

**AI TAKAMUL COMPANY FOR ENGINEERING TESTS
AND PROFESSIONAL SAFETY LIMITED**

Basra, North Rumaila, Quality Control Yard - Iraq

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CERTIFICATE OF THOROUGH EXAMINATION

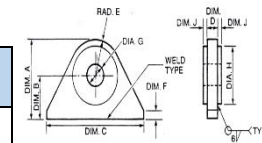
This Certificate complies with the requirements of the Lifting Equipment Operations and Lifting Equipment Regulations

Date of Examination:	19-09-2024	Date of Report:	19-09-2024	Certificate No:	QC-Halliburton-2024-0335-07
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		25-11-2021		AFTER ANY REPAIR/MODIFICATION	

Serial Number:	QTY	Description	SWL
12561695	01	PIPE RACK 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	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	✓
					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-2024-0335-07A
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 : 12561695
		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									