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# **Phased Array Examination Report**

										NFORMAT									
	Cust	omer	Husky Energy																
		dress		Ansell Gas Plant															
		roject		Weld Inspe	ctions														
Iten	n Descr			Butane B		2150	46												
Ex	am Star	ndard	Phase	d Array / To	OFD Insp	ectior	า		Acceptar	nce Standard	For Inf	format	tion only			Procedure	POLAR-U	Γ-PA02 Rev 0.1	
								TESTING	<b>EQUIPM</b>	ENT & PAR	AMET	ERS	3						
Instrum	Instrument Probe and Wed			and Wedge	Scan Setu		Scan 2 Setup	Scan 3 Setup	Group	Settings	Group	•		Group 3	Material		Cal. Std B-0845	Item Inspected	
Make	Olym	_		robe Make				Panametrics		90 45-72		270	TOFD	Material:		Carb Steel	Carbon Steel		
Model	MX			obe Model				5L64 C544		Angles		2	45-72	70 0/0 <b>T</b>	Velocity:		3240 m/s	3240 m/s	
S/N Cal. Due Date	Omni2-			Frequency Cable Type			CoAxial	12-5MHz 10MHz CoAxial Microdot		n Resolution	55 1.0		55 1.0	2/3T -	Diameter: SCH/Nom. Thick:		457mm SCH 160	3596mm 45.2mm	
Module Model	PA32			Probe S/N			K1690	827266		Reference dB	15.0		15.0	14.0	Temperature (°C):		+20	+20	
Module S/N	Omni-6			ge Material			Rexolite	Rexolite		Transfer dB	-			-	Surface Condition:		Clean	Painted	
Cal. Due Date	May 3.			dge Model			SA12N55S			Scanning dB	+6.0		+6.0	-		Couplant:	Water	Water	
Software Version	MXU 4	I.4R4	Wedge	e Diameter	Flat		Flat	Flat		coder				(steps/mm)	13.78	Scan Res.	1.0	Speed (mm/s): 42.	
EXAMINATION DETAILS AND RESULTS																			
Location	V702-E		Bullet											Flaw I	Details (	· ,			
Weld ID	Welder ID	C/L Offset (mm)	Weld Width (mm)	Scan Start	Scan Direction	Scan 1 Location	Scan 1 Thickness	Scan 2 Thickness	Circ Start (mm)	Axial Position (mm)	OD Depth (mm)	Height (mm)	Length (mm)	% Amp	a/t	Type (Surface or Sub)	Accept or Reject	Comments	
CS-1 (North Head)	N/A	40	85	TDC	CW	90	23.0	25.0	3860	+22	25.0	2.1	42	125	-	Surface	REJ	Toe Crack (Head	
CS-1 (North Head)	N/A	40	85	TDC	CW	90	23.0	25.0	5473	+19	25.0	7.1	38	125	-	Surface	REJ	Toe Crack (Head	
CS-1 (North Head)	N/A	40	85	TDC	CW	90	23.0	25.0	6981	+22	25.0	4.8	3 42	125	-	Surface	REJ	Toe Crack (Head)	
CS-1 (North Head)	N/A	40	85	TDC	CW	90	23.0	25.0	8069	+17	25.0	4.8	33	90	-	Surface	REJ	Toe Crack (Head	
CS-2	N/A	40	60	TDC	CW	90	23.0	23.0	0	-	-	-	-	-	-	-	ACC	No ISI recorded	
CS-3	N/A	40	60	TDC	CW	90	23.0	23.0	0	-	-	-	-	-	-	-	ACC	No ISI recorded	
CS-4	N/A	40	60	TDC	CW	90	23.0	23.0	0	-	-	-	-	-	-	-	ACC	No ISI recorded	
CS-5 (South Head)	N/A	40	75	TDC	CW	90	25.0	23.0	0	-	-	-	-	-	-	-	ACC	No ISI recorded	
TDC= top dead center. LS=long seam. ISI= In Service Indications. Circ scans clock wise facing North. Consistenancy and quality of data acquisition limited due to surface condition.  Long seams @ approximately 10 & 2 o'clock. Non-encoded manual PAUT performed at all "T" intersections and all nozzles without repads.  Manufacture defects were noted but not recorded as part of this report																			
Examiner		s Walke	0 11						_	Certification Type, Le Reg. No.:				PCN PAUT/TOFD # 3			317625	Greg Guenette	
Peer Review			Signature:								Certification Type, Level and Reg. No.:					Date:			
The examination r	esults inc	luded in	this repo	rt are an into	erpretation	of the	e testing ins	trument data		rantee of equiptovided	nent, par	t, or co	omponent c	ondition. Stre	amline is o	only liable for	the cost of the	e examination services	

