
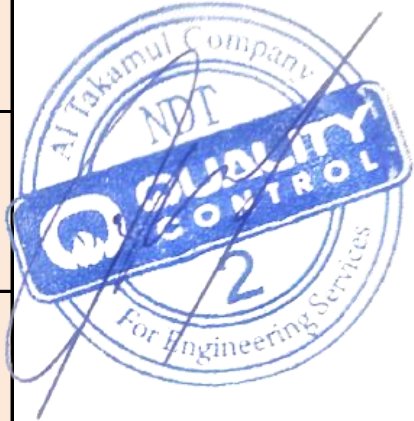


AI TAKAMUL COMPANY FOR ENGINEERING TESTS  
AND PROFESSIONAL SAFETY LIMITED  
Basra, North Rumaila, Quality Control Yard - Iraq



| CERTIFICATION OF VISUAL, THOROUGH EXAMINATION & MAGNETIC PARTICLE INSPECTION   |                                 |  |                                      |               |                      |                                  |   |   |                |  |  |
|--|---------------------------------|--|--------------------------------------|---------------|----------------------|----------------------------------|---|---|----------------|--|--|
| Client:  |                                 | HALLIBURTON (TSS)  |                                      |               |                      | Report No:                       |   | QC/24/HALL-TSS-MAY-024  |                |  |  |
| Location:  |                                 | TSS YARD   |                                      |               |                      | Job Number:                      |   | QC-24/HALL-TSS-001  |                |  |  |
| Date:  |                                 | Thursday, May 2, 2024  |                                      |               |                      | Next Inspection Date:            |   | Friday, November 1, 2024  |                |  |  |
| Type Of Inspection:  |                                 | VISUAL , THOROUGH EXAMINATION & MAGNETIC PARTICLE INSPECTION |                                      |               |                      | Specification:                   |   | ASTM E709 & ASTM E 1444 (2016) ASME V Article 7 (2019)  |                |  |  |
|    |                                 |  |                                      |               |                      | UNIT DESCRIPTION:                |   | TEST PLUG: 1 1/2 NPTY X 3" 206 THREAD   |                |  |  |
|  |                                 |  |                                      |               |                      | UNIT S/N:                        |   | 25661-C2  |                |  |  |
|  |                                 |  |                                      |               |                      | 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                    |   | THE ABOVE INSPECTED AREAS WAS ACCEPTED  |                |  |  |
|  |                                 |  |                                      |               |                      | COMMENTS:                        |   |   |                |  |  |
| (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      |  |  |
| Equipment:   | AC-Yoke Test Block              | Equipment:   | Digital Lux Meter                    | Equipment:    | AC/DC Yoke           | INSPECTOR NAME:<br>Usman Shabbir |  | SENIOR INSPECTOR:   | NAVEED HUSSAIN |  |  |
| S.No:  | 1657                            | S.No:  | 2722003                              | S.No:         | 201504052            |                                  |   | SUPERVISOR:   | HANI ALI       |  |  |
| Cal Due Date:  | 12-Aug-24                       | Cal Due Date:  | 14-Aug-24                            | Cal Due Date: | 12-Aug-24            |                                  |   | CLIENT:   |                |  |  |
| Black Magnetic Ink Manufacture:  |                                 | Magnaflux  |                                      | Batch No:     | 220605               | Expiry Date:                     | JULY.2025   |   |                |  |  |
| White Contrast Paint Manufacture:  |                                 | Magnaflux  |                                      | Batch No:     | 220602               | Expiry Date:                     | JUN,2025  |   |                |  |  |
| Technical Details:   | Magnetic Partical Concentration |  | Method                               |               | WMPT Light Intensity |                                  | STAMP & SIGNATURE:  |   |                |  |  |
|  | 1.2 to 2.4 ml/100 ml            |  | Wet Magnetic Particle Testing (WMPT) |               | 3630 Lux             |                                  |   |   |                |  |  |
| Original - Client Files      Copy - Area Office      QC/FN/MPI/065    Rev.00    DATED 07 Nov 2021  |                                 |  |                                      |               |                      |                                  |   |   |                |  |  |