

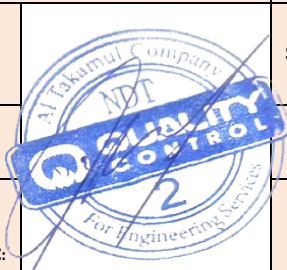


**AI TAKAMUL COMPANY FOR ENGINEERING TESTS
AND PROFESSIONAL SAFETY LIMITED**
Basra, North Rumaila, Quality Control Yard - Iraq



CERTIFICATION OF VISUAL, THOROUGH EXAMINATION & MAGNETIC PARTICLE INSPECTION

| | | | |
|-----------------------------------------------------------------------------------|--------------------------------------------------------------|-------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|
| Client: | HALLIBURTON (TSS) | Report No: | QC-24-11-TSS-NDT-082 |
| Location: | TSS YARD | JOB NO: | 021124 |
| Inspection Date: | Saturday, November 2, 2024 | Next Inspection Date: | Thursday, May 1, 2025 |
| Type Of Inspection: | VISUAL , THOROUGH EXAMINATION & MAGNETIC PARTICLE INSPECTION | Specification: | ASTM E709 & ASTM E 1444 (2016) ASME V Article 7 (2019) |
|  | UNIT DESCRIPTION: | OIL SUCTION HOSE 4" (4" 206 WING X THREAD) | |
| | PRESSURE RANGE | 20BAR TO 40BAR '300 PSI TO 600 PSI 20° ~ +120° GERMAN STYLE | |
| | UNIT S/N: | 2209 | |
| | INSPECTION RESULT : | | |
| | VISUAL , THOROUGH EXAMINATION | Visual fully inspected and found free from deforms, cracks, corrosion & mechanical damage | |
| | MAGNETIC PARTICLE INSPECTION | Thread areas inspected and found free from cracks and other defects | |
| | FINAL RESULTS | THE ABOVE INSPECTED AREAS WAS ACCEPTED | |
| COMMENT: (MPI Wet Fluorescent inspection Thread With UltraViolet Light) | | |  |

| EQUIPMENT DETAILS | | | | | | PERSON DETAILS | | REVIEW BY | |
|---------------------------------------------|----------------------------------------------|----------------------|----------------------|----------------------|--------------------------------------------|---------------------------------------------------------------------------------------|--------------------------------------------------------|--------------------------|----------------|
| EQUIPMENT : | AC/DC HAND Yoke | EQUIPMENT : | Shooting Coil DC | EQUIPMENT : | UV BLACK LIGHT: 3130 µw/cm ² | INSPECTOR NAME: | M.SHAHZAD AHMED | SENIOR INSPECTOR: | NAVEED HUSSAIN |
| S.NO: | 201504052 | S.NO: | 22650 | S.NO: | 1898977 |  | QUALIFICATION: ASNT LEVEL II MT & PT & VT | SUPERVISOR: | HANI ALI |
| Cal Due Date: | 11.APRIL.2025 | Cal Due Date: | 12.APRIL.2025 | Cal Due Date: | 11.APRIL.2025 | | | CLIENT: | |
| FLUORESCENT 14HF | | Magnaflux | Batch No: | 220306 | EXPIRE DATE: | | | MARCH,2025 | |
| Whie Contrast Paint Manufacture: | | Magnaflux | Batch No: | 220602 | EXPIRE DATE: | JUN,2025 | | | |
| TECHNICAL DETAILS | | | | | | STAMP & SIGNATURE: | | | |
| Digital Lux Meter WHITE LIGHT INTENSITY: | Wet FLUORESCENT Particle Concentration 14 HF | | 0.1 to 0.4 ml/100 ml | | Black Magnetic Ink Manufacture:7HF | | | | |
| 3590 Lux/S.NO:2722003 | Black Magnetic Ink Concentration 7 HF | | 1.2 to 2.4 ml/100 ml | | Batch No:220605 | | | | |
| Cal Due Date:13.APRIL.2025 | | | | | EXPIRE DATE: | Jul-25 | | | |

Original - Client Files

Copy - Area Office

QC/FN/MPI/065 Rev.00 DATED 07 NOV 2021



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