


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:		DIA / THICKNESS:		
CALIBRATION BLOCK TYPE:				SERIAL NUMBER:		CALIBRATION BLOCK TYPE:		SERIAL NUMBER:		DIA / THICKNESS:		
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	<p>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>			
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"				
<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>									CLIENT APPROVAL: <div style="text-align: center;">  signature </div>			
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.												
Proprietary Document – Disclosure Restricted to BakosNDT Ltd. Employees and Authorized Holders									BakosNDT-Form-UT-005 Rev.02			
BakosNDT 1423 70 Ave, Edmonton, AB T6P 1N5 P: 888-763-5575 admin@bakosndt.com www.bakosndt.com												

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EXAMINATION & TEST RESULTS


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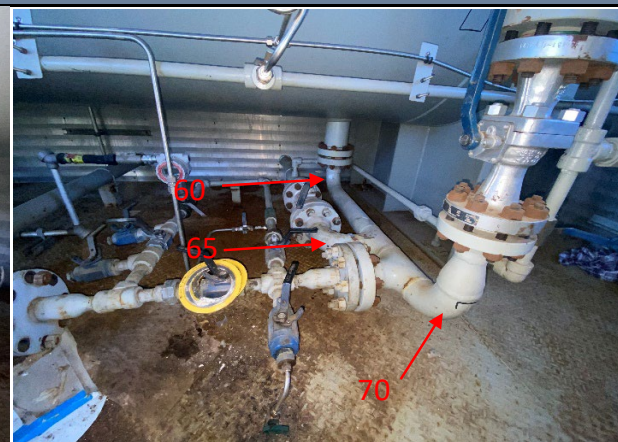
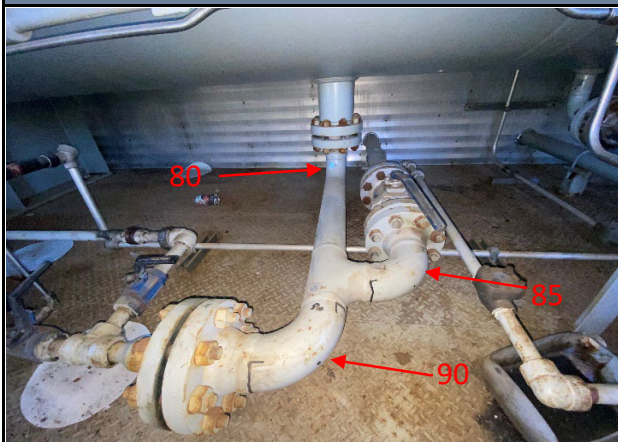
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EXAMINATION & TEST RESULTS
