



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 type="checkbox"/> Dry	<input checked="" type="checkbox"/> Visible	<input type="checkbox"/> Fluorescent
Magnetizing method: <input checked="" type="checkbox"/> Continuous <input 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:		
# On above parts MPI carried out and found acceptable as per requirements.		
# 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: <input checked="" type="checkbox"/> NDT Level II qualified		
Name:		
Signature:		
Date:		