



HI-TECH INSPECTION SERVICES L.L.C,  
P.O.BOX 1809, RUWI, P.C. 112,  
SULTANATE OF OMAN  
Phone: (+968) 24449092 | 24446444 | 24449010 | 24446414  
[www.hitechoman.net](http://www.hitechoman.net) Email: [admin@hitechoman.net](mailto:admin@hitechoman.net)

## MAGNETIC PARTICLE EXAMINATION REPORT

|                                                                                                                                                                                    |                                                                                                                  |                                                                                                |      |                                                                                                                    |                                              |                       |  |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------|------|--------------------------------------------------------------------------------------------------------------------|----------------------------------------------|-----------------------|--|
| Date of Examination: 08/07/2023                                                                                                                                                    |                                                                                                                  |                                                                                                |      | Report No: HITECH/TJN-2022-229/MT-095                                                                              |                                              |                       |  |
| Client: M/S.TRUCKOMAN EQUIPMENT RENTAL LLC,OMAN                                                                                                                                    |                                                                                                                  |                                                                                                |      | Contractor: N/A                                                                                                    |                                              |                       |  |
| Project: N/A                                                                                                                                                                       |                                                                                                                  |                                                                                                |      | Location: HOIST 52-SAIHRAWAL,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 2021                                                                                                                                              |                                                                                                                  |                                                                                                |      | Material: N/A                                                                                                      |                                              |                       |  |
| Surface Condition: Acceptable                                                                                                                                                      |                                                                                                                  | Surface Temperature: Ambient                                                                   |      | PWHT: N/A                                                                                                          |                                              |                       |  |
| Method: <input checked="" type="checkbox"/> Wet <input checked="" type="checkbox"/> Visible<br><input checked="" type="checkbox"/> Dry <input type="checkbox"/> Fluorescent        |                                                                                                                  | Technique: <input checked="" type="checkbox"/> Continuous<br><input type="checkbox"/> Residual |      | Magnetization: <input checked="" type="checkbox"/> Longitudinal<br><input type="checkbox"/> Circular               |                                              |                       |  |
| Equipment Type: Permanent Magnetic Yoke                                                                                                                                            |                                                                                                                  | Equipment Sr. No: GAMMATEC 00836                                                               |      | Cal. Validity: Prior to Job                                                                                        |                                              |                       |  |
| Type of Current: N/A                                                                                                                                                               |                                                                                                                  | Lifting Power of Yoke: 18.1 KG                                                                 |      | Sensitivity: <input checked="" type="checkbox"/> Burnah 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: - 3837AK / PLM 395                                                                                                                                  |                                                                                                                  |                                                                                                |      |                                                                                                                    |                                              |                       |  |
| KING PIN & FILLET WELD<br>MAKE: JOST<br>SIZE: 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:                                                                                                                                 |                                                                                                                  |                                                                                                |      |                                                                                                                    | 07/07/2024                                   |                       |  |
| Hi-Tech Inspection Services LLC                                                                                                                                                    |                                                                                                                  | Contractor                                                                                     |      |                                                                                                                    | Client/ TPI /AI                              |                       |  |
| Signature:<br>                                                                                  |                                                                                                                  | Signature:                                                                                     |      |                                                                                                                    | Signature:                                   |                       |  |
| Name: N.SREEKUMAR                                                                                                                                                                  |                                                                                                                  | Name:                                                                                          |      |                                                                                                                    | Name:                                        |                       |  |
| Qualification: MPT Level II                                                                                                                                                        |                                                                                                                  | Date:                                                                                          |      |                                                                                                                    | Date:                                        |                       |  |
| Date: 08/07/2023                                                                                                                                                                   |                                                                                                                  | Date:                                                                                          |      |                                                                                                                    | Date:                                        |                       |  |

HITECH-NDT-F-87-MT-01