

CERTIFICATION OF VISUAL THOROUGH EXAMINATION & MAGNETIC PARTICLE INSPECTION

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| Client: | HALLIBURTON | Report No: | QC-24-01/HAL-TSS-07/C2 |
| Location: | TSS YARD | Job Number: | QC-24-01/HAL-TSS-07 |
| Date: | Sunday, January 7, 2024 | Next Inspection Date: | Saturday, July 6, 2024 |
| Type Of Inspection: | VISUAL , THOROUGH EXAMINATION & MAGNETIC PARTICLE INSPECTION | | |
| | | Specification: | ASTM E709 & ASTM E 1444 (2016) ASME V Article 7 (2019) |



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| UNIT DESCRIPTION: | MULTI PHASE FLOW METER (MPFM) SKID LIFTING PAD EYES |
| UNIT S/N: | SAP No: 12364984 |
| UNIT DIM: | L: 2.5 M X W:1.55 M X H: 3.0 M |

| PAD EYE S/N | QTY | PAD EYES DIMENSION | MGW | REMARK |
|-------------|-----|--------------------|---------|--------------|
| P1 | 04 | Thickness :- 25 MM | 2700 kg | Satisfactory |
| P2 | | Pin Hole :- 22 MM | | |
| P3 | | Width :- 160 MM | | |
| P4 | | Height :- 170 MM | | |

| INSPECTION RESULT : | |
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| VISUAL , THOROUGH EXAMINATION | Skid fully inspected and found free from deforms, cracks, corrosion & mechanical damage |
| MAGNETIC PARTICLE INSPECTION | Padeyes' Welds are inspected and found free from cracks and other defects |
| FINAL RESULTS | unit found satisfactory and free of defects at the time of inspection |

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

| EQUIPMENT DETAILS | | | | | | PERSON DETAILS | | REVIEW BY | |
|---|-----------------------|--|-------------------------------|-------------------------------|-----------------------------------|----------------------------------|--------------|--------------------------|---------------|
| Equipment: | AC/DC Yoke Test Block | Equipment: | Digital Lux Meter WHITE LIGHT | Equipment: | AC/DC Yoke PERMANET HAND MAGNATIC | INSPECTOR NAME: | AIZAZ FARHAT | SENIOR INSPECTOR: | ASHRAF ELSAID |
| S.No: | 1657 | S.No: | 1932401 2722003 | S.No: | PY - 019 PY - 02 | QUALIFICATION: | | | |
| Cal Due Date: | 14-Feb-2024 | Cal Due Date: | 16-Feb-2024 | Cal Due Date: | 14-Feb-2024 | LEE & ASNT LEVEL II MT & PT & VT | | SUPERVISOR: | HANI ALI |
| Black Magnetic Ink Manufacture: | 7HF | Magnaflux | Batch No: 220605 | EXPIRE DATE: JULY,2025 | | STAMP & SIGNATURE: | | CLIENT: | |
| Whie Contrast Paint Manufacture: | | Magnaflux | Batch No: 220602 | EXPIRE DATE: JUN,2025 | | | | | |
| TECH | | WMPT Light Intensity | | | | | | | |
| TECHNICAL DETAILS | | Wet FLUORESCENT Particle Concentration 14 HF | | 0.1 to 0.4 ml/100 ml | | 1450 Lux | | | |
| | | Black Magnetic Ink Concentration 7 HF | | 1.2 to 2.4 ml/100 ml | | | | | |