



# Aberdeen Technical Services and General Transportation

## Certificate of Visual Thorough Examination and Magnetic Particle Inspection (MPI)



|                                                                                                                                                                                                              |                                              |                                                                                                                                |                                                                                       |    |    |    |    |    |     |       |  |  |  |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|----|----|----|----|----|-----|-------|--|--|--|
| Client:                                                                                                                                                                                                      | Hilong Oil Services & Engineering            | Certificate Number:                                                                                                            | ATS-06-24-3466- MPI-003                                                               |    |    |    |    |    |     |       |  |  |  |
| Rig Number:                                                                                                                                                                                                  | HL100                                        | Job No:                                                                                                                        | ATS-06-24-3466                                                                        |    |    |    |    |    |     |       |  |  |  |
| Location:                                                                                                                                                                                                    | Northern Rumila – R-055                      | Page No:                                                                                                                       | 01 of 01                                                                              |    |    |    |    |    |     |       |  |  |  |
| Date of Inspection:                                                                                                                                                                                          | 12-06-2024                                   | Next Inspection Date:                                                                                                          | 11-12-2024                                                                            |    |    |    |    |    |     |       |  |  |  |
| Type of Inspection                                                                                                                                                                                           | Visual inspection & MPI (Wet Visible Method) | Ref. Standards:                                                                                                                | ASTM E709, ASTM E 1444                                                                |    |    |    |    |    |     |       |  |  |  |
| <b>PICTORIAL:</b>                                                                                                                                                                                            |                                              | <b>Item Description: Tool box</b>                                                                                              |                                                                                       |    |    |    |    |    |     |       |  |  |  |
|                                                                                                                            |                                              | <table><tr><td>SN</td><td>01</td><td>02</td><td>03</td><td>04</td></tr><tr><td>SWL</td><td colspan="4">50 KN</td></tr></table> |                                                                                       | SN | 01 | 02 | 03 | 04 | SWL | 50 KN |  |  |  |
|                                                                                                                                                                                                              |                                              | SN                                                                                                                             | 01                                                                                    | 02 | 03 | 04 |    |    |     |       |  |  |  |
|                                                                                                                                                                                                              |                                              | SWL                                                                                                                            | 50 KN                                                                                 |    |    |    |    |    |     |       |  |  |  |
|                                                                                                                                                                                                              |                                              | <b>Unit Serial Number:</b><br>15922                                                                                            |                                                                                       |    |    |    |    |    |     |       |  |  |  |
| <b>Details of inspection method(s):</b><br>Visible magnetic particle inspection                                                                                                                              |                                              |                                                                                                                                |                                                                                       |    |    |    |    |    |     |       |  |  |  |
| <b>Inspection Results:</b><br>MPI WAS CARRIED OUT ON THE WELDING AND CRITICAL AREAS OF THE LIFTING POINTS OF THE ABOVE-MENTIONED ITEM AND FOUND NO CRACKS OR RELEVANT INDICATIONS AT THE TIME OF INSPECTION. |                                              |                                                                                                                                |                                                                                       |    |    |    |    |    |     |       |  |  |  |
| <b>Remarks: ACCEPTED</b>                                                                                                                                                                                     |                                              |                                                                                                                                |                                                                                       |    |    |    |    |    |     |       |  |  |  |
| <b>Inspection Equipment Details</b>                                                                                                                                                                          |                                              | <b>Personnel Details</b>                                                                                                       |                                                                                       |    |    |    |    |    |     |       |  |  |  |
| <b>Equipment</b>                                                                                                                                                                                             | Ac yoke                                      | Inspector:                                                                                                                     | Aram Dlawar                                                                           |    |    |    |    |    |     |       |  |  |  |
| Serial Number                                                                                                                                                                                                | 201504044                                    | Qualifications                                                                                                                 | ASNT LEVEL II                                                                         |    |    |    |    |    |     |       |  |  |  |
| Calibration Date:                                                                                                                                                                                            | 05-01-2024                                   | Date:                                                                                                                          | 12-06-2024                                                                            |    |    |    |    |    |     |       |  |  |  |
| Calibration Due:                                                                                                                                                                                             | 04-07-2024                                   | Signature:                                                                                                                     |  |    |    |    |    |    |     |       |  |  |  |
| <b>Consumables</b>                                                                                                                                                                                           | MAGNETIC PARTICLES INSPECTION                |                                                                                                                                | Supervisor:                                                                           |    |    |    |    |    |     |       |  |  |  |
| Maker and Model                                                                                                                                                                                              | FLUXO                                        | FLUXO                                                                                                                          | Meysam Minaei                                                                         |    |    |    |    |    |     |       |  |  |  |
| Type:                                                                                                                                                                                                        | WCP-4                                        | Black magnetic ink-3                                                                                                           | Date:                                                                                 |    |    |    |    |    |     |       |  |  |  |
| Batch Number                                                                                                                                                                                                 | L230523/1                                    | L230125/3                                                                                                                      | 13-06-2024                                                                            |    |    |    |    |    |     |       |  |  |  |
| Expiry Date:                                                                                                                                                                                                 | 23-05-2028                                   | 25-1-2025                                                                                                                      |                                                                                       |    |    |    |    |    |     |       |  |  |  |
|                                                                                                                                                                                                              |                                              | <b>Company Stamp</b>                                                                                                           |                                                                                       |    |    |    |    |    |     |       |  |  |  |
|                                                                                                                                                                                                              |                                              |                                            |                                                                                       |    |    |    |    |    |     |       |  |  |  |

ATS-NDT-F-001 ISSUE 3 JUN 2023



E: [akader@aberdeents.com](mailto:akader@aberdeents.com)  
[inspection@aberdeents-iq.com](mailto:inspection@aberdeents-iq.com)  
Tel: +964 7833334444 +964 7822222633