



# Aberdeen Technical Services and General Transportation

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



|                     |                                              |                       |                         |
|---------------------|----------------------------------------------|-----------------------|-------------------------|
| Client:             | Hilong Oil Services & Engineering            | Certificate Number:   | ATS-11-24-4375- MPI-078 |
| Rig Number:         | HL99                                         | Job No:               | ATS-11-24-4375          |
| Location:           | Southern Rumila – RU264                      | Page No:              | 01 of 01                |
| Date of Inspection: | 13-11-2024                                   | Next Inspection Date: | 12-05-2025              |
| Type of Inspection  | Visual inspection & MPI (Wet Visible Method) | Ref. Standards:       | ASTM E709, ASTM E 1444  |

### PICTORIAL:



### Item Description: cold storage caravan

|            |                                    |               |
|------------|------------------------------------|---------------|
| SN         | 20182000275-1                      | 20182000275-3 |
| SN         | 20182000275-2                      | 20182000275-4 |
| SWL        | 50 KN / each                       |               |
| Dimensions | L x W x H : 12900 x 3120 x 3000 mm |               |
| Weights:   | weight: 18 T                       | Payload: NA   |

Unit Serial Number: 20182000275

### Details of inspection method(s):

Visible magnetic particle inspection

### Inspection Results:

MPI WAS CARRIED OUT ON THE CRITICAL AND WELDING AREAS OF LIFTING POINTS (MIDDLE LUGS) 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 |
|------------------------------|-------------------------------|----------------------|-------------------|---------------|---------------|
| Equipment                    | Ac yoke                       |                      | Inspector:        | Aram Dlawar   |               |
| Serial Number                | 201504044                     |                      | Qualifications    | ASNT LEVEL II |               |
| Calibration Date:            | 28-06-2024                    |                      | Date:             | 13-11-2024    |               |
| Calibration Due:             | 27-12-2024                    |                      | Signature:        |               |               |
| Consumables                  | MAGNETIC PARTICLES INSPECTION |                      | Supervisor:       | Hasan Omran   |               |
| Maker and Model              | FLUXO                         | FLUXO                | Date:             | 14-11-2024    |               |
| 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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