

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:	23/07/2024	Date of Report:	23/07/2024	Certificate No:	QC-24/-CMT-2307-01
Client Name:	HALLIBURTON	Location:	CMT	Job Number:	230724
Serial Number:	QTY	Description	SWL	Date of manufacture if known:	Date of last thorough examination
L3766 L3767 L3768 L3769	04	SINGLE LEG WIRE ROPE SLING Dimension: 6 m (L) X 32 MM (Dia) Manufacture: Safety Marine IWRC, Mechanically Spliced with Aluminum Ferrule Soft Eye X Soft Eye F.O.S: 5:1	19 T	N/A	20/05/2023
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?	
				☐ YES ☒ NO ☐ ☐	
If the answer to the above question is YES has the equipment been installed correctly?		☐ YES ☒ NO ☐ ☐		With an interval of 12 months?	
				☐ YES ☒ NO ☐ ☐	
				In accordance with an examination scheme?	
				☐ YES ☒ NO ☐ ☐	
				After the occurrence of exceptional circumstances?	
				☐ 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) N/A					
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:		Client Signature & Stamp:		
KHALED MAHMOUD	MOHAMED ABDALLAH				
Date of Next Through Examination:	22/01/2025				

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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Date of Examination:	23/07/2024	Date of Report:	23/07/2024	Certificate No:	QC-24/-CMT-2307-03
Client Name:	HALLIBURTON	Location:	CMT	Job Number:	230724
Serial Number:	QTY	Description	SWL	Date of manufacture if known:	Date of last thorough examination
J16 J20	02	<u>SAFETY PIN BOW SHACKLES</u> Manufacturer: MCKAT SIZE: 7/8" GRAD: 6. F.O.S: 6:1	6.5 T	N/A	20/05/2023
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:	
				☐ YES ☒ √ ☐ NO ☐ √	
If the answer to the above question is YES has the equipment been installed correctly?		☐ YES ☒ NO ☐ √		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 ☐ √	
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)				N/A	
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:		Client Signature & Stamp:		
KHALED MAHMOUD	MOHAMED ABDALLAH				
Date of Next Through Examination:	22/01/2025				

REV: 01 Dated: 20 June 2022

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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:	23/07/2024	Date of Report:	23/07/2024	Certificate No:	QC-24/-CMT-2307-04
Client Name:	HALLIBURTON	Location:	CMT	Job Number:	230724

Serial Number:	QTY	Description	SWL	Date of manufacture if known:	Date of last thorough examination
L8754	01	<u>SAFETY PIN BOW SHACKLES</u> Manufacturer: GT SIZE: 1" GRAD: 6. F.O.S: 6:1	8.5 T	N/A	20/05/2023

Reference Standard:	BS EN 13889/ HAL DOC: WM-GL-HAL-HSE-0420F & WM-GL-HAL-HSE-0420C REV 1
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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 ☐ YES ☐ NO ☒
If the answer to the above question is YES has the equipment been installed correctly?	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) N/A

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:	Client Signature & Stamp:	
KHALED MAHMOUD	MOHAMED ABDALLAH		
Date of Next Through Examination:	22/01/2025		

REV: 01 Dated: 20 June 2022

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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:	23/07/2024	Date of Report:	23/07/2024	Certificate No:	QC-24/-CMT-2307-05
Client Name:	HALLIBURTON	Location:	CMT	Job Number:	230724
Serial Number:	QTY	Description	SWL	Date of manufacture if known:	Date of last thorough examination
DJ11	01	<u>SAFETY PIN BOW SHACKLES</u> Manufacturer: J&L SIZE: 1 1/4" GRAD: 6. F.O.S: 6:1	12 T	N/A	20/05/2023
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:	
				☐ YES ☒ √ ☐ NO ☐ √	
If the answer to the above question is YES has the equipment been installed correctly?		☐ YES ☒ NO ☐ √		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 ☐ √	
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)				N/A	
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:		Client Signature & Stamp:		
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Date of Next Through Examination:	22/01/2025				

