Al TAKAMUL COMPANY FOR ENGINEERING TESTS AND PROFESSIONAL SAFETY LIMITED



Basra, North Rumaila, Quality Control Yard - Iraq

| CERTIFICATION OF VISUAL, THOROUGH EXAMINATON & MAGNETIC PARTICLE INSPECTION | | | | | | | | | | | |
|---|--|---|--|--|--|--|--|--|--|--|--|
| Client: | HALLIBURTON (TSS) | Report No: | QC-24-MAY-TSS-NDT-019 | | | | | | | | |
| Location: | TSS YARD | JOB NO: | QC-24-05-TSS-004 | | | | | | | | |
| Inspection Date: | Tuesday, May 14, 2024 | Next Inspection Date: | Wednesday, November 13, 2024 | | | | | | | | |
| Type Of Inspection: | VISUAL , THOROUGH EXAMINATION & MAGNETIC PARTICLE INSPECTION | Specification: | ASTM E709 & ASTM E 1444 (2016) ASME V Article 7 (2019) | | | | | | | | |
| | UNIT DESCRIPTION: | | X-OVER 4" 206 WING X 3" 206 THREAD | | | | | | | | |
| | UNIT S/N: | | TSS 3010 | | | | | | | | |
| | INSPECTION RESULT: | | | | | | | | | | |
| | | VICIDAL S. MACNETIC PARTICLE INSPECTION (M.D.L.) HAD BEEN DONEON THE | | | | | | | | | |



VISUAL , THOROUGH EXAMINATION

VISUAL & MAGNETIC PARTICLE INSPECTION (M.P.I.) HAD BEEN DONEON THE AVAILABLE AREAS FOR THE ABOVE DESCRIPTION

Thread & Available critical areas inspected and found free from cracks and other defects

FINAL RESULTS

THE ABOVE INSPECTED AREAS WAS ACCEPTED

COMMENT:

(MPI Wet Fluorescent inspection Thread With UltraViolet Light)

Magnetic Particle Inspection With A/C Hand Yoke, Black & White Contrast



| EQUIPMENT DETAILS | | | | | 1 | PERSON DETAILS | | REVIEW BY | | |
|--|--------------------|---------------|---------------------------------------|-----------------------------------|----------------|--------------------------------|------------------------------------|--|-------------------|----------------|
| EQUIPMENT: | AC/DC HAND Yol | ke EQUIPMENT: | Shooting Coil DC | EQUII | PMENT: | UV BLACK LIGHT: 3130 μw/cm² | INSPECTOR NAME: M.Shahzad Ahmed | Com | SENIOR INSPECTOR: | NAVEED HUSSAIN |
| S.NO: | 201504052 | S.NO: | 22650 | S. | .NO: | 1898977 | | The state of the s | | |
| Cal Due Date: | 12.AUG.2024 | Cal Due Date: | 12.AUG.2024 | Cal D | ue Date: | 12.AUG.2024 | QUALIFICATION: ASNT LEVEL II | (S) NAT | SUPERVISOR: | HANI ALI |
| FLUORE | SCENT 14HF | Magnaflux | Batch No: | 220306 | EXPIRE DA | MARCH,2025 | MT & PT & VT | () () () () () () () () () () | JOI ERVISOR. | HANI ALI |
| Whie Contrast | Paint Manufacture: | Magnaflux | Batch No: | 220602 | EXPIRE DA | ATE: JUN,2025 | | 12/18/ | 7 | |
| Digital Lux Meter WHITE LIGHT INTENSITY: TECHNICAL DETAILS | | | Black Magnetic Ink Manufacture:7HF | STAMP & SIGNATURE: | or Ingineering | CLIENT: | | | | |
| 3610 Lux/S.NO:2722003 Wet FLUORESCENT Particle Concentration 14 HF 0.1 to 0. | | to 0.4 ml/100 | .4 ml/100 ml Batch No:220605 | | | / | | | | |
| Cal Due Date:14.AUG.2024 Black Magnetic Ink Concentration 7 HF | | tion 7 HF 1.2 | to 2.4 ml/100 | 2.4 ml/100 ml EXPIRE DATE: Jul-25 | | | | | | |

Original - Client Files

Copy - Area Office

QC/FN/MPI/065 Rev.00 DATED 07 NOV 2021















