZZLE SIZE		OX-ACETYLENE-PRESSURE FLOWING			8		
	Lin		300	APPARATUS W/A			relt		MOUALIFYING				
BRAN	D OF ELECTROD	E	BRAND OF OX-ACETYLENE ROD AND SIZE			NUMBER OF PASSES - OX-ACE		TYLENE WELI	D WELL	ING PROCEDUTE TALL			
_	-11/	ELECTRODE 1	TYPE AND SIZE MACHINE			SETTINGS AMPERAG		E RG.	VOLTAGE I		,		
					COARSE								
i.o	STRINGER 54 50+ 3/12				12 0/190	35							
PIPE WELD	HOT PASS	1/-			40/00	45							
Д	FILLER (S)	"	10		polian	45							
	CAP PASS	11			120-191)	45			W.				
-	LOCATION	COUPON	WIDTH	CROSS SEC. AREA SQ. IN.	LOAD	% ELONG.	COMPUTED TENSIL PSI		REMARKS		AC- CEPTED	RE- JECTED	
	17/	8	1.052	. 1977	13000	20%	65756	Brok	'e 2"	from we	the		
TENSILE TESTS	2/2	8	1.060	1992	12,800	20%	64257	10		"	L	/	
ENSILE	3		1 1 1 1		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,					111			
-	4		7										
	COUPON LOCATION	TYPE OF BEND			REMARKS						AC- CEPTED	RE- JECTED	
	1 P/	Pa	Post			No defect					V		
STS	2 R2	Poo	Part			de				-			
BEND TESTS	3 F/	FA	ce		1/2	det	ect		/		-		
<u> </u>	4 F2	FAC	FACE			yell opening Sele					V	-	
	COUPON LOCATION	REMARKS								AC- CEPTED	RE- JECTED		
ESTS	1/1/	NI Class Gray Motol											
REAK T	21/2	12 Clara Gray Wetal									L		
NICK-BREAK TESTS	3 N 3	One Very small 5/29 //4 Side							N				
	4												
EST		NALL THICKNESS OF MAIN GAS PRESSURE									MAIN 🗆		
TEE WELD TEST		VELD CONTAIN: PINHOLES COLDROLL UNDERCU			DEPTH OF UN			DERCUT	LE	NGTH OF UND	ERCUT		
丑	REMARKS ON TEE WELD												
PIPE	WELD	QUALIFIED			CTRIC ARC		TEE WELD	QUALIFIED		ECTRIC ARC	0		
TEST	ED BY	NOT QUALIFIE	OX-ACETYLENE				TITLE NOT QUALIFIED OX-ACETYLENE						
		M	week	an	gorge		Nist	14	201	MAD		-	