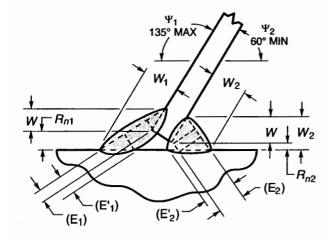
	NFORMANCE REPORT NO: <sup>3655</sup>	-		
Status	2 - Disposition Needed	Trend	07-Out Of Tolerance	
Department	NCSX	Division	NCSX Project	
Source/Org	VENDOR			
Item Dwg/Part#	NCSX-CSPEC-121-02-06 Procurement	# S00524	-3-F Cost	Center
RAP# 3245	Job Doc # S005243-F Vendo	r MAJOR TO	DOL AND MACHINE, INC	
RAP Title Field P	eriod Assembly Component Receipt Inspection			
📃 HoldTag App	olled			
and Annex II. All of t requires a larger fillet Annex II (Attachmen	<b>Condition</b> (include requirement ed port to vessel fillet welds (Attachment 1) were f he undersize areas are where the angle between t weld size than indicated on the weld symbol in area t 2) and pictures of effected areas (Attachment 3) not include welds on the individual ports.	found to be un the port and th eas greater th	dersize in accordance w ne vessel is greater than an 90° in order to produc	90°. Annex II of AWS D1.6 e a weld of equal strength.
	· · · · · · · · · · · · · · · · · · ·	E	Lot Rejected Validated	# Rejected Date
Disposition: Rew	ork* Repair* Use As Is* Retu	rn To Vend	or* Scrap*	
	ork* Repair* Use As Is* Retur			Distribution
	air of vendor supplied equipments, fill ir			Cog <u>M. Viola</u>
For rework or rep	air of vendor supplied equipments, fill ir \$Est Labor	1 informatio		Cog <u>M. Viola</u> Insp <u>Phelps C</u> Proj. Doc Control (when
For rework or rep #Hours	air of vendor supplied equipments, fill ir \$Est Labor	n informatio \$G&A \$Total		Cog <u>M. Viola</u> Insp <u>Phelps C</u> Proj. Doc Control (when closed) QC Files
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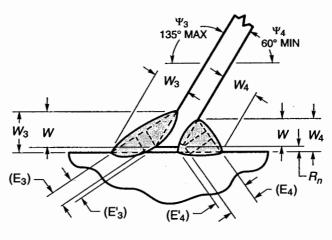
Disposition:	Rework	Repair	Use As Is	Return to Vendor	Scrap
For rework or	repair of vend	lor supplied e	quipment, fill in	information below:	
# Hour	'S	\$ Est Lab	or	\$ G&A	
\$ Mate	rial	\$ Burden		\$ Total	
Disposition b	У				
Supervisor's	Concurrence				
Eng. Dept. He	ad Concurrent	ce			
Other (i.e., W	CO/FPE) Conc	urrence			
PQA/QC Mgr	Disposition Co	oncurrence			
QA Field Veri					
					NCR, p. 2

## Port to Vessel Fillet Welds

Port No.	Dwg Weld Size	Length of Undersize	Actual Weld Size	Angle Port to Vessel	Annex II Weld Size	
9B	3/16"	1 area 5"	1/8"	125°	0.23"	
		1 area 2", 1 area		1 area 135°, 1 area		
4A	3/16"	2.5"	1/8"	125°	0.23" to 0.25"	
				1 area 135°, 1 area		
NB	3/16"	2 areas 2" ea.	1/8"	125°	0.23" to 0.25"	
11A	3/16"	1 area 3.5"	1/16"	155°	> 0.25"	
11B	3/16"	1 area 3"	1/16"	155°	> 0.25"	
10A	3/16"	1 area 3"	1/8"	110°	0.22"	
Dome						
В	3/16"	1 area 2"	1/8"	Not able to measure	> 3/16"	

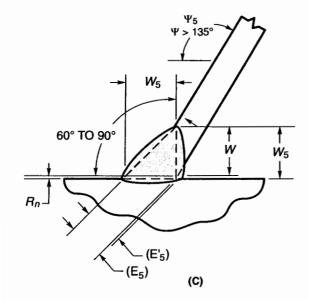
Table II-1           Equivalent Fillet Weld Leg Size Factors for Skewed T-Joints (see Annex II)								
Dihedral angle, Ψ	60°	65°	70°	75°	80°	85°	90°	95°
Comparable fillet weld size for same strength	0.71	0.76	0.81	0.86	0.91	0.96	1.00	1.03
Dihedral angle, Ψ	100°	105°	110°	115°	120°	125°	130°	135°
Comparable fillet weld size for same strength	1.08	1.12	1.16	1.19	1.23	1.25	1.28	1.31

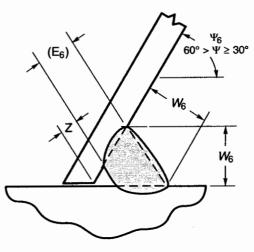




(A)

(B)





(D) (NOT PREQUALIFIED)

Notes:

- 1.  $(E)_{(n)}$ ,  $(E')_{(n)} = Effective throat dependent on magnitude of root opening <math>(R_n)$  (see 5.4.1). (*n*) represents 1 through 5. 2. t = thickness of thinner part.3. Not prequalified for gas metal arc welding using short circuiting transfer.

## Figure II-1---Details for Skewed T-Joints<sup>1,2,3</sup> (see 2.17)















4A-1

## 4A-2



