

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

Basra, North Rumaila, Quality Control Yard - Iraq

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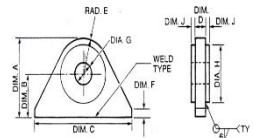
**CERTIFICATE OF THOROUGH EXAMINATION**

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-2909-017A
Client Name:	HALLIBURTON	Location:	TSS YARD	Job Number:	29092024
Last Inspection		Last Proof Load Test Date		Next Proof Load Test Due	
21/03/2024		01/10/2023		30/09/2025	

Serial Number:	QTY	Description
SAP NO:11578999 107050-1	1	<p><b>FLOW HEAD BASKET</b></p> <p>Dimension: 4.82 M (L) X 1.83 M (W) X 1.56 M (H)</p> <p>Fully Welded Steel Construction with Four Top Mounted Pad eyes</p> <p>Tare Weight: 6000 Kg</p> <p>Maximum Gross Weight: 6000 Kg</p>

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:
	32 mm	27 mm	200 mm	150 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 Sate 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:	28/03/2025		

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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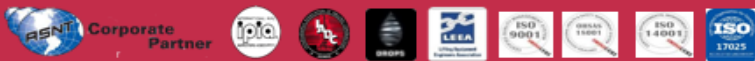


**CERTIFICATION OF VISUAL, THOROUGH EXAMINATION & MAGNETIC PARTICLE INSPECTION**

<b>Client:</b>	HALLIBURTON TSS	<b>Report No:</b>	QC-24-TSS-2909-017B	
<b>Location:</b>	TSS YARD	<b>Job Number:</b>	29092024	
<b>Inspection Date:</b>	Sunday, September 29, 2024	<b>Next Inspection Date:</b>	Friday, March 28, 2025	
<b>Type Of Inspection:</b>	VISUAL , THOROUGH EXAMINATION & MAGNETIC PARTICLE INSPECTION		<b>Specification:</b>	ASTM E709 & ASTM E 1444 (2016) ASME V Article 7 (2019)
		<b>UNIT DESCRIPTION:</b>	FLOW HEAD BASKET PAD EYES	
		<b>UNIT S/N:</b>	107050-1 / SAP NO:11578999	
		<b>UNIT DIM:</b>	4.82 M (L) X 1.83 M (W) X 1.56 M (H)	
		<b>INSPECTION RESULT :</b>		
<b>VISUAL , THOROUGH EXAMINATION</b>		unit fully inspected and found free from deforms, cracks, corrosion & mechanical damage		
<b>MAGNETIC PARTICLE INSPECTION</b>		Welds & forgn areas inspected and found free from cracks and other defects		
<b>FINAL RESULTS</b>		THE ABOVE INSPECTED AREAS WAS ACCEPTED		
<b>COMMENT:</b>				
Magnetic Particle Inspection With A/C Hand Yoke , Black & White Contrast				

EQUIPMENT DETAILS						PERSON DETAILS		REVIEW BY	
<b>Equipment:</b>	AC-Yoke Test Block	<b>Equipment:</b>	Digital Lux Meter	<b>Equipment:</b>	AC/DC Yoke	<b>INSPECTOR NAME:</b> ASHRAF ELSAID  <b>QUALIFICATION</b> ASNT LEVEL II MT & PT & VT  <b>STAMP &amp; SIGNATURE:</b>	<b>SENIOR INSPECTOR:</b>	MOHAMED ABDALLAH	
<b>S.No:</b>	1657	<b>S.No:</b>	2722003	<b>S.No:</b>	201504052				
<b>Cal Due Date:</b>	14-Oct-24	<b>Cal Due Date:</b>	16-Oct-24	<b>Cal Due Date:</b>	14-Oct-24				
<b>Black Magnetic Ink Manufacture:</b>	Magnaflux	<b>Batch No:</b>	220605	<b>Expiry Date:</b>	JULY.2025				
<b>Whie Contrast Paint Manufacture:</b>	Magnaflux	<b>Batch No:</b>	220602	<b>Expiry Date:</b>	JUN,2025				
<b>Technical Details:</b>	<b>Magnetic Partical Concentration</b>		<b>Method</b>		<b>WMPT Light Intensity</b>	<b>CLIENT:</b>			
	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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