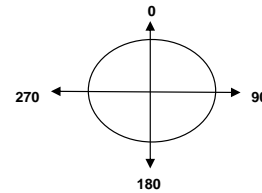
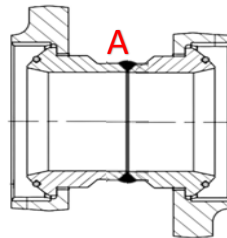


CERTIFICATE OF QUALIFICATION VISUAL AND MAGNETIC PARTICLE INSPECTION AND ULTRASONIC THICKNESS GAUGING INSPECTION

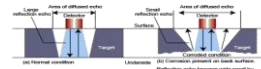
THIS REPORT COMPLIES WITH RECOGNIZED INTERNATIONAL STANDARDS & TECHNICAL REQUIREMENTS

| | | | |
|---------------------|--|-----------------------|-----------------------------------|
| CLIENT: | HALLIBURTON | REPORT NO.: | QC-25-05-TSS-NDT-028 |
| LOCATION: | TSS YARD | JOB NO.: | 12052025 |
| WORK ORDER # | ***** | STANDARD: | ASTM E709 -21 & ASTM E797-21 |
| DATE OF INSPECTION: | Monday, May 12, 2025 | NEXT INSPECTION DATE: | Tuesday, November 11, 2025 |
| TYPE OF INSPECTION: | VISUAL INSPECTION AND MAGNETIC PARTICLE INSPECTION AND ULTRASONIC THICKNESS GAUGING | | |
| DESCRIPTION: | X-OVER: 3" 206 WING X 3" 206 WING | SERIAL NO.: | 218601 |



ONLINE TRACEABILITY

* ALL READINGS IN INCH
**MINIMUM THICKNESS PROVIDED BY CUSTOMER



| ANGLE | WALL THICKNESS RESULT | | MINIMUM THICKNESS IN INCHES |
|-------|-----------------------|--|-----------------------------|
| | A | | |
| 0° | 0.304 | | 0.170 INCH |
| 90° | 0.302 | | |
| 180° | 0.314 | | |
| 270° | 0.301 | | |

INSPECTION RESULT

| | | |
|----------|----------|----------------------------|
| VT & MPI | Accepted | According to ASTM E709-21 |
| UT | Accepted | According to ASTM E 797-21 |

Inspection Evaluation

MPI -The Above Item Has No Significant Discontinuities At The Time Of Inspection And Found Acceptable According to ASTM E709-21

Note:MPI Wet Fluorescent inspection Thread With UltraViolet Light
Magnetic Particle Inspection With A/C Hand Yoke Welds & Available Areas

U.T-The Above Item Was Found Acceptable As Per ASTM E797-21

| INSPECTION EQUIPMENT DETAILS | | | | TECHNICAL DETAILS | | | |
|----------------------------------|-----------|---------------------------|-------------------------|-------------------------------------|----------------------|----------|-------------|
| AC YOKE S.N: | 201504048 | CAL DUE DATE | 7-Oct-25 | White Contrast WCP-2 | MANUFACTURE | BATCH NO | EXPIRE DATE |
| Digital Lux Meter WHITE LIGHT | 2722003 | CAL DUE DATE | 9-Oct-25 | | Magnaflux | 230408 | APRIL,2026 |
| UT THICKNESS GAUGE: | 5500391 | CAL DUE DATE | 7-Oct-25 | Black Magnetic Ink 7HF | MANUFACTURE | BATCH NO | EXPIRE DATE |
| UT TEST BLOCK: | NoBo5087 | CAL DUE DATE | 8-Oct-25 | | Magnaflux | 230604 | JUNE, 2026 |
| ASTM Test Block: | 1657 | CAL DUE DATE | 7-Oct-25 | Fluorescent Magnetic Ink 14HF | MANUFACTURE | BATCH NO | EXPIRE DATE |
| DC COIL: | 22650 | CAL DUE DATE | 8-Oct-25 | | Magnaflux | 230503 | MAY.2026 |
| UV BLACK LIGHT: | 87521 | CAL DUE DATE | 9-Oct-25 | Concentration of 14HF: | 0.1 to 0.4 ml/100 ml | | |
| WHITE LIGHT INTENSITY: | 3590 lux | UV BLACK LIGHT INTENSITY: | 3060 μw/cm ² | Concentration of 7HF: | 1.2 to 2.4 ml/100 ml | | |

PERSON DETAILS

REVIEW BY

| | | | | | |
|--------------------|-------------------------------|------------------------|----------------|---------|--|
| INSPECTOR NAME: | M. Shahzad M. Al-Jabbar | SENIOR INSPECTOR: | NAVEED HUSSAIN | CLIENT: | |
| QUALIFICATION: | ASNT Level II MT, PT, UT, VT, | INSPECTION SUPERVISOR: | HANI ALI | HB&SIGN | |
| SIGNATURE & STAMP: | | | | DATE: | |

Original - Client Files Copy - Area Office QC/FN/PT/077 Rev.00 DATED 07.NOV. 2021