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EXAMINATION DETAILS AND RESULTS																			
Location	V702-B Butane Bullet										Flaw Details (mm)								
Weld ID	Welder ID	C/L Offset (mm)	Weld Width (mm)	Scan Start	Scan Direction	Scan 1 Location	Scan 1 Thickness	Scan 2 Thickness	Circ Start (mm)	Axial Position (mm)	OD Depth (mm)	Height (mm)	Length (mm)	% Amp	a/t	Type (Surface or Sub)	Accept or Reject	Comments	
LS C2-C1	N/A	40	45	CS2	CW	90	23.0	23.0	0	-	-	-	-	-	-	-	ACC	No ISI recorded	
LS C2-C3	N/A	40	45	CS2	CW	90	23.0	23.0	0	-	-	-	-	-	-	-	ACC	No ISI recorded	
LS C4-C3	N/A	40	45	CS4	CW	90	23.0	23.0	0	-	-	-	-	-	-	-	ACC	No ISI recorded	
LS C4-C5	N/A	40	45	CS4	CW	90	23.0	23.0	0	-	-	-	-	-	-	-	ACC	No ISI recorded	
	Encode	L																	

Notes Encoded data:

CS-1, 0-5700mm, 6100-11400mm

CS-2, 0-11400mm

CS-3, 0-11400mm

CS-4, 0-5575, 6200-11400mm

CS-5, 0-8300, 9300-11400mm

LS C2-C1, 50-3000mm

LS C2-C3, 50-3000mm

LS C4-C3, 50-3000mm

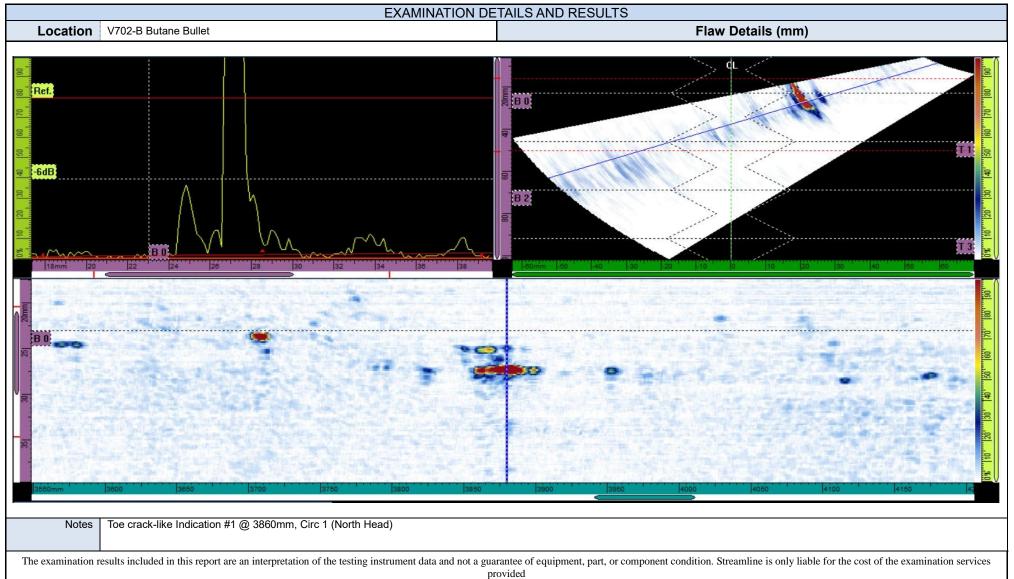
LS C4-C5, 50-3000mm

The examination results included in this report are an interpretation of the testing instrument data and not a guarantee of equipment, part, or component condition. Streamline is only liable for the cost of the examination services provided



