

**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**

|                            |  |                              |                             |             |
|----------------------------|--|------------------------------|-----------------------------|-------------|
| <b>Client:</b>             | HALLIBURTON (TCP)  | <b>Report No:</b>            | QC-24-08-HAL-TCP-NDT-014    |             |
| <b>Location:</b>           | HALLIBURTON TCP YARD   | <b>Job Number:</b>           | QC-24-08-HAL-TCP-002        |             |
| <b>Date:</b>               | Wednesday, August 14, 2024                                   | <b>Next Inspection Date:</b> | Thursday, February 13, 2025 |             |
| <b>Type Of Inspection:</b> | VISUAL , THOROUGH EXAMINATION & MAGNETIC PARTICLE INSPECTION |                              | <b>Specification:</b>       | API RP 7G-2 |



|  |   |
|--|---|
| <b>UNIT DESCRIPTION:</b>   | 7" ACME JRC VENTED PIN&BOX  |
| <b>UNIT S/N:</b>   | VBP-01  |
| <b>INSPECTION RESULT :</b>   |   |
| <b>VISUAL , THOROUGH EXAMINATION</b>   | VISUAL & MAGNETIC PARTICLE INSPECTION ( M.P.I. ) HAD BEEN DONE ON THE AVAILABLE AREAS FOR THE ABOVE DESCRIPTION |
| <b>MAGNETIC PARTICLE INSPECTION</b>  | Thread & Body areas inspected and found free from cracks and other defects                                      |
| <b>FINAL RESULTS</b>   | unit found satisfactory and free of defects at the time of inspection   |
| <b>COMMENT:</b><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                |                |
|--|---|----------------------|------------------|------------------------|---|--|------------|--------------------------|----------------|
| <b>EQUIPMENT :</b>                       | AC/DC YOKE  | <b>EQUIPMENT :</b>   | Shooting Coil DC | <b>EQUIPMENT :</b>     | UV Black Light                            | <b>INSPECTOR NAME:</b>                                 | RAO SOHAIL | <b>SENIOR INSPECTOR:</b> | NAVEED HUSSAIN |
| <b>S.NO:</b>                             | 201504048   | <b>S.NO:</b>         | 22650            | <b>S.NO:</b>           | 1932401                                   | <b>QUALIFICATION:</b><br>ASNT LEVEL II<br>MT & PT & VT |            | <b>SUPERVISOR:</b>       | HANI ALI       |
| <b>Cal Due Date:</b>                     | 14.OCT.2024   | <b>Cal Due Date:</b> | 15.OCT.2024      | <b>Cal Due Date:</b>   | 14.OCT.2024                               |  |            | <b>CLIENT:</b>           |                |
| <b>FLUORESCENT 14HF</b>                  | Magnaflux   | <b>Batch No:</b>     | 220306           | <b>EXPIRE DATE:</b>    | MARCH,2025                                |  |            |                          |                |
| <b>White Contrast Paint Manufacture:</b> | Magnaflux   | <b>Batch No:</b>     | 220602           | <b>EXPIRE DATE:</b>    | JUN,2025                                  | <b>STAMP &amp; SIGNATURE:</b>                          |            |                          |                |
| <b>UV LIGHT INTENSITY:(2910 µw/cm²)</b>  | <b>TECHNICAL DETAILS</b>                            |                      |                  |                        | <b>Black Magnetic Ink Manufacture:7HF</b> |  |            |                          |                |
| <b>UV AB Light Meter:1608000134)</b>     | <b>Wet FLUORESCENT Particle Concentration 14 HF</b> | 0.1 to 0.4 ml/100 ml |                  | <b>Batch No:220605</b> |   |  |            |                          |                |
| <b>Cal Due Date:16.OCT.2024</b>          | <b>Black Magnetic Ink Concentration 7 HF</b>        | 1.2 to 2.4 ml/100 ml |                  | <b>EXPIRE DATE:</b>    | Jul-25                                    |  |            |                          |                |

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



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