

**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

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|--|--|---|--|
| Client: | HALLIBURTON (RES) | Report No: | QC-24-09-RES-001 |
| Location: | RES YARD | Job Number: | 271024 |
| Inspection Date: | Saturday, September 28, 2024 | Next Inspection Date: | Saturday, September 27, 2025 |
| Type Of Inspection: | VISUAL , THOROUGH EXAMINATION & MAGNETIC PARTICLE INSPECTION | Specification: | ST-GL-HAL-HSE-0419 ASTM E709 & ASTM E 1444 (2016) ASME V Article 7 (2019) |
| | | UNIT DESCRIPTION: | TOOL RACK |
| | | UNIT S/N: | 290924 |
| | | SHELF SWL: | 70 KG |
| | | UNIT DIMENSION: | L:2.010 M X H:1.70 M X W:0.54 M |
| INSPECTION RESULT : | | | |
| VISUAL , THOROUGH EXAMINATION | | VISUAL & MAGNETIC PARTICLE INSPECTION (M.P.I.) HAD BEEN DONE ON THE AVAILABLE AREAS FOR THE ABOVE DESCRIPTION | |
| MAGNETIC PARTICLE INSPECTION | | Available critical areas inspected and found free from cracks and other defects | |
| FINAL RESULTS | | THE ABOVE INSPECTED AREAS WAS ACCEPTED | |
| 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: M.SHAHZAD AHMED | | SENIOR INSPECTOR: | ASHRAF ELSAID |
| S.No: | 1657 | S.No: | 2722003 | S.No: | 201504052 | | | QUALIFICATION: ASNT LEVEL II MT & PT & VT | SUPERVISOR: |
| Cal Due Date: | 14-Oct-24 | Cal Due Date: | 16-Oct-24 | Cal Due Date: | 14-Oct-24 | STAMP & SIGNATURE: | | 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 | | | | |
| 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



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