

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

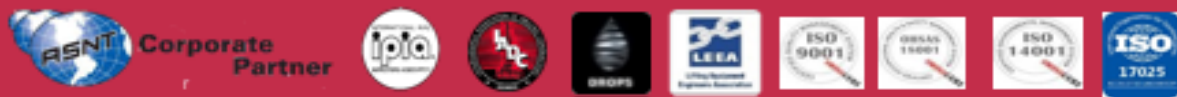
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|--|--|---|--|
| Client: | HALLIBURTON (TSS) | Report No: | QC-AUG-24-TSS-NDT-009 |
| Location: | TSS WORKSHOP & INSPECTION TEST AREA | Job Number: | QC-AUG-24-TSS-NDT-001 |
| Date: | Tuesday, August 6, 2024 | Next Inspection Date: | Wednesday, February 5, 2025 |
| Type Of Inspection: | VISUAL , THOROUGH EXAMINATION & MAGNETIC PARTICLE INSPECTION | Specification: | ASTM E709 & ASTM E 1444 (2016) ASME V Article 7 (2019) |
| | UNIT DESCRIPTION: | 4" CHECK VALVE | |
| | S/NO: | TSS-8607 | |
| | 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: | Astm Test Block | Equipment: | Digital Lux Meter WHITE LIGHT INTENSITY: 3160 lux | Equipment: | AC/DC Yoke PERMANET HAND MAGNATIC | INSPECTOR NAME: | USMAN SHABBIR | SENIOR INSPECTOR: | NAVEED HUSSAIN |
| S.No: | 1657 | S.No: | 2722003 | S.No: | PY-09 | QUALIFICATION: ASNT LEVEL II MT & PT & VT | | SUPERVISOR: | HANI ALI |
| Cal Due Date: | 14.OCT.2024 | Cal Due Date: | 16.OCT.2024 | Cal Due Date: | 14.OCT.2024 | | | | |
| Black Magnetic Ink Concentration 7 HF | | Magnaflux | Batch No: | 220306 | EXPIRE DATE: | MARCH,2025 | | CLIENT: | |
| Whie Contrast Paint Manufacture: | | Magnaflux | Batch No: | 220602 | EXPIRE DATE: | JUN,2025 | | | |
| TECHNICAL DETAILS | TECH | | | | | STAMP & SIGNATURE: | | | |
| | Whie Contrast Paint Manufacture: | | 0.1 to 0.4 ml/100 ml | | | | | | |
| | Black Magnetic Ink Concentration 7 HF | | 1.2 to 2.4 ml/100 ml | | | | | | |

Original - Client Files

Copy - Area Office

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



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