

**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

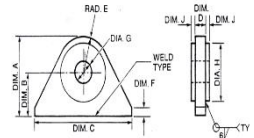
This Certificate complies with the requirements of the Lifting Equipment Operations and Lifting Equipment Regulations

Date of Examination:	29/05/2025	Date of Report:	29/05/2025	Certificate No:	QC-25-TSS-2905-007A
Client Name:	HALLIBURTON	Location:	TSS YARD	Job Number:	29052025

Last Inspection	Last Proof Load Test Date	Next Proof Load Test Due
29/09/2024	11/2022	AFTER ANY REPAIR/MODIFICATION

Serial Number:	QTY	Description
13692936 SAP NO: 102982509	1	<p align="center">PIPE RACK</p> <p>Dimension: 4.6 M (L) X 1.9 M (W) X 1.7 M (H)</p> <p>Fully Welded Steel Construction with Four Top Mounted Pad eyes</p> <p>Tare Weight: 3500 Kg</p> <p>Payload: 5500 kg</p> <p>Maximum Gross Weight: 9000 Kg</p>

Reference Standard:	DNV2.7-1/ HAL DOC: WM-GL-HAL-HSE-0420F & WM-GL-HAL-HSE-0420C REV 1			
Pad Eyes Dimension:	Thickness:	Pin Hole:	Length:	Height:
	38 MM	32 MM	175 MM	180 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) **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**

**** 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:	
ASHRAF ELSAID	MOHAMED ABDALLAH		
Date of Next Through Examination:	28/11/2025		

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-25-TSS-2905-007B	
Location:	TSS YARD	Job Number:	29052025	
Inspection Date:	Thursday, May 29, 2025	Next Inspection Date:	Friday, November 28, 2025	
Type Of Inspection:	VISUAL, THOROUGH EXAMINATION & MAGNETIC PARTICLE INSPECTION	Specification:	ASTM E709-21	
	UNIT DESCRIPTION:	PIPE RACK PAD EYES		
	UNIT S/N:	EQ 13692936		
	UNIT DIM:	4.6 M (L) X 1.9 M (W) X 1.7 M (H)		
	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	THE ABOVE INSPECTED AREAS WAS ACCEPTED			
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:	MOHAMED ABDALLAH
S.No:	1657	S.No:	2722003	S.No:	201504052	QUALIFICATION			
Cal Due Date:	7-Oct-25	Cal Due Date:	9-Oct-25	Cal Due Date:	7-Oct-25	ASNT LEVEL II MT & PT & VT			
Black Magnetic Ink Manufacture:	Magnaflux	Batch No:	230604	Expiry Date:	JUNE.2026	STAMP & SIGNATURE:	CLIENT:		
Whie Contrast Paint Manufacture:	Magnaflux	Batch No:	230408	EXPIRE DATE:	APRIL,2026				
Technical Details:	Magnetic Partical Concentration		Method		WMPT Light Intensity				
	1.2 to 2.4 ml/100 ml		Wet Magnetic Particle Testing (WMPT)		3640 Lux				

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