

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 (TCP)  | Report No:            | QC-24-08-HAL-TCP-NDT-029    |             |
| Location:           | HALLIBURTON TCP YARD   | Job Number:           | QC-24-08-HAL-TCP-002        |             |
| Date:               | Wednesday, August 14, 2024                                   | Next Inspection Date: | Thursday, February 13, 2025 |             |
| Type Of Inspection: | VISUAL , THOROUGH EXAMINATION & MAGNETIC PARTICLE INSPECTION |                       | Specification:              | API RP 7G-2 |



|   |   |
|---|---|
| UNIT DESCRIPTION:   | 7" ACME JRC GROOVED TANDEM PINxPIN  |
| UNIT S/N:   | 93  |
| 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 & Body 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:<br>MPI Wet Fluorescent Inspection Thread & Body With UltraViolet Light<br>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:<br>RAO SOHAIL |  | SENIOR INSPECTOR:                               | NAVEED HUSSAIN |          |
| S.NO:                             | 201504048                                    | S.NO:                | 22650            | S.NO:           | 1932401                            |                               |  | QUALIFICATION:<br>ASNT LEVEL II<br>MT & PT & VT | SUPERVISOR:    | HANI ALI |
| Cal Due Date:                     | 14.OCT.2024                                  | Cal Due Date:        | 15.OCT.2024      | Cal Due Date:   | 14.OCT.2024                        |                               |  | STAMP &<br>SIGNATURE:                           | 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:(2910 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