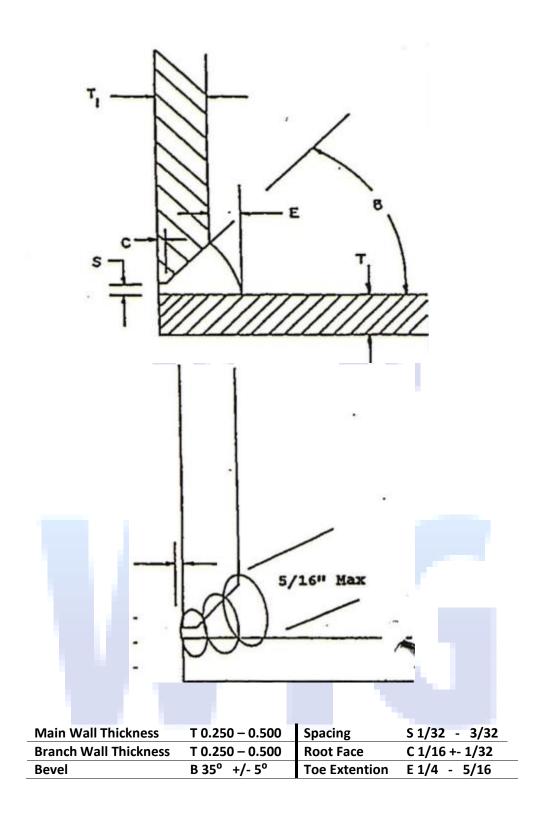
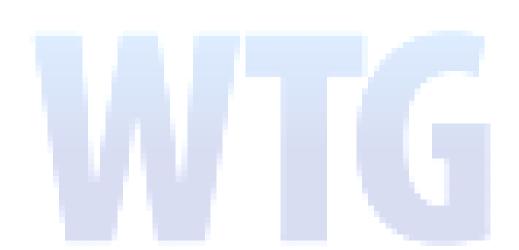
ls	sued:	4-23-2021	Revised:	Numbe	er: _	FP 12-12	Page:	
6		DD 14/51 D1	NO DDOGE	NURE CREATE	.	5 1011 "	ED 13	11
STAI	NDA	RD WELDI	NG PROCEI	OURE SPECIFI	CA	TION #:	FP 12	<u>'-12</u>
Α.	Proce	ess: Manual Ele	ectric Arc		W.			
В.		rial: Branch an		ru X52 grade mater	ial			
C.				n and Header 4" thi		" 0.250 tl	hru 0.500 V	VT
D.			rd Vee Groove					
E.		•		ectrode Classificati	on E	lectrode E6	010, AWS (Class
			num of 3 Passes				,	
F.	Electi	rical or Flame (Characteristics: [C. Reverse Polarit	y, Ele	ctrode Pos	itive	
G.	Positi	on: Header on	Horizontal-Bran	ch 90 degree and d	own	ward		
Н.	Direc	tion of Weldin	g: Down					
I.	Numb	oer of Welders	: 1					
J.	Time	Lapse Betweer	n Passes: Maximi	um of 5 minutes be	twee	en stringer a	and hot pas	s; 3
			when temperatu	re is below 35° F				
K.		of Line-up Clar		C 1				
L.		oval of Line-up	•					
M.				ers and flatten crov	vn by	grinding st	tringer bea	d,
	•	r buff all rema	- ·					
N.	•		•	es per minute maxi				
Ο.				300°F, Minimum o			-	e
			from pipe ends	h will heat entire c	rcun	merence(s)	in single	
Р				branch in an upwa	rd no	osition from	the heade	r and
•			mples will not be		. а р		r the neade	.i aiia
*				he carbon content	exce	eds 30% or	C+1/4 Mn	
				e is limited to 600°F				
				2.42				



Bead	Electrode	Amperage	Voltage		
No.	Diameter	Range	Range	Type Rod	Notes
1	1/8 5P+	90-120	20-35	E6010	
2	1/8 5P	90-135	20-40	E6010	
3	5/32 5P	90-140	20-40	E6010	
4	5/32 5P	90-140	20-40	E6010	
5*					

