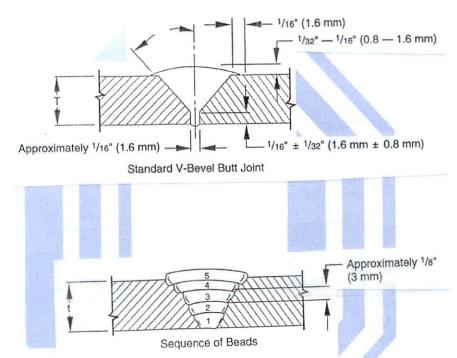
## CONSTRUCTION: JOINING OF PIPES BY WELDING

Issue	ed: <u>11-16-10</u>	Revised:	Number:	7B2 Page	
STANDA	RD WELD	ING PROCEDU	RE SPECIFIC	ATION #_	7B2
B. Mate C. Diam D. Joint E. Filler Elect F. Elect G. Posit H. Direc I. Numl J. Time 3 mir K. Type L. Remo M. Clear powe N. Spee O. *Pref be do appli P. Notes of str	neter and Wall Design: Sta Metal and Nu crode E6010 rical or Flame ion: Inclined ction of Welder ber of Welder Lapse Between utes maximu of Line-Up Cl oval of Line-Up ring: Taper ger buff all rem d of Travel: Ser buff all rem d of Travel: Ser buff device cation 2" back ser Welded pip ringer beads.	Grade A thru X42 Thickness: 2 3/8 ndard Vee Groove Imber of Beads: Ele And E8010 AWS Characteristics: 1 45 degrees ng: Vertical Down	THRU 6 5/8 and a 30 degrees ectrode Classifica Class A5.1-A5 D.C. Reverse Polon of 5 minutes are is below 35° For the sand flatten control of 5 minutes and flatten control of 5 minutes and flatten control of 300°F. Minimum ich will heat entitemporarily cappendetely protected discone shall be protected as a section of the sand flatten control of 5 minutes and fl	tion 5.5 Mining 6.5 Mining 6.5 Mining 6.5 Electron 6.5 El	num of 3 Passes ode Positive  ger and hot pass;  ad ling stringer bead,  Preheating shall nce(s) in single air draft cooling re until it has
		e stress relief if the g of X-Rated pipe			or C+1/4 Mn
		Number: 78	2 Page:		
WEST TEXAS	GAS, INC.	Opening Particularities			1

Revised 2/14/08

## CONSTRUCTION: JOINING OF PIPES BY WELDING



Note: Dimensions are for example only.

Bead No.	Electrode Diameter	Amperage Range	Voltage Range	Type Rod	Notes
1	1/8	90-120	22-30	E6010 5P+	50
2	1/8	85-110	27-35	E8010 70+	60
3	5/32	85-115	22-32	E8010 70+	60
4	*				
5					

Bead No.	Notes
Version of	Electrodes may be substituted within Rod group AWS A5.1—A5.5
4	* If a fourth pass is needed – same voltage and amperage as #3