





**AI TAKAMUL COMPANY FOR ENGINEERING TESTS
AND PROFESSIONAL SAFETY LIMITED**
Basra, North Rumaila, Quality Control Yard - Iraq



| CERTIFICATION OF VISUAL, THOROUGH EXAMINATION & MAGNETIC PARTICLE INSPECTION | | | | |
|--|--|-------------------------------|---|--|
| Client: | HALLIBURTON TSS | Report No: | QC-Halliburton-2024-0335-20 | |
| Location: | TSS YARD | Job Number: | QC-Halliburton-2024-0335 | |
| Date: | 19-Sep-2024 | Next Inspection Date: | 18-Mar-2025 | |
| Type Of Inspection: | VISUAL , THOROUGH EXAMINATION & MAGNETIC PARTICLE INSPECTION | | Specification: | ASTM E709 & ASTM E 1444 (2016) ASME V Article 7 (2019) |
|   | | UNIT DESCRIPTION: | LAB TRAILER KING PIN | |
| | | UNIT S/N: | SAP NO : 12032159 | |
| | | | | |
| | | VISUAL , THOROUGH EXAMINATION | unit fully inspected and found free from deforms, cracks, corrosion & mechanical damage | |
| | | MAGNETIC PARTICLE INSPECTION | Welds & forgn areas inspected and found free from cracks and other defects | |
| | | FINAL RESULTS | unit found satisfactory and free of defects at the time of inspection | |
| COMMENT: | | |  | |
| Magnetic Particle Inspection With A/C Hand Yoke , Black & White Contrast | | | | |

| EQUIPMENT DETAILS | | | | | | PERSON DETAILS | | REVIEW BY | |
|---|---------------------------------|---------------|--------------------------------------|---------------|----------------------|---|---|-------------------|---------------|
| Equipment: | AC-Yoke Test Block | Equipment: | Digital Lux Meter | Equipment: | AC/DC Yoke | INSPECTOR NAME: |  | SENIOR INSPECTOR: | MAHMOUD ALI |
| S.No: | 1657 | S.No: | 2722003 | S.No: | 201504052 | MOHAMED ABDULLAH | | SUPERVISOR: | ASHRAF ELSAID |
| Cal Due Date: | 14-Oct-2024 | Cal Due Date: | 16-Oct-2024 | Cal Due Date: | 14-Oct-2024 | QUALIFICATION ASNT LEVEL II MT & PT & VT | | CLIENT: | |
| Black Magnetic Ink Manufacture: | Magnaflux | Batch No: | 220605 | Expiry Date: | JULY.2025 | | | | |
| Whie Contrast Paint Manufacture: | Magnaflux | Batch No: | 220602 | Expiry Date: | JUN,2025 | STAMP & SIGNATURE: | | | |
| Technical Details: | Magnetic Partical Concentration | | Method | | WMPT Light Intensity | | | | |
| | 1.2 to 2.4 ml/100 ml | | Wet Magnetic Particle Testing (WMPT) | | 3630 Lux | | | | |
| Original - Client Files Copy - Area Office QC/FN/MPI/065 Rev.00 DATED 07 Nov 2021 | | | | | | | | | |