

**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 (HPS)	Report No:	QC/24/HALL-HPS-JULY-0098/44 A	
Location:	WQI-583	Job Number:	QC-24/HALL-HPS-0098	
Date:	July 13, 2025	Next Inspection Date:	January 12, 2026	
Type Of Inspection:	VISUAL , THOROUGH EXAMINATION & MAGNETIC PARTICLE INSPECTION		Specification:	ASTM E709 -21 LATEST EDITION



UNIT DESCRIPTION:	FRAC TANK LIFTING LUGS
UNIT S/N:	11972054
UNIT DIM:	11.50 M (L) X 2.50 M (W) X 3.55 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	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: ASHRAF ELSAID		SENIOR INSPECTOR:	MOHAMED ABDALLAH
S.No:	1657	S.No:	2722003	S.No:	201504052				
Cal Due Date:	07-Oct-25	Cal Due Date:	09-Oct-25	Cal Due Date:	07-Oct-25			QUALIFICATION ASNT LEVEL II MT & PT & VT	
Black Magnetic Ink Manufacture:	Magnaflux	Batch No:	230604	Expiry Date:	JUNE.2026				
Whie Contrast Paint Manufacture:	Magnaflux	Batch No:	230408	EXPIRE DATE:	APRIL,2026	STAMP & SIGNATURE:	CLIENT:		
Technical Details:	Magnetic Partical Concentration	Method		WMPT Light Intensity					
	1.2 to 2.4 ml/100 ml	Wet Magnetic Particle Testing (WMPT)		3640 Lux					

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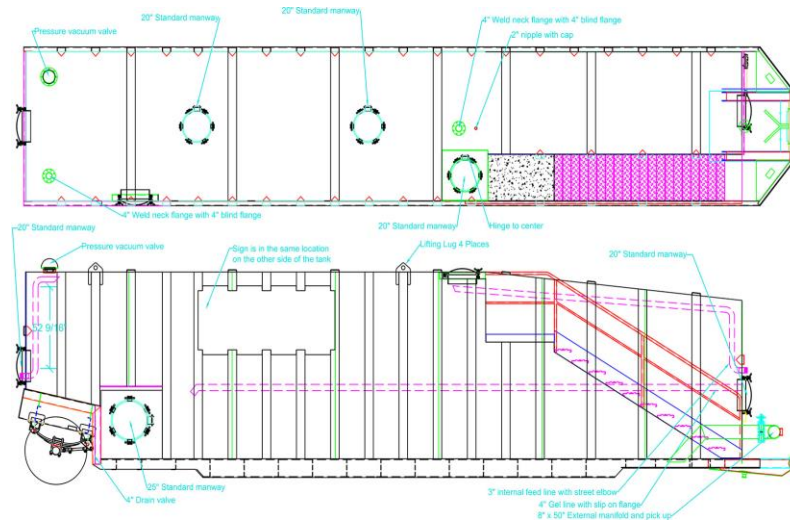


CERTIFICATE OF QUALIFICATION VISUAL INSPECTION AND LEAK TESTING

THIS REPORT COMPLIES WITH RECOGNIZED INTERNATIONAL STANDARDS & TECHNICAL REQUIREMENTS

CLIENT:	HALLIBURTON (HPS)		
LOCATION:	WQ1-583	REPORT No.:	QC/24/HALL-HPS-JULY-0098/44B
STANDARD:	CUSOMER SPECIFICATION	JOB NO:	QC-24/HALL-HPS-0098
INSPECTION DATE:	July 13, 2025	Due Date	January 12, 2026
TYPE OF INSPECTION:	*VISUAL TESTING AND *LEAK TESTING		
DESCRIPTION:	FRAC TANK	SAP NO:	11972054
MEDIUM USED:	WATER	HOLDING TIME:	15 MINUTES

PICTURES



INSPECTION RESULT

VISUAL TESTING:	Visual Testing of Frac Tank did not found Deforms Mechanical Damage, Cracks and Corrosion. At time of Inspection.
LEAK TESTING:	Leak Testing of Frac Tank did not found any leakage during the holding time. At time of Inspection.

Inspection Evaluation

VISUAL TESTING-The above mentioned Frac Tank was found "Satisfactory" Fit for intended used.

LEAK TESTING- The above mentioned Frac Tank was found "Satisfactory" Fit for intended used.

PERSONNEL DETAILS			REVIEW BY		
NAME:	AIZAZ FARHAT		SENIOR INSPECTOR:	ASHRAF ELSAID	CUSTOMER NAME
QUALIFICATION:	ASNT LEVEL II MT,PT,VT		SUPERVISOR:	HANI ALI	
STAMP & SIGNATURE:			DATE:		

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



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