

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 (HPS) | Report No: | QC/24/HALL-HPS-APR-020 |
| Location: | HPS YARD | Job Number: | QC-24/HALL-HPS-007 |
| Inspection Date: | Monday, April 22, 2024 | Next Inspection Date: | Monday, October 21, 2024 |
| 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: | FLANGE 2-9/16" 5K R27 X 3" FIG 1502 TH |
| | UNIT S/N: | B2792291-4 |
| | 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 | Thread & Available critical 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 Magnetic Particle Inspection With A/C Hand Yoke , Black & White Contrast | |



| EQUIPMENT DETAILS | | | | | | PERSON DETAILS | | REVIEW BY | |
|---|--|----------------------|----------------------|----------------------|-----------------------------|--|-----------------|--------------------------|----------------|
| EQUIPMENT : | AC/DC HAND Yoke | EQUIPMENT : | Shooting Coil DC | EQUIPMENT : | UV BLACK LIGHT: 3041 μw/cm² | 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: | 12.AUG.2024 | Cal Due Date: | 12.AUG.2024 | Cal Due Date: | 12.AUG.2024 | | | CLIENT: | |
| FLUORESCENT 14HF | Magnaflux | Batch No: | 220306 | EXPIRE DATE: | MARCH,2025 | | | | |
| White Contrast Paint Manufacture: | Magnaflux | Batch No: | 220602 | EXPIRE DATE: | JUN,2025 | | | | |
| TECHNICAL DETAILS | | | | | | STAMP & SIGNATURE: | | | |
| Digital Lux Meter WHITE LIGHT INTENSITY: | | | | | | Black Magnetic Ink Manufacture:7HF | | | |
| 3570 Lux/S.NO:2722003 | Wet FLUORESCENT Particle Concentration 14 HF | | 0.1 to 0.4 ml/100 ml | | Batch No:220605 | | | | |
| Cal Due Date:14.AUG.2024 | Black Magnetic Ink Concentration 7 HF | | 1.2 to 2.4 ml/100 ml | | EXPIRE DATE: Jul-25 | | | | |

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



Address: Noth Rumaila, Al Takamul Yard
Contact: +9647810009138

Tel: +9647810009138 / +9647834964657

Email: OP@qualitycontrol-iraq.com / hany.akafi@qualitycontrol-iraq.com