

# UNIQUE ENGINEERING TECHNICAL SERVICES LLC

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رمز بريدي : ١٣٠ صندوق البريد : ٣٣٣٢



## MAGNETIC PARTICLE TEST REPORT

|   |  |                              |
|---|--|------------------------------|
| Report No: UNITEC/MPI/KP/22/712   | Date of Examination: 27-12-2022                    | Next Due Date : 26-12-2023   |
| Customer name: TRUCK OMAN   |  |                              |
| Inspected By: Unique Engineering Technical Services LLC.  |  |                              |
| Procedure Ref. UNITEC/MT/03   | Acceptance code: As per Clause 13 of MPI procedure | Referencing Code: ASTM E 709 |
| Scope of Examination:   | MPI of TANKER-TRAILER's King pin                   |                              |
| Vehicle No.: TO 2434 8549 ML  | Material: CS                                       | Chassis No.: GICV130001      |
| Examination Method: <input checked="" type="checkbox"/> Wet <input checked="" type="checkbox"/> Dry <input checked="" type="checkbox"/> Visible <input checked="" type="checkbox"/> Fluorescent |  |                              |
| Magnetizing method: <input checked="" type="checkbox"/> Continuous <input checked="" type="checkbox"/> Residual Magnetization: Longitudinal   |  |                              |
| Equipment   |  |                              |
| Type: AC/DC YOKE  | Model: EF-2Y (Serial No. YOKE MNH19J62)            |                              |
| Cleaner: SPOTCHECK SKS-S  | Manufacturer: MAGNAFLUX                            |                              |
| White Contrast Paint: MAGNAVIS WCP-2  | Manufacturer: MAGNAFLUX                            |                              |
| Black Magnetic Ink: MAGNAVIS 7HF  | Manufacturer: MAGNAFLUX                            |                              |
| Current type: AC/DC   | Observed surface temperature: 31 ° C               |                              |
| Surface condition: Smooth and clean   | Observed Light intensity: 1080 Lux                 |                              |
| Lifting power of yoke: 4.5 kg for AC & 23 kg for DC   |  |                              |
| Item description: 3.5" king pin.  |  |                              |
| Observation:<br># On above parts MPI carried out and found acceptable as per requirements.<br># At the time of inspection, KING PIN was found satisfactory.                                     |  |                              |
| Results: Accepted / Rejected  |  |                              |
| I hereby declare that the above information is correct and that the KING PIN has been tested and examined in according to provisions & standard.  |  |                              |
| Test Performed by: NDT Level II qualified   |  |                              |
| Name:   |  |                              |
| Signature:  |  |                              |
| Date:   |  |                              |

