



ULTRASONIC REPORT

CLIENT INFO

CUSTOMER / CLIENT:	OTG	CLIENT JOB NO.:	1222	REPORT NO. :	UFO-221114-12
CONTRACTOR:		CLIENT CODING:	PO# 0605	PAGE:	1 OF 2
PROJECT:	UT FGS SN 41906-25K, CRN N-3019.213			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" - 1.000"
SURFACE(S) INSPECTED FROM:	Outside Surface	CALIBRATION BLOCK:	1.000" STEP	*Daily Performance Calibration Completed as per T-462.1	
REFERENCE REFLECTOR:	Backwall	TYPE:		DEPTH:	0.200" - 1.000"
		SIZE:		RESPONSE FSH (%):	80%

TRANSDUCER:	ANGLE (°)	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	0.763	0.770	NA	Head
05	0.348	0.359	NA	Shell
10	0.332	0.352	NA	Shell
15	0.366	0.385	NA	Shell
20	0.361	0.379	NA	Head

*readings in inches

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:



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PAGE: 2 OF 2

EXAMINATION & TEST RESULTS

DATE: <u>Nov 14 / 22</u>				TECHNICIAN: <u>FO</u>				ASSISTANT:																									
Client		LSD		Item Band Location																													
<u>OTG</u>				<u>Head Shell</u>																													
Equipment		RT		Material																													
<u>FGS</u>		<input checked="" type="checkbox"/>		<u>10.75" 10.75"</u>																													
CRN		A #		#		Year Built																											
<u>N-3019.213</u>						<u>1999</u>																											
DWG		Survey		Plant or Field (Circle)		PSIG / KPA		F / C		CA																							
<u>12</u>						<u>150</u>		<u>200</u>		<input checked="" type="checkbox"/>																							
<p><u>No access under skirt</u></p>				<p>COMMENTS</p> <ol style="list-style-type: none"> 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) <u>Pipe</u> Plate (Circle One) <p>Piping Types</p> <table border="1"> <tr><td>1. 90° Nozzle</td><td>6. 360° Circ Pipe</td></tr> <tr><td>2. 90° Pipe</td><td>7. Tee Nozzle</td></tr> <tr><td>3. 45° Nozzle</td><td>8. Tee Pipe</td></tr> <tr><td>4. 45° Pipe</td><td>9. Straight Nozzle</td></tr> <tr><td>5. 360° Circ Nozzle</td><td>10. Straight Pipe</td></tr> </table> <p>Head Types</p> <table border="1"> <tr><td>1 ellipsoidal</td><td>5 toriconical</td></tr> <tr><td>2 torispherical</td><td>6 flat</td></tr> <tr><td>3 spherical</td><td>7 hemispherical</td></tr> <tr><td>4 conical</td><td></td></tr> </table> <p>Common Materials</p> <table border="1"> <tr><td>A 53-B</td><td>C 516-70</td></tr> <tr><td>B 106-B</td><td>D 234-WPB</td></tr> </table> <p>Ensure all information is recorded for vessel boots, when applicable.</p> <p>SUNSET PRINTING (2005)</p>								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	1 ellipsoidal	5 toriconical	2 torispherical	6 flat	3 spherical	7 hemispherical	4 conical		A 53-B	C 516-70	B 106-B	D 234-WPB
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