

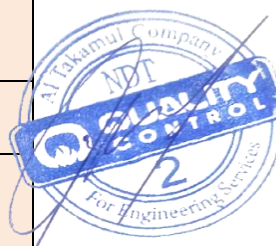


**AI TAKAMUL COMPANY FOR ENGINEERING TESTS  
AND PROFESSIONAL SAFETY LIMITED**  
Basra, North Rumaila, Quality Control Yard - Iraq



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

|  |  |   |   |  |
|--|--|---|---|--|
| <b>Client:</b>   | HALLIBURTON (HPS)  | <b>Report No:</b>   | QC-25-01-HPS-NDT-079  |  |
| <b>Location:</b>   | HPS YARD   | <b>JOB NO:</b>  | 01022025  |  |
| <b>Inspection Date:</b>  | Saturday, February 1, 2025                                   | <b>Next Inspection Date:</b>  | Thursday, July 31, 2025   |  |
| <b>Type Of Inspection:</b>   | VISUAL , THOROUGH EXAMINATION & MAGNETIC PARTICLE INSPECTION | <b>Specification:</b>   | ASTM E709 & ASTM E 1444 (2016) ASME V Article 7 (2019)                              |  |
|         | <b>UNIT DESCRIPTION:</b>                                     | 1.75" MHA (1 1/4" AMMT CONNECTION PIN X BOX)  |   |  |
|  | <b>UNIT S/N:</b>   | 261124  |   |  |
|  | <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>   | THE ABOVE INSPECTED AREAS WAS ACCEPTED  |   |  |
| <b>COMMENT:</b><br>(MPI Wet Fluorescent inspection Thread & Body With UltraViolet Light) |  |   |  |  |

| 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>3140 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>         | 1898977                                    |  | <b>STAMP &amp; SIGNATURE:</b> | <b>SUPERVISOR:</b>       | HANI ALI       |
| <b>Cal Due Date:</b>                            | 11.APRIL.2025         | <b>Cal Due Date:</b> | 12.APRIL.2025                                       | <b>Cal Due Date:</b> | 11.APRIL.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   |                               |                          |                |
| <b>Digital Lux Meter WHITE LIGHT INTENSITY:</b> | 3620 Lux/S.NO:2722003 |                      | <b>Wet FLUORESCENT Particle Concentration 14 HF</b> | 0.1 to 0.4 ml/100 ml |  | <b>Batch No:</b> 230604   |                               |                          |                |
| <b>Cal Due Date:</b> 13.APRIL.2025              |                       |                      | <b>Black Magnetic Ink Concentration 7 HF</b>        | 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