




CERTIFICATE OF QUALIFICATION VISUAL AND MAGNETIC PARTICLE & WITNESSING PRESSURE TEST

THIS REPORT COMPLIES WITH RECOGNIZED INTERNATIONAL STANDARDS & TECHNICAL REQUIREMENTS

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|---|---|------------------------|------------------------|---|-----------------|-----------|-------------|
| CLIENT: | HALLIBURTON | | REPORT No.: | HALL.QC-24-03-WPS-NDT-013 | | | |
| LOCATION: | (WPS Burjesia Halliburton Camp) | | JOB NO.: | HAL.24-03-WPS-NDT-WITNESS-002 | | | |
| Reference Standard: | WM-GL-HAL-WPS-1705 | | SPECIFICATION: | ASTM E709 & ASTM E 1444 (2016) ASME V Article 7 (2019) & API 6A | | | |
| INSPECTION DATE: | Monday, March 11, 2024 | | NEXT INSPECTION DATE : | Monday, March 10, 2025 | | | |
| TYPE OF INSPECTION: | VT, MPI WET FLUORESCENT WITH ULTRAVIOLET LIGHT AND PRESSURE TEST WITNESS | | | | | | |
| DESCRIPTION OF UNDER INSPECTION: | BLIND FLANGE 11" R-54 5K | | | | | | |
| CHART RECORDER S.N: | 112078039001 | | CAL DUE DATE: | 27.APRIL.2024 | | | |
| PRESSURE GAUGE S.N: | 15126-1 | | CAL DUE DATE: | 27.APRIL.2024 | | | |
| PUMP DESCRIPTION: | 700 Series P.T.U 10K Part no.L-690268 | PUMP S/N: | AEME12F032 | CAL DUE DATE | 27.APRIL.2024 | | |
| SKETCH OR PICTURE | | | | | | | |
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| DESCRIPTION OF UNDER INSPECTION: | | | SAP NO: | IDENTIFICATION NO: | | | |
| BLIND FLANGE 11" R-54 5K | | | - | AEME13A010 | | | |
| PRESSURE TEST | WORKING PRESSURE: | 5000 PSI | WORKING PRESSURE: | 5000 PSI | LOWER PRESSURE: | 300 PSI | |
| | DEPRESSURIZED: | 0 PSI | DEPRESSURIZED: | 0 PSI | DEPRESSURIZED: | 0 PSI | |
| | HOLDING TIME: | 4 MINUTES | HOLDING TIME: | 15 MINUTES | HOLDING TIME: | 6 MINUTES | |
| INSPECTION EVALUATION | | | | | | | |
| <p>Pressure Test Witness: -The above Item was pressurized to 5,000 psi and held for 4 minutes and then depressurized to 0 psi. - The Item was pressurized again to 5,000 psi and held for 15 minutes and then depressurized to 0 psi. - The Item eventually was pressurized to 300 psi and held for 6 minutes and then depressurized to 0 psi. No leaks were observed on the equipment during or after the pressure test & pressure was stable accordance to chart recorder attached.</p> <p>VT- No deformations, or damages were observed on the equipment during or after the pressure test .The above Item has no significant discontinuous At the time of inspection and found Acceptable ready to use.</p> <p>MPI- No cracks were observed on the equipment during or after the pressure test.The above Item Has no significant discontinuous At the time of inspection and found Acceptable ready to use.</p> | | | | | | | |
| INSPECTION EQUIPMENT DETAILS | | | | TECHNICAL DETAILS | | | |
| AC YOKE S.N: | 201504052 | CAL DUE DATE | 12-Aug-24 | White Contrast WCP-2 | MANUFACTURE | BATCH NO | EXPIRE DATE |
| Digital Lux Meter WHITE LIGHT | 2722003 | CAL DUE DATE | 14-Aug-24 | | Magnaflux | 220602 | JUN,2025 |
| DC COIL: | 22650 | CAL DUE DATE | 12-Aug-24 | Black Magnetic Ink 7HF | MANUFACTURE | BATCH NO | EXPIRE DATE |
| UV BLACK LIGHT: | 1898977 | CAL DUE DATE | 12-Aug-24 | | Magnaflux | 220605 | JULY.2025 |
| INTENSITY METER: | 1608000134 | CAL DUE DATE | 12-Aug-24 | Fluorescent Magnetic Ink 14HF | MANUFACTURE | BATCH NO | EXPIRE DATE |
| UV BLACK LIGHT INTENSITY: | 3010 μw/cm ² | Concentration of 14HF: | 0.1 to 0.4 ml/100 ml | | Magnaflux | 220306 | March.2025 |
| WHITE LIGHT INTENSITY: | 3620 Lux | Concentration of 7HF: | 1.2 to 21.4 ml/100 ml | | | | |
| PERSON DETAILS | | | | REVIEW BY | | | |
| INSPECTOR NAME: | M.SHAHZAD AHMED | SENIOR INSPECTOR: | NAVEED HUSSAIN | CLIENT: | | | |
| QUALIFICATION: | ASNT CP-105 (MT) CP-106 (PT) | INSPECTION SUPERVISOR: | HANI ALI | HB&SIGN | | | |
| SIGNATURE & STAMP: | | | | DATE: | | | |

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