

**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

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|----------------------------|---|------------------------------|----------------------------------|
| Client: | HALLIBURTON (TCP) | Report No: | QC-24-08-HAL-TCP-NDT-090 |
| Location: | HALLIBURTON TCP YARD | Job Number: | QC-24-08-HAL-TCP-002 |
| Date: | Thursday, August 15, 2024 | Next Inspection Date: | Friday, February 14, 2025 |
| Type Of Inspection: | VISUAL , THOROUGH EXAMINATION & MAGNETIC PARTICLE INSPECTION | Specification: | API RP 7G-2 |



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| UNIT DESCRIPTION: | 4 1/2"ACME PIN&BOX |
| UNIT S/N: | J08 |
| 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 | unit found satisfactory and free of defects at the time of inspection |
| COMMENT: MPI Wet Fluorescent Inspection Thread & Body With UltraViolet Light Magnetic Particle Inspection With A/C Hand Yoke , Black & White Contrast | |



| EQUIPMENT DETAILS | | | | | | PERSON DETAILS | | REVIEW BY | |
|--|---|----------------------|-------------------------|------------------------|---|------------------------|--------------------|--------------------------|-----------------------|
| EQUIPMENT : | AC/DC YOKE | EQUIPMENT : | Shooting Coil DC | EQUIPMENT : | UV Black Light | INSPECTOR NAME: | RAO SOHAIL | SENIOR INSPECTOR: | NAVEED HUSSAIN |
| S.NO: | 201504048 | S.NO: | 22650 | S.NO: | 1932401 | | SUPERVISOR: | HANI ALI | |
| Cal Due Date: | 14.OCT.2024 | Cal Due Date: | 15.OCT.2024 | Cal Due Date: | 14.OCT.2024 | | CLIENT: | | |
| FLUORESCENT 14HF | Magnaflux | Batch No: | 220306 | EXPIRE DATE: | MARCH,2025 | | | | |
| White Contrast Paint Manufacture: | Magnaflux | Batch No: | 220602 | EXPIRE DATE: | JUN,2025 | | | | |
| UV LIGHT INTENSITY:(3150 μw/cm²) | TECHNICAL DETAILS | | | | Black Magnetic Ink Manufacture:7HF | | | | |
| UV AB Light Meter:1608000134) | 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 | | | | |

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



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