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## MAGNETIC PARTICLE EXAMINATION REPORT

|                                                                                                                                                                                                                                                                         |                                                                                                                  |                                                                                                                   |      |              |                                              |                       |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------|------|--------------|----------------------------------------------|-----------------------|
| Date of Examination: 25/06/2023                                                                                                                                                                                                                                         |                                                                                                                  | Report No: HITECH/TJN-2022-229/MT-068                                                                             |      |              |                                              |                       |
| Client: M/S.TRUCKOMAN EQUIPMENT RENTAL LLC,OMAN                                                                                                                                                                                                                         |                                                                                                                  | Contractor: N/A                                                                                                   |      |              |                                              |                       |
| Project: N/A                                                                                                                                                                                                                                                            |                                                                                                                  | Location: ADAM WORKSHOP,SULTANATE OF OMAN                                                                         |      |              |                                              |                       |
| Procedure No. & Rev. No.: HITIS/GEN/MT/01 REV.02                                                                                                                                                                                                                        |                                                                                                                  | Referencing Code / Specification: ASTM E709, AWS D1.1                                                             |      |              |                                              |                       |
| Acceptance Criteria: AWS D1.1 ED 2015                                                                                                                                                                                                                                   |                                                                                                                  | Material: CS                                                                                                      |      |              |                                              |                       |
| Surface Condition: Acceptable                                                                                                                                                                                                                                           |                                                                                                                  | Surface Temperature: Ambient                                                                                      |      |              |                                              |                       |
| Method: <input checked="" type="checkbox"/> Wet <input checked="" type="checkbox"/> Visible<br><input type="checkbox"/> Dry <input type="checkbox"/> Fluorescent                                                                                                        |                                                                                                                  | Technique: <input checked="" type="checkbox"/> Continuous<br><input type="checkbox"/> Residual                    |      |              |                                              |                       |
| PWHT: N/A                                                                                                                                                                                                                                                               |                                                                                                                  | Magnetization: <input checked="" type="checkbox"/> Longitudinal<br><input type="checkbox"/> Circular              |      |              |                                              |                       |
| Equipment Type: Permanent Magnetic Yoke                                                                                                                                                                                                                                 |                                                                                                                  | Equipment Sr. No: GAMMATEC 00810                                                                                  |      |              |                                              |                       |
| Type of Current: N/A                                                                                                                                                                                                                                                    |                                                                                                                  | Cal. Validity: Prior to Job                                                                                       |      |              |                                              |                       |
| Lifting Power of Yoke: 18.1 KG                                                                                                                                                                                                                                          |                                                                                                                  | Sensitivity: <input checked="" type="checkbox"/> Bumah Strip <input type="checkbox"/> Pie Gauge III Lines Visible |      |              |                                              |                       |
| Source of Light: Day light                                                                                                                                                                                                                                              |                                                                                                                  | Light Intensity: $\geq 1000$ lux min                                                                              |      |              |                                              |                       |
| Consumables: MAGNAFLUX                                                                                                                                                                                                                                                  |                                                                                                                  |                                                                                                                   |      |              |                                              |                       |
| Cleaner : MAGNAFLUX SKC-S<br>Batch No: 220513<br>Validity: MAY-2025                                                                                                                                                                                                     |                                                                                                                  | White contrast : MAGNAFLUX WCP-2<br>Batch No: 220506<br>Validity: MAY-2025                                        |      |              |                                              |                       |
| Magnetic Ink : MAGNAFLUX 7 HF<br>Batch No: 220508<br>Validity: MAY-2025                                                                                                                                                                                                 |                                                                                                                  |                                                                                                                   |      |              |                                              |                       |
| Item Description/Line No./<br>Drawing No.                                                                                                                                                                                                                               | Weld No                                                                                                          | Welder<br>No                                                                                                      | Size | Sch. /<br>WT | Observation<br>(Map or Record of Indication) | Result<br>(Acc./Rej.) |
| REGISTRATION NO & OWNER ID NO: - 3246HM / TER 1626                                                                                                                                                                                                                      |                                                                                                                  |                                                                                                                   |      |              |                                              |                       |
| KING PIN & FILLET WELD<br>MAKE: JOST 3.5"<br>TYPE: N/A                                                                                                                                                                                                                  | I SHAPED CYLINDRICAL KING PIN, TOP<br>HEAD 114MM $\phi$ , INTERMEDIATE 89MM $\phi$ ,<br>BOTTOM HEAD 111MM $\phi$ |                                                                                                                   |      |              | NO RELEVANT INDICATION OBSERVED              | ACCEPTED              |
| <div></div> |                                                                                                                  |                                                                                                                   |      |              |                                              |                       |
| "MPI TEST CARRIED OUT SATISFACTORILY, FOUND NO RELEVANT INDICATIONS AT THE TIME OF INSPECTION"                                                                                                                                                                          |                                                                                                                  |                                                                                                                   |      |              |                                              |                       |
| LATEST DATE BY WHICH NEXT MPI MUST BE CARRIED OUT:                                                                                                                                                                                                                      |                                                                                                                  |                                                                                                                   |      |              | 24/06/2024                                   |                       |
| Hi-Tech Inspection Services LLC                                                                                                                                                                                                                                         |                                                                                                                  | Contractor                                                                                                        |      |              | Client/ TPI /AI                              |                       |
| Signature:<br>                                                                                                                                                                       |                                                                                                                  | Signature:                                                                                                        |      |              | Signature:                                   |                       |
| Name: LAKSHMANDAS.M                                                                                                                                                                                                                                                     |                                                                                                                  | Name:                                                                                                             |      |              | Name:                                        |                       |
| Qualification: MPT Level II                                                                                                                                                                                                                                             |                                                                                                                  | Date:                                                                                                             |      |              | Date:                                        |                       |
| Date: 25/06/2023                                                                                                                                                                                                                                                        |                                                                                                                  | Date:                                                                                                             |      |              | Date:                                        |                       |

HITECH-NDT-F-87-MT-01