

AI TAKAMUL COMPANY FOR ENGINEERING TESTS AND PROFESSIONAL SAFETY LIMITED

Basra, North Rumaila, Quality Control Yard - Iraq

Tel: +9647810009138 / +9647834964657

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

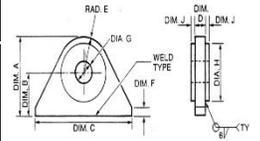
Date of Examination:	22-06-2025	Date of Report:	22-06-2025	Certificate No:	QC-B-06-25-0373-01
Client Name:	Halliburton Sperry	Location:	HH029	Job Number:	QC-B-06-25-0373

Last Inspection	Last Proof Load Test Date	Next Proof Load Test Due
31-12-2024	10-2008	AFTER REPAIR OR RECTIFICATION

Serial Number:	QTY	Description	SWL
SAP No: 11205642 S.No: SDL-377	1	<p align="center"><u>MUD LOGGING UNIT</u></p> <p>Dimension: 8.00 m (L) x 2.90 m (W) x 2.75 m (H)</p> <p>FULLY WELDED STEEL CONSTRUCTION WITH FOUR TOP MOUNTED LIFTING POINTS</p> <p>TARE WEIGHT: 10700 KG</p> <p>GROSS WEIGHT: 13000 KG</p>	2300 KG

Reference Standard:	DNV 2.7-1/ HAL DOC: WM-GL-HAL-HSE-0420F & WM-GL-HAL-HSE-0420C REV 1
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Pad Eyes Dimension:	Thickness:	Pin Hole:	Length:	Height:
	38 mm	29 mm	130 mm	115 mm



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?	YES	NO	✓
					With an interval of 12 months?	YES	NO
If the answer to the above question is YES has the equipment been installed correctly?	YES	NO		In accordance with an examination scheme? After the occurrence of exceptional circumstances?	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**

**** MPI was carried out on the pad eyes Welding Areas and found satisfactory**

IS THIS EQUIPMENT SAFE TO OPERATE? YES NO

Name of Inspector:	Name of person authenticating this report:	Signature & Stamp:	
Khalid Mahmoud	ASHRAF ELSAID		
Date of Next Through Examination:	21-12-2025		

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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CERTIFICATION OF VISUAL, THOROUGH EXAMINATION & MAGNETIC PARTICLE INSPECTION			
Client:	HALLIBURTON SPERRY	Report No:	QC-B-06-25-0373-02
Location:	HH029	Job Number:	QC-B-06-25-0373
Date:	22-Jun-2025	Next Inspection Date:	21-Dec-2025
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-377 S.NO:11205642
		UNIT DIM:	8.00 m (L) x 2.90 m (W) x 2.75 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:	AC-Yoke Test Block	Equipment:	Digital Lux Meter	Equipment:	AC/DC Yoke	INSPECTOR NAME: Khalid Mahmoud		SENIOR INSPECTOR:	NAVEED HUSSAIN
S.No:	1657	S.No:	2722003	S.No:	201504052			QUALIFICATION: ASNT LEVEL II MT & PT & VT	SUPERVISOR:
Cal Due Date:	7-Oct-2025	Cal Due Date:	9-Oct-2025	Cal Due Date:	7-Oct-2025	STAMP & SIGNATURE:		CLIENT:	
Black Magnetic Ink Manufacture:	Magnaflux	Batch No:	230604	Expiry Date:	MAY.2026				
Whie Contrast Paint Manufacture:	Magnaflux	Batch No:	230408	Expiry Date:	APRIL,2026				
Technical Details:	Magnetic Partical Concentration	Method		WMPT Light Intensity					
	1.2 to 2.4 ml/100 ml	Wet Magnetic Particle Testing (WMPT)		3670 Lux					
Cal Due Date:13.APRIL.2025	Black Magnetic Ink Concentration 7 HF	1.2 to 2.4 ml/100 ml		EXPIRE DATE:	1-Jul-2025				

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-B-06-25-0373-03
Location:	HH029	Job Number:	QC-B-06-25-0373
Date:	22-Jun-2025	Next Inspection Date:	21-Dec-2025
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-377 S.NO:11205642
		UNIT DIM:	8.00 m (L) x 2.90 m (W) x 2.75 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: Khalid Mahmoud		SENIOR INSPECTOR:	NAVEED HUSSAIN	
S.No:	1657	S.No:	2722003	S.No:	201504052			QUALIFICATION: ASNT LEVEL II MT & PT & VT	SUPERVISOR:	ASHRAF ELSAID
Cal Due Date:	7-Oct-2025	Cal Due Date:	9-Oct-2025	Cal Due Date:	7-Oct-2025			STAMP & SIGNATURE:	CLIENT:	
Black Magnetic Ink Manufacture:	Magnaflux	Batch No:	230604	Expiry Date:	MAY.2026					
Whie Contrast Paint Manufacture:	Magnaflux	Batch No:	230408	Expiry Date:	APRIL,2026					
Technical Details:	Magnetic Partical Concentration		Method		WMPT Light Intensity					
	1.2 to 2.4 ml/100 ml		Wet Magnetic Particle Testing (WMPT)		3670 Lux					
Cal Due Date:13.APRIL.2025	Black Magnetic Ink Concentration 7 HF		1.2 to 2.4 ml/100 ml		EXPIRE DATE:	1-Jul-2025				

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Date of Examination:	22-06-2025	Date of Report:	22-06-2025	Certificate No:	QC-B-06-25-0373-04
Client Name:	Halliburton Sperry	Location:	HH029	Job Number:	QC-B-06-25-0373

Serial Number:	QTY	Description	SWL	Date of manufacture if known:	Date of last thorough examination
SP01 SP02 SP03 SP04	04	<p><u>SAFETY PIN BOW SHACKLE</u></p> <p>SIZE: 1"</p> <p>GRADE: 6</p> <p>MANUFACTURE: MCKAT</p> <p>S.F: 6:1</p> <p>Location: Attached with Mud Logging Unit NO. 11205642</p>	8.5 TON	N/A	31-12-2024

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?	YES	✓	NO	✓
					With an interval of 12 months?	YES		NO
If the answer to the above question is YES has the equipment been installed correctly?	YES	NO		In accordance with an examination scheme? After the occurrence of exceptional circumstances?	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:	
Khalid Mahmoud	ASHRAF ELSAID		
Date of Next Through Examination:	21-12-2025		

REV: 01 Dated: 20 June 2022

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Date of Examination:	22-06-2025	Date of Report:	22-06-2025	Certificate No:	QC-B-06-25-0373-05
Client Name:	Halliburton Sperry	Location:	HH029	Job Number:	QC-B-06-25-0373

Serial Number:	QTY	Description	SWL	Date of manufacture if known:	Date of last thorough examination
CJ397	01	<p><u>4 LEGS WIRE ROPE SLING</u></p> <p>Manufacture: SAFETY MARINE Dim: 28 MM(DIA) x 6.00 M (L)</p> <p>IWRC MECHANICALLY SPLICED WITH STEEL FERRULE C/W MASTER LINK ASSEMBLY HARD EYE BOTH ENDS S.F: 5:1 Location: Attached with Mud Logging Unit NO. 11205642</p>	13 TON 0-45° Angle	N/A	31-12-2024

Reference Standard: BS EN 13414-1/ 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	✓
	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**

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