

**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>             | <b>HALLIBURTON (TCP)</b>  | <b>Report No:</b>            | <b>QC-24-08-HAL-TCP-NDT-117</b>  |
| <b>Location:</b>           | <b>HALLIBURTON TCP YARD</b>   | <b>Job Number:</b>           | <b>QC-24-08-HAL-TCP-002</b>      |
| <b>Date:</b>               | <b>Thursday, August 15, 2024</b>  | <b>Next Inspection Date:</b> | <b>Friday, February 14, 2025</b> |
| <b>Type Of Inspection:</b> | <b>VISUAL , THOROUGH EXAMINATION &amp; MAGNETIC PARTICLE INSPECTION</b> | <b>Specification:</b>        | <b>API RP 5ASCT</b>              |



|  |  |
|--|--|
| <b>UNIT DESCRIPTION:</b>   | <b>2-7/8"EUE HEAVY WEIGHT PUP JOINT 10FT</b>   |
| <b>S/N:</b>  | <b>PJ-102</b>  |
| <b>DIM:</b>  | <b>OD(2-7/8"),ID(1.991"),DRIFT(1.901"),LENTH(4FT),WEIGHT(11.65PPF),GRADE(L-80)</b>   |
| <b>INSPECTION RESULT :</b>   |  |
| <b>VISUAL , THOROUGH EXAMINATION</b>   | <b>VISUAL &amp; MAGNETIC PARTICLE INSPECTION ( M.P.I. ) HAD BEEN DONE ON THE AVAILABLE AREAS FOR THE ABOVE DESCRIPTION</b> |
| <b>MAGNETIC PARTICLE INSPECTION</b>  | <b>Thread &amp; Available critical areas inspected and found free from cracks and other defects</b>                        |
| <b>FINAL RESULTS</b>   | <b>unit found satisfactory and free of defects at the time of inspection</b>   |
| <b>COMMENT:</b><br><b>MPI Wet Fluorescent Inspection Thread &amp; Body With UltraViolet Light</b><br><b>Magnetic Particle Inspection With A/C Hand Yoke , Black &amp; White Contrast</b> |  |



| EQUIPMENT DETAILS                        |   |                      |                         |                        |   | PERSON DETAILS         |                               | REVIEW BY                |   |                |  |
|--|---|----------------------|-------------------------|------------------------|---|------------------------|-------------------------------|--------------------------|---|----------------|--|
| <b>EQUIPMENT :</b>                       | <b>AC/DC YOKE</b>                                   | <b>EQUIPMENT :</b>   | <b>Shooting Coil DC</b> | <b>EQUIPMENT :</b>     | <b>UV Black Light</b>                     | <b>INSPECTOR NAME:</b> | <b>RAO SOHAIL</b>             | <b>SENIOR INSPECTOR:</b> | <b>NAVEED HUSSAIN</b>                         |                |  |
| <b>S.NO:</b>                             | <b>201504048</b>                                    | <b>S.NO:</b>         | <b>22650</b>            | <b>S.NO:</b>           | <b>1932401</b>                            |                        | <b>STAMP &amp; SIGNATURE:</b> | <b>SUPERVISOR:</b>       | <b>HANI ALI</b>                               |                |  |
| <b>Cal Due Date:</b>                     | <b>14.OCT.2024</b>                                  | <b>Cal Due Date:</b> | <b>15.OCT.2024</b>      | <b>Cal Due Date:</b>   | <b>14.OCT.2024</b>                        |                        |                               | <b>QUALIFICATION:</b>    | <b>ASNT LEVEL II<br/>MT &amp; PT &amp; VT</b> | <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>UV LIGHT INTENSITY:(3150 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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