

# 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 (TSS)  |                  |   | <b>Report No:</b>                          |  | QC-24-02-TSS-MS-115  |                          |   |  |  |  |
| <b>Location:</b>  |  | Burjesia Halliburton Camp Basra - Iraq (TSS)                 |                  |   | <b>STANDARD</b>                            |  | DS-1 VOLUME-4 FIFTH EDITION,                               |                          |   |  |  |  |
| <b>Inspection Date:</b>   |  | Friday, February 9, 2024                                     |                  |   | <b>Next Inspection Date:</b>               |  | Thursday, August 8, 2024                                   |                          |   |  |  |  |
| <b>Type Of Inspection:</b>  |  | VISUAL , THOROUGH EXAMINATION & MAGNETIC PARTICLE INSPECTION |                  |   | <b>HAL DOC</b>                             |  | (MPI HALL DOC.D00976850 REV:D)<br>(VISUAL D00305796 REV:U) |                          |   |  |  |  |
|   |  |  |                  | <b>Sr. No</b>                             | <b>Item Description</b>                    | <b>Sap No.</b>   | <b>DESCRIPTION:</b>  |                          | 5" ROUND MANDREL SLIP JOINT   |  |  |  |
|   |  |  |                  | 01  | MANDREL SEALING UPPER                      | 100065396  | <b>S/N:</b>  |                          | 11496869  |  |  |  |
|   |  |  |                  | 02  | COUPLER                                    | 101371342  | <b>INSPECTION RESULT :</b>                                 |                          |   |  |  |  |
|   |  |  |                  | 03  | ADAPTER SEALING UPPER                      | 100065397  |  |                          |   |  |  |  |
|   |  |  |                  | 04  | CASE SLOTTED                               | 100065394  | <b>INSPECTION RESULT :</b>                                 |                          | VISUAL & MAGNETIC PARTICLE INSPECTION ( M.P.I. ) HAD BEEN DONE ON THE AVAILABLE AREAS FOR THE ABOVE DESCRIPTION |  |  |  |
|   |  |  |                  | 05  | MANDREL LIFTING SEALING                    | 100065400  | <b>INSPECTION RESULT :</b>                                 |                          | Thread & Available critical areas inspected and found free from cracks and other defects                        |  |  |  |
|   |  |  |                  | 06  | CASE SEALING                               | 100065398  | <b>INSPECTION RESULT :</b>                                 |                          | THE ABOVE INSPECTED AREAS WAS ACCEPTED  |  |  |  |
|   |  |  |                  | 07  | NIPPLE                                     | 100065401  | <b>INSPECTION RESULT :</b>                                 |                          |   |  |  |  |
|   |  |  |                  | 08  | COUPLING                                   | 100065402  | <b>INSPECTION RESULT :</b>                                 |                          |   |  |  |  |
|   |  |  |                  | 09  | ADAPTER BOTTOM                             | 100065403  | <b>INSPECTION RESULT :</b>                                 |                          |   |  |  |  |
| <b>FINAL RESULTS</b>  |  |  |                  |   |  |  |  |                          |   |  |  |  |
| <b>COMMENT:</b>   |  |  |                  |   |  |  |  |                          |   |  |  |  |
| (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<br>PERMANENT HAND<br>MAGNETIC     | <b>EQUIPMENT :</b>   | Shooting Coil DC | <b>EQUIPMENT :</b>                        | UV BLACK LIGHT:<br>3210 µw/cm <sup>2</sup> | <b>INSPECTOR NAME:</b><br>M.Shahzad Ahmed              |  | <b>SENIOR INSPECTOR:</b> | NAVEED HUSSAIN  |  |  |  |
| <b>S.NO:</b>  | 201504048<br>USA PYO-019CM (PY-02)           | <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.FEB.2024                                  | <b>Cal Due Date:</b>   | 14.FEB.2024      | <b>Cal Due Date:</b>                      | 14.FEB.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>Digital Lux Meter</b>  | <b>TECHNICAL DETAILS</b>                     |  |                  | <b>Black Magnetic Ink Manufacture:7HF</b> |  |  |  |                          |   |  |  |  |
| <b>WHITE LIGHT INTENSITY:</b>   | Wet FLUORESCENT Particle Concentration 14 HF |  |                  | Batch No:220605                           |  | <b>STAMP &amp; SIGNATURE:</b>                          |  |                          |   |  |  |  |
| <b>3480 Lux/S.NO:2722003</b>  | 0.1 to 0.4 ml/100 ml                         |  |                  |   |  |  |  |                          |   |  |  |  |
| <b>16.FEB.2024</b>  | Black Magnetic Ink Concentration 7 HF        |  |                  | EXPIRE DATE: Jul-25                       |  |  |  |                          |   |  |  |  |
| Original - Client Files   |  | Copy - Area Office   |                  | QC/FN/MPI/065 Rev.00 DATED 07 NOV 2021    |  |  |  |                          |   |  |  |  |



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