

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

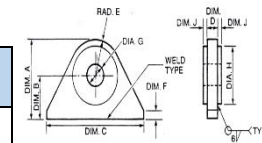
This Certificate complies with the requirements of the Lifting Equipment Operations and Lifting Equipment Regulations

Date of Examination:	19-09-2024	Date of Report:	19-09-2024	Certificate No:	QC-Halliburton-2024-0335-04
Client Name:	HALLIBURTON TSS	Location:	TSS YARD	Job Number:	QC-Halliburton-2024-0335
Last Inspection		Last Proof Load Test Date		Next Proof Load Test Due	
27-03-2024		04-06-2021		AFTER ANY REPAIR/MODIFICATION	

Serial Number:	QTY	Description	SWL
12561696	01	<p>PIPE RACK</p> <p>Dimension: 3.50 m (L) x 1.52 m (W) x 2.15 m (H) Fully Welded Steel Construction with Four Top Mounted Pad eyes Tare Weight: 1600 Kg Maximum Gross Weight: 7300 Kg</p>	5700 KG

Reference Standard: BS7072\ HAL DOC: WM-GL-HAL-HSE-0420F & WM-GL-HAL-HSE-0420C REV1

Pad Eyes Dimension:	Thickness:	Pin Hole:	Length:	Height:
	26 mm	25 mm	140 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	✓
					Was the examination carried out: 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:	
MOHAMED ABDULLAH	ASHRAF ELSAID		
Date of Next Through Examination:	18-03-2025		

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 TSS	Report No:	QC-Halliburton-2024-0335-04A
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)
		UNIT DESCRIPTION:	PIPE RACK PAD EYES
		UNIT S/N:	SAP NO : 12561696
		UNIT DIM :	3.50 m (L) x 1.52 m (W) x 2.15 m (H)
		Gross Weight:	7300 Kg
		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:	MAHMOUD ALI
S.No:	1657	S.No:	2722003	S.No:	201504052	MOHAMED ABDULLAH		SUPERVISOR:	ASHRAF ELSAID
Cal Due Date:	14-Oct-2024	Cal Due Date:	16-Oct-2024	Cal Due Date:	14-Oct-2024	QUALIFICATION		CLIENT:	
Black Magnetic Ink Manufacture:	Magnaflux	Batch No:	220605	Expiry Date:	JULY.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)		3630 Lux				
Original - Client Files Copy - Area Office QC/FN/MPI/065 Rev.00 DATED 07 Nov 2021									

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Date of Examination:	19-09-2024	Date of Report:	19-09-2024	Certificate No:	QC-Halliburton-2024-0335-05
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
SH4 D9683 D9685 D9679	04	<u>SAFETY PIN BOW SHACKLE</u> SIZE: 3/4" GRADE: 6 MANUFACTURE: CROSBY S.F: 6:1 Location: Attached With Pipe Rack No : 12561696	4.75 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

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Date of Examination:	19-09-2024	Date of Report:	19-09-2024	Certificate No:	QC-Halliburton-2024-0335-06
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
D9712	01	<p><u>4 LEGS WIRE ROPE SLING</u></p> <p>Manufacture: Safety Marine S.F: 5:1 Dim: 20 MM DIA x3M (L)</p> <p>IWRC, MECHANICALLY SPLICED WITH STEEL FERRULE C/W MASTER LINK ASSEMBLY HARD EYE BOTH ENDS</p> <p>Location: Attached With Pipe Rack SAP No :12561696</p>	9.8 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?	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 Sate NONE) NONE

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