

**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 SPERRY | Report No: | QC-Halliburton-2024-0236-06 | |
| Location: | SPERRY YARD | Job Number: | QC-Halliburton-2024-0236 | |
| Date: | 2-Jun-2024 | Next Inspection Date: | 1-Dec-2024 | |
| Type Of Inspection: | VISUAL , THOROUGH EXAMINATION & MAGNETIC PARTICLE INSPECTION | | Specification: | ASTM E709 & ASTM E 1444 (2016) ASME V Article 7 (2019) |
| | | UNIT DESCRIPTION: | MUD LOGGING UNIT | |
| | | UNIT S/N: | SDL-A5743-1/10 S.NO:11488199 | |
| | | UNIT DIM: | 8 m (L) x 2.75 m (W) x 2.70 m (H) | |
| | | INSPECTION RESULT : | | |
| 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: | NAVEED HUSSAIN |
| S.No: | 1657 | S.No: | 2722003 | S.No: | 201504048 | ASHRAF ELSAID | | SUPERVISOR: | HANI ALI |
| Cal Due Date: | 14-Aug-2024 | Cal Due Date: | 14-Aug-2024 | | | QUALIFICATION ASNT LEVEL II MT & PT & VT | CLIENT: | | |
| Black Magnetic Ink Manufacture: | Magnaflux | Batch No: | 220306 | Expiry Date: | MARCH-2025 | | | | |
| Whie Contrast Paint Manufacture: | Magnaflux | Batch No: | 220602 | Expiry Date: | JUN,2025 | | | | |
| Technical Details: | Magnetic Partical Concentration | | Method | | WMPT Light Intensity | STAMP & SIGNATURE: | | | |
| | 1.2 to 2.4 ml/100 ml | | Wet Magnetic Particle Testing (WMPT) | | 1350 Lux | | | | |
| Original - Client Files | | Copy - Area Office | | QC/FN/MPI/065 Rev.00 DATED 07 Nov 2021 | | | | | |

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CERTIFICATION OF VISUAL, THOROUGH EXAMINATION & MAGNETIC PARTICLE INSPECTION

| | | | |
|--------------------------------------|--|---|--|
| Client: | HALLIBURTON SPERRY | Report No: | QC-Halliburton-2024-0236-07 |
| Location: | SPERRY YARD | Job Number: | QC-Halliburton-2024-0236 |
| Date: | 2-Jun-2024 | Next Inspection Date: | 1-Dec-2024 |
| Type Of Inspection: | VISUAL , THOROUGH EXAMINATION & MAGNETIC PARTICLE INSPECTION | Specification: | ASTM E709 & ASTM E 1444 (2016) ASME V Article 7 (2019) |
| | | UNIT DESCRIPTION: | MUD LOGGING UNIT LADDER |
| | | UNIT S/N: | SDL-A5743-1/10 S.NO:11488199 |
| | | UNIT DIM: | 8 m (L) x 2.75 m (W) x 2.70 m (H) |
| | | INSPECTION RESULT : | |
| 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 | |
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| EQUIPMENT DETAILS | | | | | | PERSON DETAILS | | REVIEW BY | |
|---|--|----------------------|--------------------------------------|--|-----------------------------|-------------------------------|--|--------------------------|----------------|
| Equipment: | AC-Yoke Test Block | Equipment: | Digital Lux Meter | Equipment: | AC/DC Yoke | INSPECTOR NAME: | | SENIOR INSPECTOR: | NAVEED HUSSAIN |
| S.No: | 1657 | S.No: | 2722003 | S.No: | 201504048 | ASHRAF ELSAID | | SUPERVISOR: | HANI ALI |
| Cal Due Date: | 14-Aug-2024 | Cal Due Date: | 14-Aug-2024 | | | QUALIFICATION | | CLIENT: | |
| Black Magnetic Ink Manufacture: | Magnaflux | Batch No: | 220306 | Expiry Date: | MARCH-2025 | ASNT LEVEL II | | | |
| Whie Contrast Paint Manufacture: | Magnaflux | Batch No: | 220602 | Expiry Date: | JUN,2025 | MT & PT & VT | | | |
| Technical Details: | Magnetic Partical Concentration | | Method | | WMPT Light Intensity | STAMP & SIGNATURE: | | | |
| | 1.2 to 2.4 ml/100 ml | | Wet Magnetic Particle Testing (WMPT) | | 1350 Lux | | | | |
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Email: OP@qualitycontrol-iraq.com / hany.akafi@qualitycontrol-iraq.com



