





**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-2024-0335-01A
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 : 12561690	
	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 ASNT LEVEL II MT & PT & VT		CLIENT:	
Black Magnetic Ink Manufacture:	Magnaflux	Batch No:	220605	Expiry Date:	JULY.2025	STAMP & SIGNATURE:			
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									

**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-2024-0335-02
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
341082-6-54 074B D9680 D9681	04	<u>SAFETY PIN BOW SHACKLE</u> SIZE: 3/4" GRADE: 6 MANUFACTURE: CROSBY S.F: 6:1 Location: Attached With Pipe Rack No : 12561690	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

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.



**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-2024-0335-03
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
CSO8581	01	<p>4 LEGS WIRE ROPE SLING Manufacture: Safety Marine S.F: 5:1 Dim: 22 MM DIA x2.550M (L) 6X36 IWRC, ROPE GRADE 1770 N/MM2 GALV MECHANICALLY SPLICED WITH ALUMINUM FERRULE CORE WITH C/W MASTER LINK ASSEMBLY HARD EYE BOTH ENDS Location: Attached With Pipe Rack SAP No :12561690</p>	9.975 TON at 0-45° Angle	N/A	08-04-2024

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

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

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.

