



# Aberdeen Technical Services and General Transportation

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



|                     |  |                       |                        |
|---------------------|--|-----------------------|------------------------|
| Client:             | <b>Hilong Oil Services &amp; Engineering</b> | Certificate Number:   | ATS-12-23-2486-MPI-012 |
| Rig Number:         | HL99   | Job No:               | ATS-12-23-2486         |
| Location:           | RIG-99/HILONG BASE                           | Page No:              | 01 of 01               |
| Date of Inspection: | 11-12-2023                                   | Next Inspection Date: | 10-06-2024             |
| Type of Inspection  | Visual inspection & MPI (Wet Visible Method) | Ref. Standards:       | ASTM E709, ASTM E 1444 |

**PICTORIAL:**



**Item Description:** Flow Line Lifting Pad Eyes

| Flow Line Pad eyes |             |             |         |          |         |
|--------------------|-------------|-------------|---------|----------|---------|
| SN:                | Height (mm) | Length (mm) | PH (mm) | THK (mm) | SWL (T) |
| JF1                | 100         | 148         | 41      | 10       | 1 Ton   |
| JF2                |             |             |         |          |         |
| JF3                |             |             |         |          |         |
| JF4                |             |             |         |          |         |

**Serial Number:** FL-01

**Details of inspection method(s):**  
Visible magnetic particle inspection

**Inspection Results:**  
MPI WAS CARRIED OUT ON THE WELDING AND CRITICAL AREAS OF THE ABOVE-MENTIONED ITEM AND FOUND NO CRACKS OR RELEVANT INDICATIONS AT THE TIME OF INSPECTION.

**Remarks:** **ACCEPTED**

| Inspection Equipment Details |                               |                         | Personnel Details |               | Company Stamp |
|------------------------------|-------------------------------|-------------------------|-------------------|---------------|---------------|
| <b>Equipment</b>             | Ac yoke                       | Digital Vernier Caliper | Inspector:        | Aram Dlawar   |               |
| Serial Number                | 201504044                     | 8914                    | Qualifications    | ASNT LEVEL II |               |
| Calibration Date:            | 17-08-2023                    | 17-08-2023              | Date:             | 11-12-2023    |               |
| Calibration Due:             | 16-02-2024                    | 16-02-2024              | Signature:        |               |               |
| <b>Consumables</b>           | MAGNETIC PARTICLES INSPECTION |                         | Supervisor:       | Hasan Omran   |               |
| Maker and Model              | FLUXO                         | FLUXO                   | Date:             | 14-12-2023    |               |
| Type:                        | WCP-4                         | Black magnetic ink-3    |                   |               |               |
| Batch Number                 | L230523/1                     | L230125/3               |                   |               |               |
| Expiry Date:                 | 23-05-2028                    | 25-1-2025               |                   |               |               |

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