

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-091  |
| 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               |



|   |   |
|---|---|
| UNIT DESCRIPTION:   | 4 1/2"ACME PIN&BOX  |
| UNIT S/N:   | J30   |
| 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:<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     | <div style="display: flex; justify-content: space-between;"> <div> <p>UV LIGHT INTENSITY:(3150 μw/cm<sup>2</sup>)</p> <p>UV AB Light Meter:1608000134</p> <p>Cal Due Date:16.OCT.2024</p> </div> <div> <p><b>TECHNICAL DETAILS</b></p> <p>Wet FLUORESCENT Particle Concentration 14 HF</p> <p>Black Magnetic Ink Concentration 7 HF</p> </div> <div> <p>Black Magnetic Ink Manufacture:7HF</p> <p>Batch No:220605</p> <p>EXPIRE DATE:</p> <p>Jul-25</p> </div> </div> |  |   |                |          |
| White Contrast Paint Manufacture: | Magnaflux   | Batch No:            | 220602           | EXPIRE DATE:  | JUN,2025       |   |  |   |                |          |
| 0.1 to 0.4 ml/100 ml              |             | 1.2 to 2.4 ml/100 ml |                  |               |                |   |  |   |                |          |

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



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