

INFORMATION			
CLIENT:	CLIENT JOB #:	REPORT # :	
PROJECT: 60" 1440psi Horizontal Separator	CONTRACTOR JOB #:	PAGE:	1 of 6
LOCATION / LSD:	CLIENT REPRESENTATIVE:	DATE:	2023-11
CONTRACTOR:	TECHNICIAN:	ASSISTANT:	
INFORMATION: Alberta Pipe & Vessels. Serial #: 06-008. CRN#: T6237.2.1.3. Year: 2006. C.A: .125". A#: 562061.			

METHOD											
PROCEDURE: RCSS-NDT-UT-006 Rev 01 - Ultrasonic Thickness Measurement Technique - ASME V and ASME SE-797						*Daily Performance Calibration Completed as per T-462.1					
PROCEDURE ADDENDUM: N/A			CODE OR SPECIFICATION: Information			ACCEPTANCE CRITERIA: Information					
MANUFACTURER / MODEL: Olympus 38DL Plus			SERIAL NUMBER: 213786005			CALIBRATION DATE: 2023-11-05					
SURFACE CONDITIONS: Painted			MATERIAL TYPE: Carbon Steel			SURFACE TEMPERATURE: 3 °C			MATERIAL THICKNESS RANGE: 0" - 5.000"		
SURFACE INSPECTED FROM: Outside Surface			CABLE LENGTH: 3'			COUPLANT TYPE: Echogel20					
CALIBRATION BLOCK TYPE: 0.500" STEP			SERIAL NUMBER: 15-3679			CALIBRATION BLOCK TYPE:			SERIAL NUMBER:		
CALIBRATION BLOCK TYPE:			SERIAL NUMBER:			CALIBRATION BLOCK TYPE:			SERIAL NUMBER:		

Angle	Frequency	Diameter	Transducer Make	Model	Serial Number	Mode	Range	Reference dB	Ref Reflector	Ref FSH (%)	Transfer Value	Scan Level
0°	5.00MHz	0.375"	Olympus	D790	1324311	Dual Compression	5.000"	66dB	Backwall	80%	N/A	+6dB

EXAMINATION & TEST RESULTS

UT #	Min.	Max.	Gen.	Scanned	Location	Size (")	SCH	NOM THK
00	2.479"	2.590"	2.495"	T - B	Bottom Head	60" O.D	N/A	2.400"
05	2.501"	2.558"	2.545"	L - R	Bottom Shell	60" O.D	N/A	2.500"
10	2.535"	2.559"	2.545"	T-B	Mid Shell	60" O.D	N/A	2.500"
15	2.505"	2.551"	2.540"	L-R	Bottom Shell	60" O.D	N/A	2.500"
20	2.536"	2.560"	2.545"	T-B	Mid Shell	60" O.D	N/A	2.500"
25	2.537"	2.566"	2.551"	L-R	Top Shell	60" O.D	N/A	2.500"
30	2.534"	2.560"	5.550"	T-B	Mid Shell	60" O.D	N/A	2.500"
35	2.529"	2.558"	2.547"	L-R	Bottom Shell	60" O.D	N/A	2.500"
40	2.471"	2.503"	2.485"	T-B	Mid Head	60" O.D	N/A	2.400"
45	0.493"	.550"	.510"	T-B	90 deg. Elbow	8"	XS	.500"
50	0.486"	0.510"	0.500"	T-B	90 deg. Elbow	8"	XS	.500"
55	0.530"	0.571"	0.545"	T-B	90 deg. Elbow	8"	XS	.500"
60	0.293"	0.305"	0.296"	T-B	90 deg. Elbow	3"	XS	.300"
65	0.277"	0.300"	0.289"	L-R	90 deg. Elbow	3"	XS	.300"
70	0.284"	0.300"	0.290"	T-B	90 deg. Elbow	3"	XS	.300"
75	0.421"	0.440"	0.430"	T-B	90 deg. Elbow	2"	XXS	.436"
80	0.283"	0.308"	0.292"	T-B	90 deg. Elbow	3"	XS	.300"
85	0.286"	0.310"	0.296"	L-R	90 deg. Elbow	3"	XS	.300"
90	0.290"	0.320"	0.300"	L-R	90 deg. Elbow	3"	XS	.300"
95	2.462"	2.540"	2.480"	T-B	Bottom Head	60" O.D	N/A	2.500"
100	2.470"	2.550"	2.490"	T-B	Mid Head	60" O.D	N/A	2.400"

