

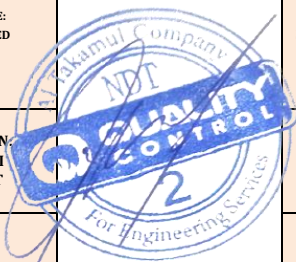


| CERTIFICATION OF VISUAL, THOROUGH EXAMINATION & MAGNETIC PARTICLE & DYE PENETRANT INSPECTION | | | | | | | | | | | |
|--|--|---|--|-------------------------------------|-----------------------|--|---|---------------|--------|--|--|
| Client: | | HALLIBURTON | | | Report No: | | QC-24-10-HPS-NDT-024 | | | | |
| Location: | | HPS (Burjessia Halliburton Camp) | | | WORK ORDER NO: | | 6102024 | | | | |
| Inspection Date: | | Tuesday, October 8, 2024 | | | Next Inspection Date: | | Monday, April 7, 2025 | | | | |
| Type Of Inspection: | | VISUAL , THOROUGH EXAMINATION & MAGNETIC PARTICLE & DYE PENETRANT INSPECTION | | | Specification: | | ASTM E165/E165M ,ASTM E1417/E1417M ,EN ISO 3452-1,EN ISO 3452-2 ASTM E709 & ASTM E 1444 (2016) ASME V Article 7 (2019) & API 6A, 16A | | | | |
|  | | | | UNIT DESCRIPTION: | | FLANGE CROSS OVER 4-1/16" 15K BX-155 FLG 8.250"-4X2 ACME BOWN BOX WP 10K (Seal Dia-6.00") With Modified Collar. | | | | | |
| | | | | EQUIPMENT S/N: | | E23-30893-01-02 / SAP NO:14051055 | | | | | |
| | | | | INSPECTION RESULT : | | | | | | | |
| | | | | VISUAL , THOROUGH EXAMINATION | | Above Item fully inspected and found freedom from deforms, cracks, corrosion & mechanical damage | | | | | |
| | | | | MAGNETIC PARTICLE INSPECTION (MPI) | | Thread & Available critical areas inspected and found free from cracks and other defects' | | | | | |
| DYE PENETRANT INSPECTION (DPI) | | Groove areas inspected and found free from cracks and other defects' | | | | | | | | | |
| FINAL RESULTS | | Above Item found satisfactory and free of defects at the time of inspection | | | | | | | | | |
| TECHNICAL DETAILS DPI | | | | | | | | | | | |
| TECHNIQUE 2 - TYPE II VISIBLE, METHOD 'A' WATER -WASHABLE | | | | | | | | | | | |
| PENETRANT DWELL TIME: | | 30 minutes | | DEVELOPER DWELL TIME: | | 15 minutes | | | | | |
| TEST PART TEMPERATURE : | | 102 °F | | WHITE LIGHT INTENSITY: | | 3570 LUX | | | | | |
| COMMENT: | | | | | |  | | | | | |
| (MPI Wet Fluorescent inspection Thread With UltraViolet Light) Magnetic Particle Inspection With A/C Hand Yoke , Black & White Contrast Dye Penetrant Inspection Groove Area | | | | | | | | | | | |
| EQUIPMENT DETAILS | | | | | PERSON DETAILS | | | REVIEW BY | | | |
| EQUIPMENT : | | AC/DC HAND Yoke | | EQUIPMENT : | | Shooting Coil DC | | EQUIPMENT : | | UV BLACK LIGHT: 3140 µw/cm ² | |
| S.NO: | | 201504052 | | S.NO: | | 22650 | | S.NO: | | 1898977 | |
| Cal Due Date: | | 14.OCT.2024 | | Cal Due Date: | | 15.OCT.2024 | | Cal Due Date: | | 14.OCT.2024 | |
| EQUIPMENT : | | COMPARATOR BLOCK | | EQUIPMENT : | | Pressure Gauge 30 PSI | | EQUIPMENT : | | INFRARED THERMOMETER | |
| S.NO: | | 11223 | | S.NO: | | SSR825 | | S.NO: | | 201704125 | |
| Cal Due Date: | | 16.OCT.2024 | | Cal Due Date: | | 16.OCT.2024 | | Cal Due Date: | | 16.OCT.2024 | |
| Red Penetrant Manufacture: | | Magnaflux | | Batch No: | | 220511 | | EXPIRE DATE: | | May,2025 | |
| Developer Manufacture: | | Magnaflux | | Batch No: | | 220302 | | EXPIRE DATE: | | March,2025 | |
| FLUORESCENT 14HF | | Magnaflux | | Batch No: | | 220306 | | EXPIRE DATE: | | MARCH,2025 | |
| Whie Contrast Paint Manufacture: | | Magnaflux | | Batch No: | | 220602 | | EXPIRE DATE: | | JUN,2025 | |
| Digital Lux Meter WHITE LIGHT INTENSITY: | | TECHNICAL DETAILS | | | | | Black Magnetic Ink Manufacture:7HF | | | | |
| S.NO:2722003 | | Wet FLUORESCENT Particle Concentration 14 HF | | | 0.1 to 0.4 ml/100 ml | | Batch No:220605 | | | | |
| Cal Due Date:16.OCT.2024 | | Black Magnetic Ink Concentration 7 HF | | | 1.2 to 2.4 ml/100 ml | | EXPIRE DATE: | | Jul-25 | | |
| INSPECTOR NAME: | | M.SHAHZAD AHMED | | SENIOR INSPECTOR: | | NAVEED HUSSAIN | | | | | |
| QUALIFICATION: | | ASNT LEVEL II MT & PT & VT | | SUPERVISOR: | | HANI ALI | | | | | |
| STAMP & SIGNATURE: | |  | | CLIENT: | | | | | | | |

Original - Client Files Copy - Area Office QC/FN/MPI/065 Rev.00 DATED 07 NOV 2021 & QC/FN/DPI/NDT/022 Rev.00 Dated: 07 Nov 2021