



# ULTRASONIC REPORT

## CLIENT INFO

|                     |   |                 |                 |              |               |
|---------------------|---|-----------------|-----------------|--------------|---------------|
| CUSTOMER / CLIENT:  | OTG Oilfield Equipment LTD                            | CLIENT JOB NO.: |                 | REPORT NO. : | USC-220609-1  |
| CONTRACTOR:         |   | CLIENT CODING:  | PO# 00255       | PAGE:        | 1 OF 1        |
| PROJECT:            | UT on 16" Firetube A0438872                           |                 |                 | DATE:        | June.9/ 2022  |
| LOCATION / LSD:     | Red Deer Shop/ Burnt Lake Industrial                  |                 |                 | TECHNICIAN:  | Steve Cormack |
| CODE / CLIENT SPEC: | ASME VIII Div. 1 / ASME V Art. 5 (2021)/ B31.3 (2020) | APPROVER:       | Wendell Stenvig | ASSISTANT:   |               |

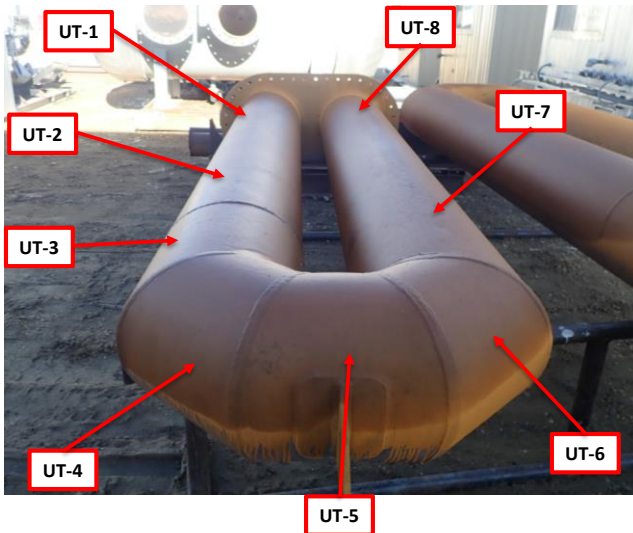
## METHOD

|                            |  |                    |                  |        |  |   |              |
|----------------------------|--|--------------------|------------------|--------|--|---|--------------|
| ECHO PROCEDURE:            | RCSS-NDT-UT-006 Rev 01 - Ultrasonic Thickness Measurement Technique - ASME V and ASME SE-797 |                    |                  |        |  | LAST CALIBRATION DATE:                                  | July.2/ 2021 |
| MANUFACTURER / MODEL:      | GE DMS Go  | SERIAL NO:         | GOPLS16120125    |        |  | MATERIAL THICKNESS RANGE:                               |              |
| MATERIAL TYPE:             | Carbon Steel   | SURFACE CONDITION: | Clean Base Metal |        |  | *Daily Performance Calibration Completed as per T-462.1 |              |
| SURFACE(S) INSPECTED FROM: | Outside Surface  | CALIBRATION BLOCK: | 0.500" STEP      |        |  |   |              |
| REFERENCE REFLECTOR:       |  | SIZE:              |                  | DEPTH: |  | RESPONSE FSH (%):                                       |              |

| TRANSDUCER: | ANGLE (°) | MODE | FREQ (MHz) | DIA (") | MFG       | SN | RANGE | REF DB | SCAN DB | CABLE LEN. (") | COUPLANT |
|-------------|-----------|------|------------|---------|-----------|----|-------|--------|---------|----------------|----------|
| 1           | 0         | 0°   | 5.00MHz    | 0.25"   | Stresstel |    | 1.00" | 59     | 59      | 80"            | UT-X     |
| 2           |           |      |            |         |           |    |       |        |         |                |          |
| 3           |           |      |            |         |           |    |       |        |         |                |          |
| 4           |           |      |            |         |           |    |       |        |         |                |          |

## EXAMINATION & TEST RESULTS

Scope: A zero degree ultrasonic inspection was performed on the 16" Firetube seen below, as requested by the client.



| A0438872 |       |       |
|----------|-------|-------|
| Scan     | Low   | Avg   |
| UT-1     | 0.489 | 0.502 |
| UT-2     | 0.506 | 0.509 |
| UT-3     | 0.323 | 0.486 |
| UT-4     | 0.305 | 0.491 |
| UT-5     | 0.335 | 0.49  |
| UT-6     | 0.348 | 0.467 |
| UT-7     | 0.357 | 0.478 |
| UT-8     | 0.317 | 0.352 |

Corrosion noted in Scans 3-8

## QUANTITIES

|                |                |                               |
|----------------|----------------|-------------------------------|
| REGULAR TIME:  | FILM:          |                               |
| OVERTIME:      | CONSUMABLES:   |                               |
| SHIFT PREMIUM: | EQUIPMENT:     |                               |
| KILOMETERS:    | EXPENSES:      | See FSC-220609-1 for charges. |
| SUBSISTENCE:   | MISCELLANEOUS: |                               |

STEVEN CORMACK  
CGSB # 17507 UTI/ MTII/ SNT-TC-1A  
AB IPVPP # 001379, SK PEI Class 2 # 82828, API 510 # 101283

CLIENT APPROVAL: