






**AI TAKAMUL COMPANY FOR ENGINEERING TESTS
AND PROFESSIONAL SAFETY LIMITED**
Basra, North Rumaila, Quality Control Yard - Iraq



| CERTIFICATION OF VISUAL, THOROUGH EXAMINATION & MAGNETIC PARTICLE INSPECTION | | | | | | | | | | | |
|--|--------------------|--|-------------------|--------------------------------------|-----------------------|---|---|--|----------------|--|--|
| Client: | | HALLIBURTON | | | Report No: | | QC-24-10-HPS-NDT-014 | | | | |
| Location: | | HPS (Burjesia Halliburton Camp) | | | WORK ORDER NO: | | 06102024 | | | | |
| Inspection Date: | | Sunday, October 6, 2024 | | | Next Inspection Date: | | Saturday, April 5, 2025 | | | | |
| Type Of Inspection: | | VISUAL , THOROUGH EXAMINATION & MAGNETIC PARTICLE INSPECTION | | | Specification: | | ASTM E709 & ASTM E 1444 (2016) ASME V Article 7 (2019) & API 6A | | | | |
|    | | | | UNIT DESCRIPTION: | | RISER: 3 1/16" 10K BX154 (LENGTH 4 FEET) | | | | | |
| | | | | UNIT S/N: | | R09541 / SAP NO:11397835 | | | | | |
| | | | | INSPECTION RESULT : | | | | | | | |
| | | | | VISUAL , THOROUGH EXAMINATION | | VISUAL & MAGNETIC PARTICLE INSPECTION (M.P.I.) HAD BEEN DONE ON THE AVAILABLE AREAS FOR THE ABOVE DESCRIPTION | | | | | |
| | | | | MAGNETIC PARTICLE INSPECTION | | Available critical areas inspected and found free from cracks and other defects | | | | | |
| FINAL RESULTS | | THE ABOVE INSPECTED AREAS WAS ACCEPTED | | | | | | | | | |
| COMMENT: | | | | | | | |  | | | |
| Magnetic Particle Inspection With A/C Hand Yoke , Black & White Contrast | | | | | | | | | | | |
| EQUIPMENT DETAILS | | | | | PERSON DETAILS | | | REVIEW BY | | | |
| Equipment: | AC-Yoke Test Block | Equipment: | Digital Lux Meter | Equipment: | AC/DC Yoke | INSPECTOR NAME: |  | SENIOR INSPECTOR: | NAVEED HUSSAIN | | |
| S.No: | 1657 | S.No: | 2722003 | S.No: | 201504052 | QUALIFICATION: | | SUPERVISOR: | HANI ALI | | |
| Cal Due Date: | 14-Oct-24 | Cal Due Date: | 16-Oct-24 | Cal Due Date: | 14-Oct-24 | ASNT LEVEL II MT & PT & VT | | CLIENT: | | | |
| Black Magnetic Ink Manufacture: | Magnaflux | Batch No: | 220605 | Expiry Date: | JULY.2025 | STAMP & SIGNATURE: | | | | | |
| Whie Contrast Paint Manufacture: | Magnaflux | Batch No: | 220602 | Expiry Date: | JUN,2025 | | | | | | |
| Technical Details: | | Magnetic Partical Concentration | | Method | | WMPT Light Intensity | | | | | |
| | | 1.2 to 2.4 ml/100 ml | | Wet Magnetic Particle Testing (WMPT) | | 3630 Lux | | | | | |

Original - Client Files Copy - Area Office QC/FN/MPI/065 Rev.00 DATED 07 NOV 2021