CERTIFICATE OF THOROUGH EXAMINATION

This Certificate complies with the requirements of the Lifting Equipment Operations and Lifting Equipment Regulations

| | | | | | |
|---|--|--|-------------------------------|--|--|
| Date of Examination: | 02-06-2024 | Date of Report: | 02-06-2024 | Certificate No: | QC-Halliburton-2024-0236-08 |
| Client Name: | Halliburton Sperry | Location: | Sperry Yard | Job Number: | QC-Halliburton-2024-0236 |
| Serial Number: | QTY | Description | SWL | Date of manufacture if known: | Date of last thorough examination |
| AZ511 AZ512 AZ513 | 04 | SAFETY PIN BOW SHACKLE SIZE: 1" GRADE: 6 MANUFACTURE: CROSBY S.F: 6:1 | 8.5 TON | N/A | 15-07-2023 |
| Reference Standard: | BS EN 13889 / HAL DOC: WM-GL-HAL-HSE-0420F & WM-GL-HAL-HSE-0420C REV 1 | | | | |
| Is this the first examination after Installation or assembly at a new site or location? | | YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> | | Was the examination carried out: Within an interval of 6 months? YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> With an interval of 12 months? YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> In accordance with an examination scheme? YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> After the occurrence of exceptional circumstances? YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> | |
| If the answer to the above question is YES has the equipment been installed correctly? | | YES <input type="checkbox"/> NO <input type="checkbox"/> | | | |
| Identification of any part found to have a defect which is or could not become a danger to persons and a description of the defect: (If none State NONE) NONE | | | | | |
| Is the above a defect which is of immediate danger to persons: | | | | YES <input type="checkbox"/> | NO <input checked="" type="checkbox"/> |
| Is the above a defect which is not yet but could become a danger to persons (If YES state the date by when) | | | | YES by: | |
| Particulars of any repair, renewal or alteration required to remedy the defect identified above: | | | | | |
| Particulars of any tests carried out as part of the examination: (If none state NONE) The subject Items were inspected Visually and dimensionally where no signs of defects were observed at the time of inspection and found satisfactory | | | | | |
| IS THIS EQUIPMENT SAFE TO OPERATE? | | | | YES <input checked="" type="checkbox"/> | NO <input type="checkbox"/> |
| Name of Inspector: | Name of person authenticating this report: | | Signature & Stamp: | | |
| AIZAZ FARHAT | ASHRAF ELSAID | | | | |
| Date of Next Through Examination: | 01-12-2024 | | | | |

REV: 01 Dated: 20 June 2022

THIS IS TO CERTIFY THAT; a competent person did attend the above-mentioned owner's work location on the date shown above and the equipment described in this report was tested & inspected as per the requirements of Lifting Operations Lifting Equipment Regulation "LOLER". The result was found Satisfactory at the time of Inspection and considered Safe for Lifting.



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CERTIFICATE OF THOROUGH EXAMINATION

This Certificate complies with the requirements of the Lifting Equipment Operations and Lifting Equipment Regulations

| | | | | | |
|-----------------------------|--------------------|------------------------|-------------|------------------------|-----------------------------|
| Date of Examination: | 02-06-2024 | Date of Report: | 02-06-2024 | Certificate No: | QC-Halliburton-2024-0236-09 |
| Client Name: | Halliburton Sperry | Location: | Sperry Yard | Job Number: | QC-Halliburton-2024-0236 |

| Serial Number: | QTY | Description | SWL | Date of manufacture if known: | Date of last thorough examination |
|----------------|-----|---|---------|-------------------------------|-----------------------------------|
| AZ420 | 04 | SAFETY PIN BOW SHACKLE SIZE: 1" GRADE: 6 MANUFACTURE: MCKAT S.F: 6:1 | 8.5 TON | N/A | 15-07-2023 |

| | |
|----------------------------|--|
| Reference Standard: | BS EN 13889 / HAL DOC: WM-GL-HAL-HSE-0420F & WM-GL-HAL-HSE-0420C REV 1 |
|----------------------------|--|

| | | | | | | | | |
|---|-----|----|---|--|-----|---|----|---|
| Is this the first examination after Installation or assembly at a new site or location? | YES | NO | ✓ | Was the examination carried out: Within an interval of 6 months? With an interval of 12 months? In accordance with an examination scheme? After the occurrence of exceptional circumstances? | YES | ✓ | NO | ✓ |
| | YES | NO | | | YES | ✓ | NO | ✓ |
| If the answer to the above question is YES has the equipment been installed correctly? | YES | NO | | | YES | ✓ | NO | ✓ |

Identification of any part found to have a defect which is or could not become a danger to persons and a description of the defect: (If none state NONE) **NONE**

Is the above a defect which is of immediate danger to persons: YES NO

Is the above a defect which is not yet but could become a danger to persons (If YES state the date by when) YES by: _____

Particulars of any repair, renewal or alteration required to remedy the defect identified above:

Particulars of any tests carried out as part of the examination: (If none state NONE)

The subject Items were inspected Visually and dimensionally where no signs of defects were observed at the time of inspection and found satisfactory

IS THIS EQUIPMENT SAFE TO OPERATE? YES NO

| | | | |
|--|---|-------------------------------|--|
| Name of Inspector: | Name of person authenticating this report: | Signature & Stamp: | |
| AIZAZ FARHAT | ASHRAF ELSAID | | |
| Date of Next Through Examination: | 01-12-2024 | | |

REV: 01 Dated: 20 June 2022

THIS IS TO CERTIFY THAT; a competent person did attend the above-mentioned owner's work location on the date shown above and the equipment described in this report was tested & inspected as per the requirements of Lifting Operations Lifting Equipment Regulation "LOLER". The result was found Satisfactory at the time of Inspection and considered Safe for Lifting.

