

**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**

<b>Client:</b>	HALLIBURTON (HPS)	<b>Report No:</b>	QC-24-10-HPS-NDT-037A
<b>Location:</b>	WQ1-562	<b>JOB NO:</b>	181024
<b>Inspection Date:</b>	Tuesday, October 22, 2024	<b>Next Inspection Date:</b>	Monday, April 21, 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>	FRAC TANK LIFTING LUGS	
	<b>UNIT S/N:</b>	12477200	
	<b>UNIT DIM:</b>	13.50 M (L) X 2.60 M (W) X 3.65 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>SUPERVISOR:</b> HANI ALI  <b>CLIENT:</b>		
<b>S.No:</b>	1657	<b>S.No:</b>	2722003	<b>S.No:</b>	201504052				
<b>Cal Due Date:</b>	11-Apr-25	<b>Cal Due Date:</b>	13-Apr-25	<b>Cal Due Date:</b>	11-Apr-25				
<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>				
	1.2 to 2.4 ml/100 ml		Wet Magnetic Particle Testing (WMPT)		3670 Lux				

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

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Basra, North Rumaila, Quality Control Yard - Iraq

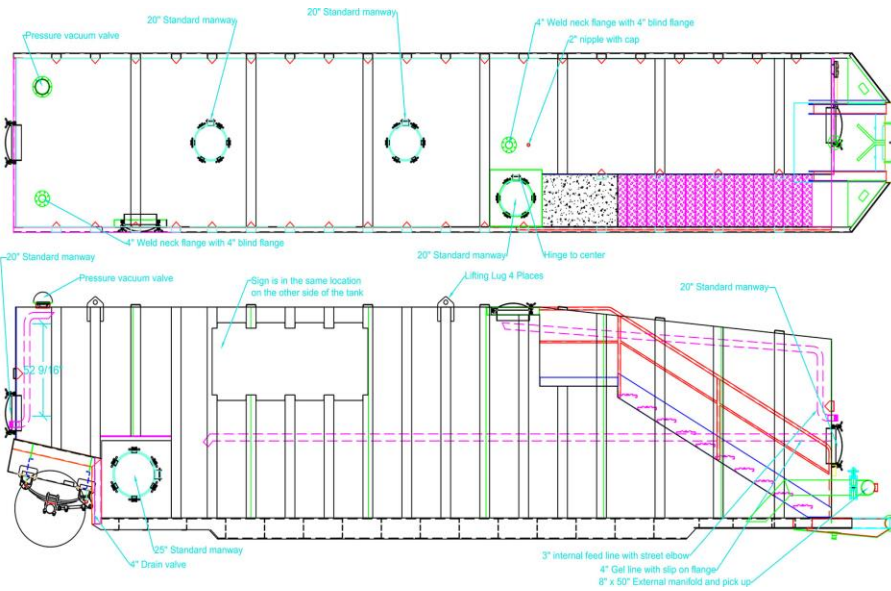


## CERTIFICATE OF QUALIFICATION VISUAL INSPECTION AND LEAK TESTING

THIS REPORT COMPLIES WITH RECOGNIZED INTERNATIONAL STANDARDS & TECHNICAL REQUIREMENTS

CLIENT:	<b>HALLIBURTON (HPS)</b>	REPORT No.:	QC-24-10-HPS-VT & LEAK -37B
LOCATION:	WQ1-562	STANDARD:	CUSOMER SPECIFICATION
INSPECTION DATE:	Tuesday, October 22, 2024	NEXT INSPECTION DATE	<b>Monday, April 21, 2025</b>
TYPE OF INSPECTION:	<b>*VISUAL INSPECTION AND *LEAK TESTING</b>		
DESCRIPTION:	<b>FRAC TANK</b>	SAP NO:	<b>12477200</b>
MEDIUM USED:	<b>WATER</b>	HOLDING TIME:	<b>15 MINUTES</b>

### PICTURES



### INSPECTION RESULT

<b>VISUAL TESTING:</b>	Visual Testing of Frac Tank did not found Deforms Mechanical Damage, Cracks and Corrosion. At time of Inspection.
<b>LEAK TESTING:</b>	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	
INSPECTOR NAME: ASHRAF ELSAID		SENIOR INSPECTOR:	MOHAMED ABDALLAH
QUALIFICATION: ASNT LEVEL II MT,PT,VT		SUPERVISOR:	HANI ALI
STAMP & SIGNATURE:		CUSTOMER NAME	

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