A 0 Degree ultrasonic thickness examination was performed on the Horizontal vessel TML bands and on the backside of the 90 Degree elbows as shown in supplement page for pictures. The results are listed in results on report. Approx. 2" X 2' band on shell.

<p><small>THIS DOCUMENT AND ALL SERVICES AND/OR PRODUCTS PROVIDED IN CONNECTION WITH THIS DOCUMENT AND ALL FUTURE SALES ARE SUBJECT TO AND SHALL BE GOVERNED BY THE "STANDARD SERVICE TERMS" IN EFFECT WHEN THE SERVICES AND/OR PRODUCTS ARE ORDERED. THOSE TERMS ARE AVAILABLE AT BAKOSNDT.COM/SERVICE-TERMS, ARE EXPRESSLY INCORPORATED BY REFERENCE INTO THIS DOCUMENT AND SHALL SUPERSEDE ANY CONFLICTING TERMS IN ANY OTHER DOCUMENT (EXCEPT WHERE EXPRESSLY AGREED OTHERWISE IN THAT OTHER DOCUMENT).</small></p> <p>The Client Representative who receives this report is responsible for verifying that the acceptance standard listed in the report is correct and promptly notifying BakosNDT of any issues with this report and/or the work summarized herein. The owner is responsible for the final disposition of all items inspected.</p>	<p>CLIENT APPROVAL:</p> <p style="text-align: center;">signature </p>
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EXAMINATION & TEST RESULTS

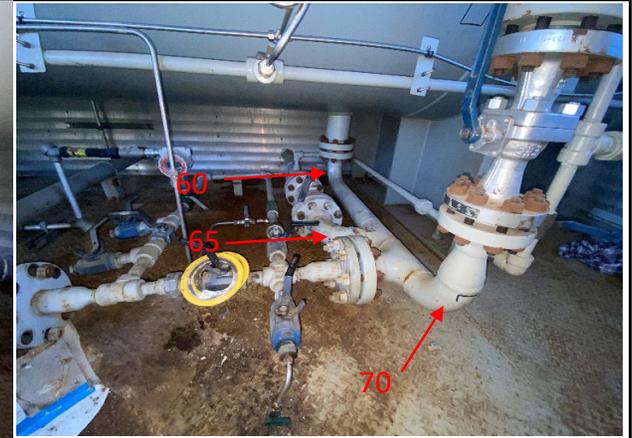
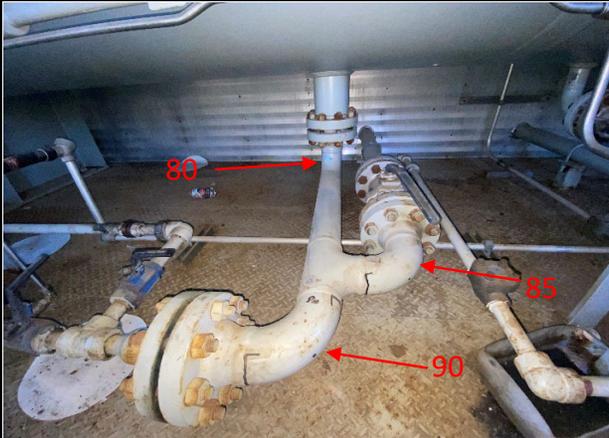
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