ULTRASONIC REPORT

CLIENT INFO

CUSTOMER / CLIENT:	**OTG**	**CLIENT JOB NO.:**	**1222**	**REPORT NO. :**	**UFO-221114-11**
CONTRACTOR:		**CLIENT CODING:**	**PO# 0605**	**PAGE:**	**1 OF 2**
PROJECT:	**UT SEPARATOR A0483264, SN 7809-03, CRN P7312.2**			**DATE:**	**14-Nov-22**
LOCATION / LSD:	**QUEENS IND PARK SHOP**			**TECHNICIAN:**	**FRANK ORELLANA**
CODE / CLIENT SPEC:	**ASME VIII Div. 1 / ASME V Art. 5**	**APPROVER:**	**MATT CAMPBELL**	**ASSISTANT:**	**NA**

METHOD

ECHO PROCEDURE:	RCSS-NDT-UT-006 Rev 01 - Ultrasonic Thickness Measurement Technique - ASME V and ASME SE-797						
MANUFACTURER / MODEL:	GE DMS/USM Go	**SERIAL NO:**	GOPLS20120006	**LAST CALIBRATION DATE:**	JAN 6/2022		
MATERIAL TYPE:	CS	**SURFACE CONDITION:**	Painted	**MATERIAL THICKNESS RANGE:**	0.100" - 1.200"		
SURFACE(S) INSPECTED FROM:	Outside Surface	**CALIBRATION BLOCK:**	1.000" STEP	*Daily Performance Calibration Completed as per T-462.1			
REFERENCE REFLECTOR:	Backwall	**TYPE:**		**SIZE:**		**DEPTH:**	0.200" - 1.000"
RESPONSE FSH (%):	80%						

TRANSDUCER:	ANGLE (º)	MODE	FREQ (MHz)	DIA (")	MFG	SN	RANGE	REF DB	SCAN DB	CABLE LEN. (")	COUPLANT
1	0	0°	5.00MHz	0.25"	Stresstel	20C0075T	50mm	51	57	36	UT-X
2											
3											
4											

EXAMINATION & TEST RESULTS

An ultrasonic thickness survey was performed on the above listed item, low and averages were recorded at time of inspection as requested by the client. View following page for locations and below for readings.

Band	Low	Avg	Nom	Location
00	0.952	0.993	0.937	Head
05	0.998	1.009	1.000	Shell
10	0.993	1.014	1.000	Shell
15	0.995	1.013	1.000	Shell
20	0.862	0.978	0.937	Head
30	0.326	0.353	0.343	Nozzle
35	1.036	1.052	0.674	Nozzle
40	0.326	0.344	0.343	Nozzle
45	0.331	0.343	0.343	Nozzle
50	0.819	0.841	0.600	Nozzle

Band	Low	Avg	Nom	Location
55	0.329	0.346	0.343	Nozzle
60	0.338	0.364	0.343	Nozzle
65	0.323	0.350	0.343	Nozzle
70	0.848	0.860	0.600	Nozzle
75	0.841	0.867	0.600	Nozzle
80	0.341	0.367	0.343	Nozzle
85	0.321	0.348	0.343	Nozzle
90	0.325	0.345	0.343	Nozzle
95	0.833	0.860	0.600	Nozzle
96	1.024	1.034	0.674	Nozzle
97	0.809	0.822	0.600	Nozzle

*no access to band 25 due to cat "c" weld
*pit found on bottom head and corrosion noted around head drain nozzle (band 20).

*readings in inchs
*nozzle nominals assumed

QUANTITIES

REGULAR TIME:		**FILM:**	
OVERTIME:		**CONSUMABLES:**	VIEW
SHIFT PREMIUM:		**EQUIPMENT:**	FFO-221114-1
KILOMETERS:		**EXPENSES:**	
SUBSISTENCE:		**MISCELLANEOUS:**	

FRANCISCO ORELLANA
CGSB # 12307 UTII /MTII
SNT-TC-1A UTII /MTII

CLIENT APPROVAL:

Echo NDE Inc. | 59 Burnt Park Drive, Red Deer AB T4P 0J7 | P: 866-347-7042 | operations@echonde.com | www.echonde.com

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EXAMINATION & TEST RESULTS

DATE: Nov 14/22 TECHNICIAN: FO ASSISTANT:

Client	LSD
OTG	

Equipment	RT	Serial # / Manufacturer
Separator	RT-1	7809-03 NATCO

CRN	A #	#	Year Built
P7312.2	483264	/	2002

DWG	Survey	Plant or Field (Circle)	PSIG / KPA	F / C	CA
11			1440	130	0.125"

Item Band Location	Head	Shell	25,30,45 45,55-15 80-90	35,96	50,75 95,97,70
Material	C	C	c/s		
OUTSIDE Diameter	2'	2'	2.375"	4.5"	3.5"
Type	1	10	5	5	5
Comment	/	/	/	/	/
Nominal Thickness	0.937"	1.00"	0.343	0.674"	0.600"

Bottom head 40% scanned
Band 25 unable to scan due to cat "C" weld.

N

COMMENTS

1) Cryogenic Service
2) Insulated
3) No Name Plate
4) Name Plate Illegible
5) No Access
6) Too Hot
7) Rough Surface
8) O.D. Pitting
9) I.D. Pitting
10) Pipe / Plate (Circle One)

Piping Types

1. 90° Nozzle	6. 360° Circ Pipe
2. 90° Pipe	7. Tee Nozzle
3. 45° Nozzle	8. Tee Pipe
4. 45° Pipe	9. Straight Nozzle
5. 360° Circ Nozzle	10. Straight Pipe

Head Types

1 ellipsoidal	5 toriconical
2 torispherical	6 flat
3 spherical	7 hemispherical
4 conical	

Common Materials

A 53-B	C 516-70
B 106-B	D 234-WPB

Ensure all information is recorded for ve
boots, when applicable.

SUNSET PRINTING (20

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