Bead										
No.		Notes								
1	Electrodes may be substituted within rod group 1&2 of AWS A5.1 – A5.5									
*	Additional passes may be made at same setting as bead #4									



WELD TEST REPORT (USE SEPAR				11			SOCIAL SE	CURITY NUMBER					
LOCATION NA			1 -1	NAME OF CONTRACTOR OR COMPANY			RIGHT HANDED		REQUALIFYING TEST				
Guymon			W	16	5050900	LEFT HANDEL	D 🗆	QUALIFYING TEST		-	LINE TEST 🗆		
INDICATED IN THEFT				OX-ACETYLENE OUTDOORS			TEMPERATURE	9:00 Am			ND BREAK USED		
	SPECIFICATION	LYX.	PIPEMANUF	ACTURER Tube		WALL THICKN	NESS II	DIAMETER (VEIGHT PE	R FOOT	E	
AKE	E OF WELDING		SIZE	MAKE OF OX-	ACETYLENE A// H_	WELDING NO.	ZZLE SIZE	PROPERTY AND PERSONS ASSESSED.	ENE PRESSURE				
RAN	ND OF ELECTRO		BRAND OF C	X-ACETYLENE RO	D AND SIZE	NUMBER OF I	PASSES, OX-ACE	TYLENE WELD) WELDING	PROCED	URE NO	L.	
_	Lincolv			NA	1		N/A		FP	17/1	2		
		ELECTRODE	TYPE AND SIZE		COARSE	SETTINGS	AMPERAG	GE RG. VOLTAGE RG.			This weld has been		
PIPE WELD	STRINGER	STRINGER 1/8 1 5P+ 6010			120-190	50	90-1	0 10	20-30	10-35 in		visually ispected	
	HOT PASS	1/8"	SP	6010	120-190	70		35	20-40) 0 (1) dist		and tributively	
	FILLER (S)	5/32	SP	6010	120-190	70	1	10	20-40		ested in	e to	
	CAP PASS	9/32"	58	6010	120-190	60	90-14	10			PI-1104		
	LOCATION	COUPON	WIDTH	CROSS, SEC. AREA SQ. IN.	LOAD	%ELONG.	COMPUTED TENSIL PSI	REMARKS			AC- CEPTED	RE-	
	1						7=10=7-0						
TENSILE TESTS										-			
SILET	2											\vdash	
IEN.	3										\vdash	-	
	4 COUPON										AC-	RE	
	LOCATION		TYPE OF BEN	U .			REMARK	S			CEPTED	RE- JECTE	
010	1								_		\vdash		
BEND TESTS	2									\		\vdash	
8	3							+		-	\vdash		
NICK-BREAK TESTS	4 COUPON					REMARKS		_			AC-	RE-	
	LOCATION	11.	1	MII	1/	1.1.1.					CEPTEO	JECTE	
	101	Clean	Gray	Meta/	100	Verecis					/		
- Dun	2 1 1	Clan	Gray	Metal	No t	le red's					-	/	
-	3 62	Gan	Gray	Mejal	No	Detects					/		
	4 12	Clean	Gray	Metal	16	Petecto					-		
100	SIZE AND WALL THICKNESS OF MAIN GAS PRESSUR			RE ON MAIN PSIG	LOCATION OF FRACTURE WELD NIPPLE				MAIN				
	DID WELD CONTAIN: PINHOLES COLDROLL UNDERCH			UT	DEPTH OF UNDERCUT LENGTH			H OF UND	OF UNDERCUT				
IEE WELL IES	REMARKS ON TEE WELD				70						-		
PE	WELD	QUALIFIED NOT QUALIFIE	D 0		ECTRIC ARC	0	TEE WELD	QUALIFIED		RIC ARC	-		
	ED BY	SIGNATURE	1/	011	ACETYLENE	<u> </u>	TITLE	Chris L	FIED OX-AC	ETTLENE		_	