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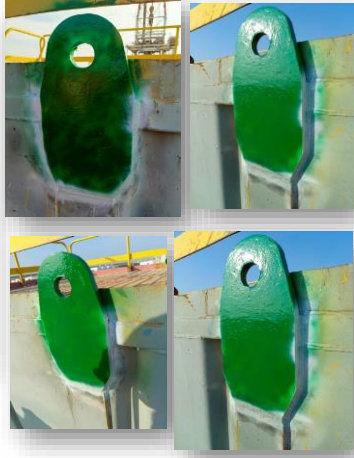
CERTIFICATION OF VISUAL, THOROUGH EXAMINATION & MAGNETIC PARTICLE INSPECTION

Client:	HALLIBURTON (CMT)	Report No:	QC/24/HALL-CMT-JULY-002									
Location:	CMT YARD	Job Number:	QC-24/HALL-CMT-001									
Date:	Tuesday, July 23, 2024	Next Inspection Date:	Wednesday, January 22, 2025									
Type Of Inspection:	VISUAL , THOROUGH EXAMINATION & MAGNETIC PARTICLE INSPECTION	Specification:	ASTM E709 & ASTM E 1444 (2016) ASME V Article 7 (2019)									
		UNIT DESCRIPTION:	Skid Water Tank Lifting Lugs									
		UNIT S/N:	11730286									
		MAX GROSS WEIGHT	14TON									
		LIFTING LUGS QTY:	04									
		UNIT DIM:	L:- 1.2 M X W:- 3.35 M X H:- 3.30 M									
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: M. Abdullah		SUPERVISOR:	ASHRAF ELSAID			
S.No:	1657	S.No:	2722003	S.No:	201504052							
Cal Due Date:	14-Oct-24	Cal Due Date:	16-Oct-24	Cal Due Date:	14-Oct-24							
Black Magnetic Ink Manufacture:	Magnaflux	Batch No:	220605	Expiry Date:	JULY,2025	QUALIFICATION ASNT LEVEL II MT & PT & VT		CLIENT:				
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)		3630 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 (CMT)	Report No:	QC/24/HALL-CMT-JULY-002B				
Location:	CMT YARD	Job Number:	QC-24/HALL-CMT-001				
Date:	Tuesday, July 23, 2024	Next Inspection Date:	Wednesday, January 22, 2025				
Type Of Inspection:	VISUAL , THOROUGH EXAMINATION & MAGNETIC PARTICLE INSPECTION		Specification:	ASTM E709 & ASTM E 1444 (2016) ASME V Article 7 (2019)			
 			UNIT DESCRIPTION:		Skid Water Tank Lifting pad eyes		
			UNIT S/N:		11730286		
			MAX GROSS WEIGHT		14TON	LIFTING pad eyes QTY:	04
			UNIT DIM:		L:- 1.2 M X W:- 3.35 M X H:- 3.30 M		
			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: M. Abdullah		SUPERVISOR:	ASHRAF ELSAID
S.No:	1657	S.No:	2722003	S.No:	201504052				
Cal Due Date:	14-Oct-24	Cal Due Date:	16-Oct-24	Cal Due Date:	14-Oct-24			QUALIFICATION ASNT LEVEL II MT & PT & VT	CLIENT:
Black Magnetic Ink Manufacture:	Magnaflux	Batch No:	220605	Expiry Date:	JULY,2025				
Whie Contrast Paint Manufacture:	Magnaflux	Batch No:	220602	Expiry Date:	JUN,2025				
Technical Details:		Magnetic Partical Concentration		Method		WMPT Light Intensity			
		1.2 to 2.4 ml/100 ml		Wet Magnetic Particle Testing (WMPT)		3630 Lux		STAMP & SIGNATURE:	

Original - Client Files Copy - Area Office QC/FN/MPI/065 Rev.00 DATED 07 Nov 2021



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