

**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:	29/09/2024	Date of Report:	29/09/2024	Certificate No:	QC-24-TSS-2909-016A
Client Name:	HALLIBURTON	Location:	TSS YARD	Job Number:	29092024
Last Inspection		Last Proof Load Test Date		Next Proof Load Test Due	
17/04/2024		17/11/2023		16/11/2025	
Serial Number:	QTY	Description			SWL PAYLOAD
IB-14	1	<p align="center"><u>PIPE RACK</u></p> <p>Dimension: 3.50 M (L) x 1.60 M (W) x 1.90 M (H)</p> <p>Fully Welded Steel Construction with Four Top Mounted Pad eyes</p> <p>Tare Weight: 1000 Kg</p> <p>Maximum Gross Weight: 5500 Kg</p>			4500 KG
Reference Standard:	BS 7072/ HAL DOC: WM-GL-HAL-HSE-0420F & WM-GL-HAL-HSE-0420C REV 1				
Pad Eyes Dimension:	Thickness:	Pin Hole:	Length:	Height:	
	21 mm	35 mm	110 mm	116 mm	
Is this the first examination after Installation or assembly at a new site or location?		<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO		Was the examination carried out: Within an interval of 6 months? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO Within an interval of 12 months? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	
If the answer to the above question is YES has the equipment been installed correctly?		<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO		In accordance with an examination scheme? After the occurrence of exceptional circumstances? <input checked="" type="checkbox"/> YES <input type="checkbox"/> 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					
Is the above a defect which is of immediate danger to persons:				YES	<input type="checkbox"/> YES <input checked="" type="checkbox"/> 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	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
Name of Inspector:	Name of person authenticating this report:		Signature & Stamp:		
ASHRAF ELSAID	MOHAMED ABDALLAH				
Date of Next Through Examination:	28/03/2025				

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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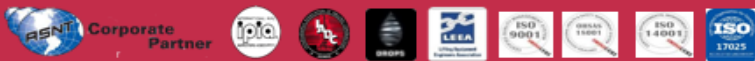


CERTIFICATION OF VISUAL, THOROUGH EXAMINATION & MAGNETIC PARTICLE INSPECTION

Client:	HALLIBURTON TSS	Report No:	QC-24-TSS-2909-016B
Location:	TSS YARD	Job Number:	29092024
Inspection Date:	Sunday, September 29, 2024	Next Inspection Date:	Friday, March 28, 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:	IB-14
		UNIT DIM:	3.50 M (L) x 1.60 M (W) x 1.90 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: ASHRAF ELSAID QUALIFICATION ASNT LEVEL II MT & PT & VT STAMP & SIGNATURE: 	SENIOR INSPECTOR:	MOHAMED ABDALLAH	
S.No:	1657	S.No:	2722003	S.No:	201504052				
Cal Due Date:	14-Oct-24	Cal Due Date:	16-Oct-24	Cal Due Date:	14-Oct-24				
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	CLIENT:			
	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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