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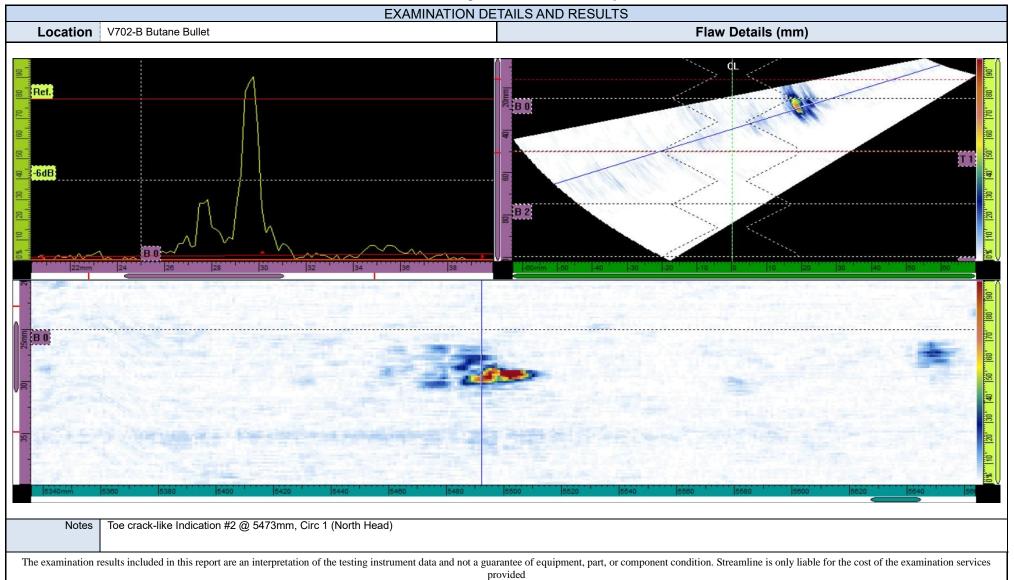
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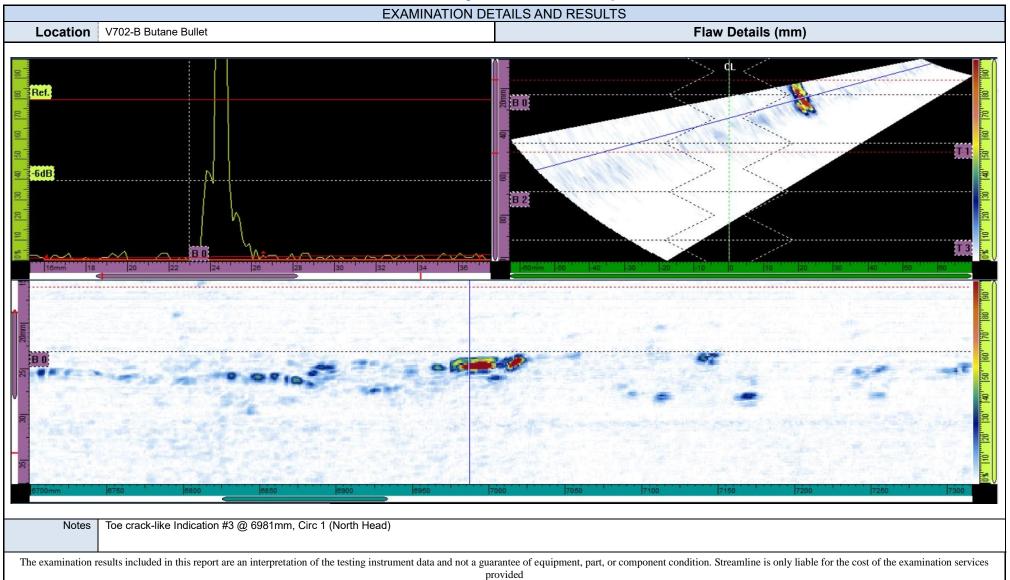
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