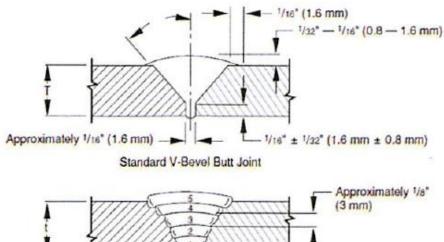
CONSTRUCTION: JOINING OF PIPES BY WELDING

	Issued:	2-18-2008	Revised:		Number:	4AH	Page:	
STA	NDAR	D WELDII	NG PROC	EDURE SI	PECIFICA	TION #	‡:	4AH
A.	Process	s: Manual Elec	ctric Arc					
В.	Materia	al: API-5L G	rade A thru X	(42		٠.		
C.	Diamet	er and Wall T	hickness: Les	s than 2 3/8 a	nd less than	0.188 WT	Γ	
D.	Joint De	esign: Standar	rd Vee Groov	e 30 degree	S	N. N.		
Ε.	Filler M	etal and Num	ber of Beads	: Electrode Cla	assification E	lectrode	E6010	AWS Class
	A5.1 N	Minimum of 3	Passes					
F.	Electric	al or Flame Cl	haracteristics	: D.C. Reverse	Polarity, Ele	ectrode Po	ositive	
G.	Position	n: Fixed Horizo	ontal					
Н.		on of Welding		wn				
I.	Numbe	r of Welders:	1					
J.		•		imum of 5 mir		en stringe	r and ho	ot pass; 3
				ature is below	35° F			
K.		Line-up Clam						
L.		•	•	50% completion	_			
M.				raters and flat	ten crown b	y grinding	र stringe	r bead,
	•	buff all remain		-		•		
N.	•	of Travel: N/A						
Ο.				of 300°F, Mir			_	
				hich will heat	entire circui	mterence	(s) in sing	gle
ь		tion 2" back f			connod to n	rovent si	r draft a	a alina of
Р.			_	pe temporarily apletely protect				_
	_			shall be prote				
		ot exceed 8mg		Shall be prote	etca so that	. the wind	velocity	ilcai it
*				if the carbon	content exce	eds 30%	or C+1/4	l Mn
				oipe is limited			,	
		Nu	ımber:	4AH P	age:			

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Sequence of Beads

Note: Dimensions are for example only.

Bead	Electrode	Amperage	Voltage	F # / -	
No.	Diameter	Range	Range	Type Rod	Notes
1	3/32	55-70	32-42	E6010 5P+	
2	3/32	55-66	40-45	E6010 5P+	
3	1/8	65-82	40-46	E6010 5P+	
4	1/8	60-90	35-48	E6010 5P+	
5					

Bead												
No.						N	lotes					
	Electr	odes m	ay be s	substitut	ed withi	n Rod gro	up 1&2	of AV	/S A5.1 -	A5.5		

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WE	LD TEST RE	EPORT		USE SEPAR	RATE FORM FOR	EACH WELDING	PROCEDURE)						
DAT	1-18-0	08	WELDER'S NAME Tidemic Meare						SOCIAL SECURITY NUMBER				
LOCATION NAME OF CONTRAC				NTRACTOR OR CO	ACTOR OR COMPANY RIGHT HANDED				YING TEST Q				
5	TION		ubst	Tags	005	LEFT HANDES	7.	QUALIFYING	TEST O	LIN	E TEST O	1	
POSITION INCLINED FIXED OF HORIZONTAL ELECTRIC ARC INDOORS OX-ACETYLENE OUTDOOR				WEATHER TEMPERATU						/			
PIPE	SPECIFICATION		PIPE MANUFA		WALL THICKNESS			DIAMETER (CO) WEIGHT PE			PER FOOT		
	Z-56 C		Re	e e		. / 4		1/2		100000000000000000000000000000000000000	12		
MAK	E OF WELDING N	ACHINE	SIZE	MAKE OF OXA		WELDING NO		OX-ACETYLE	NE PRESSU				
	4111		200	APPARATUS	NIA		12		1/2	-12-22-2-2			
BKA.	ND OF ELECTRO	DE	BRAND OF OX	GACETYLENE RO	D AND SIZE	NUMBER OF	PASSES - OX-ACE	TYLENE WELD		ING PROCE		i.	
	111	FIFATOORE	THE LUC HAS	NIA			NA		- A.M.	1-AH		-	
83		ELECTRODE	TYPE AND SIZE		100000000000000000000000000000000000000	SETTINGS	AMPERAC	ERG.	VOLTAGE R	G,			
		200723			COARSE	FINE		CUALLY DOIS	10	_			
WEE	STRINGER	STRINGER 3/42 50 +				-90 40		Sar-Zarith 34-		-42			
PPE WELD	HOT PASS 3/62 58 +				130-80	45	The order	-//	40-45				
*	FILLER (S)	1/2	5P+				IN MCCOLS	0.2	40-40	7 1999			
					130-80	500	,	-82	1				
_	CAP PASS	COUPON	5P F	5P F		50	58 60.		0 35-48				
FENSILE TESTS	LOCATION	LENGTH	WIDTH	AREA SQ. IN.	LOAD	%ELONG.	COMPUTED TENSIL PSI		REMARKS	1	AG- CEPTED	JECTED	
	1												
	S.												
	2						-						
	3												
	4												
	COUPON	TYPE OF PEND				REMARKS						RE- JECTED	
	171	F	no F		No defect						1		
212	2 81	1	nt		No	del	at				1		
BEND TESTS	3	Publika				4							
BE											+		
	COUPON LOCATION	COUPON									AC- CGP1E0	RE- JECTED	
5153	1 72	1	3/acr	Seav	Mohal						-	/	
REAK TESTS	, 32	11 " "							-				
NICK-8F	3												
	4	1											
TEST	SIZE AND WALL THICKNESS OF MAIN GAS PRESSUR										MAIN 🗆	1	
EWELD TEST	DID WELD COM	ITAIN: HOLES	COLDROLL	UNDERC	DEPTH OF UN			DERCUT LENGTH OF UN			DERCUT		
TEE	REMARKS ON	TEE WELD	//	8		- 2							
PIPE	WELD	QUALIFIED NOT QUALIFIE	D 2		ECTRIC ARC ACETYLENE		TEE WELD	QUALIFIED NOT QUALIFI		ECTRIC ARC			
TEST	ED BY	SIGNATURE	Kones	NO	makes		TITLE	t Au	0.				