








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 TSS	Report No:	QC-Halliburton-2024-0335-13			
Location:	TSS YARD	Job Number:	QC-Halliburton-2024-0335			
Date:	19-Sep-2024	Next Inspection Date:	18-Mar-2025			
Type Of Inspection:	VISUAL , THOROUGH EXAMINATION & MAGNETIC PARTICLE INSPECTION	Specification:	ASTM E709 & ASTM E 1444 (2016) ASME V Article 7 (2019)			
 <div style="display: flex; justify-content: space-around;">   </div> <div style="display: flex; justify-content: space-around;">   </div>		UNIT DESCRIPTION:	CYLINDER BASKET SKID LIFTING PAD EYES			
		UNIT S/N:	HB-PB-103			
		PAD EYES S/N	QTY	PADEYE DIM	MGW	REMARK
		P1 P2 P3 P4	4	Thickness :- 12 mm Pin Hole :- 25 mm Length :- 75 mm Height :- 140 mm	1000 KG	Satisfactory
		INSPECTION RESULT :				
VISUAL , THOROUGH EXAMINATION		Unit fully inspected and found free from deforms, cracks, corrosion & mechanical damage				
MAGNETIC PARTICLE INSPECTION		Weldings associate with padeyes and critical areas are 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		SENIOR INSPECTOR:	MAHMOUD ALI
S.No:	1657	S.No:	2722003	S.No:	201504052		SUPERVISOR:	ASHRAF ELSAID
Cal Due Date:	14-Oct-2024	Cal Due Date:	16-Oct-2024	Cal Due Date:	14-Oct-2024		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			
Original - Client Files		Copy - Area Office		QC/FN/MPI/065 Rev.00 DATED 07 Nov 2021				

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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:	19-09-2024	Date of Report:	19-09-2024	Certificate No:	QC-Halliburton-2024-0335-14
Client Name:	HALLIBURTON TSS	Location:	TSS YARD	Job Number:	QC-Halliburton-2024-0335

Serial Number:	QTY	Description	SWL	Date of manufacture if known:	Date of last thorough examination
D8884 D8888 D8889	03	<u>SAFETY PIN BOW SHACKLE</u> SIZE: 5/8" GRADE: 6 MANUFACTURE: CROSBY S.F: 6:1 Location: Attached With Cylinder Basket No :HB-PB103	3.25 TON	N/A	27/03/2024

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? With an interval of 12 months? In accordance with an examination scheme? After the occurrence of exceptional circumstances?	YES	✓	NO	✓
	YES	NO	✓		YES	✓	NO	✓
Is 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) 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:	Signature & Stamp:	
MOHAMED ABDULLAH	ASHRAF ELSAID		
Date of Next Through Examination:	18-03-2025		

REV: 01 Dated: 20 June 2022

10

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:	19-09-2024	Date of Report:	19-09-2024	Certificate No:	QC-Halliburton-2024-0335-15
Client Name:	HALLIBURTON TSS	Location:	TSS YARD	Job Number:	QC-Halliburton-2024-0335

Serial Number:	QTY	Description	SWL	Date of manufacture if known:	Date of last thorough examination
SWN2068C	01	<p><u>SAFETY PIN BOW SHACKLE</u></p> <p>SIZE: 5/8"</p> <p>GRADE: 6</p> <p>MANUFACTURE: CROSBY</p> <p>S.F: 6:1</p> <p>Location: Attached With Cylinder Basket No :HB-PB103</p>	3.25 TON	N/A	27/03/2024

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	✓
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

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Date of Examination:	19-09-2024	Date of Report:	19-09-2024	Certificate No:	QC-Halliburton-2024-0335-16
Client Name:	HALLIBURTON TSS	Location:	TSS YARD	Job Number:	QC-Halliburton-2024-0335

Serial Number:	QTY	Description	SWL	Date of manufacture if known:	Date of last thorough examination
F00-080512-2	01	<p>4 LEGS WIRE ROPE SLING</p> <p>Dimension: 2.5 m (L) X 16 MM (Dia)</p> <p>Manufacture: Safety Marine</p> <p>IWRC, Mechanically Spliced with Aluminum Ferrule</p> <p>Hard Eye Both Ends</p> <p>F.O.S: 5:1</p> <p>Location: Attached With Cylinder Basket No :HB-PB103</p>	7.7 TON at 0-45° Angle	N/A	27-03-2024

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	√
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:	Signature & Stamp:	
MOHAMED ABDULLAH	ASHRAF ELSAID		
Date of Next Through Examination:	18-03-2025		

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