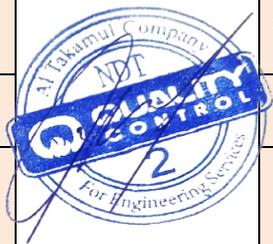


**AI TAKAMUL COMPANY FOR ENGINEERING TESTS  
AND PROFESSIONAL SAFETY LIMITED**  
Basra, North Rumaila, Quality Control Yard - Iraq



**CERTIFICATION OF VISUAL, THOROUGH EXAMINATION & MAGNETIC PARTICLE INSPECTION**

|   |  |  |  |
|---|--|--|--|
| <b>Client:</b>  | HALLIBURTON (HPS)  | <b>Report No:</b>  | QC-25-08-HPS-NDT-002   |
| <b>Location:</b>  | HPS YARD   | <b>JOB NO:</b>   | 08082025   |
| <b>Inspection Date:</b>   | Friday, August 8, 2025                                       | <b>Next Inspection Date:</b>   | Saturday, February 7, 2026   |
| <b>Type Of Inspection:</b>  | VISUAL , THOROUGH EXAMINATION & MAGNETIC PARTICLE INSPECTION | <b>Specification:</b>  | ASTM E709-21 & API SPEC 6A:2024  |
|    | <b>UNIT DESCRIPTION:</b>                                     | FLANGE 2 1/16" 10K X 2" 1502 THREAD  |  |
|   | <b>UNIT S/N:</b>   | HAH 19990-1-5  |  |
|   | <b>INSPECTION RESULT :</b>                                   |  |  |
|   | <b>VISUAL , THOROUGH EXAMINATION</b>                         | unit fully inspected and found free from deforms, cracks, corrosion & mechanical damage  |  |
|   | <b>MAGNETIC PARTICLE INSPECTION</b>                          | Thread & Available critical areas inspected and found free from cracks and other defects |  |
|   | <b>FINAL RESULTS</b>   | THE ABOVE INSPECTED AREAS WAS ACCEPTED   |  |
| <b>COMMENT:</b><br>(MPI Wet Fluorescent inspection Thread 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 HAND Yoke                              | <b>EQUIPMENT :</b>   | Shooting Coil DC | <b>EQUIPMENT :</b>      | UV BLACK LIGHT:<br>3080 μw/cm <sup>2</sup> | <b>INSPECTOR NAME:</b>  | M.SHAHZAD AHMED  | <b>SENIOR INSPECTOR:</b> | NAVEED HUSSAIN |
| <b>S.NO:</b>                                | 201504052                                    | <b>S.NO:</b>         | 22650            | <b>S.NO:</b>            | 87521                                      |  | <b>QUALIFICATION:</b><br>ASNT LEVEL II<br>MT & PT & VT | <b>SUPERVISOR:</b>       | HANI ALI       |
| <b>Cal Due Date:</b>                        | 07.OCT.2025                                  | <b>Cal Due Date:</b> | 08.OCT.2025      | <b>Cal Due Date:</b>    | 09.OCT.2025                                |   |  | <b>CLIENT:</b>           |                |
| <b>FLUORESCENT 14HF</b>                     | Magnaflux                                    | <b>Batch No:</b>     | 230503           | <b>EXPIRE DATE:</b>     | MAY.2026                                   |   |  |                          |                |
| <b>White Contrast Paint Manufacture:</b>    | Magnaflux                                    | <b>Batch No:</b>     | 230408           | <b>EXPIRE DATE:</b>     | APRIL.2026                                 |   |  |                          |                |
| <b>TECHNICAL DETAILS</b>                    |  |                      |                  |                         | <b>Black Magnetic Ink Manufacture:</b> 7HF |   |  |                          |                |
| Digital Lux Meter<br>WHITE LIGHT INTENSITY: |  |                      |                  | <b>Batch No:</b> 230604 |  |   |  |                          |                |
| 3570 Lux/S.NO:2722003                       | Wet FLUORESCENT Particle Concentration 14 HF | 0.1 to 0.4 ml/100 ml |                  |                         |  |   |  |                          |                |
| <b>Cal Due Date:</b> 09.OCT.2025            | Black Magnetic Ink Concentration 7 HF        | 1.2 to 2.4 ml/100 ml |                  | <b>EXPIRE DATE:</b>     | JUNE.2026                                  |   |  |                          |                |

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