






CERTIFICATION OF VISUAL, THOROUGH EXAMINATION & MAGNETIC PARTICLE INSPECTION											
Client:		HALLIBURTON (HPS)			Report No:		QC/24/HALL-HPS-APRIL-002A				
Location:		HPS YARD			Job Number:		QC-24/HALL-HPS-001				
Date:		Tuesday, April 16, 2024			Next Inspection Date:		Tuesday, October 15, 2024				
Type Of Inspection:		VISUAL , THOROUGH EXAMINATION & MAGNETIC PARTICLE INSPECTION			Specification:		ASTM E709 & ASTM E 1444 (2016) ASME V Article 7 (2019)				
 					UNIT DESCRIPTION:		FRAC TANK LIFTING LUGS				
					UNIT S/N:		12477200				
					UNIT DIM:		13.50 M (L) X 2.60 M (W) X 3.65 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	
S.No:		1657		S.No:		2722003		S.No:		201504052	
Cal Due Date:		12-Aug-24		Cal Due Date:		14-Aug-24		Cal Due Date:		12-Aug-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		STAMP & SIGNATURE:		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											

AI TAKAMUL COMPANY FOR ENGINEERING TESTS  
AND PROFESSIONAL SAFETY LIMITED

Basra, North Rumaila, Quality Control Yard - Iraq

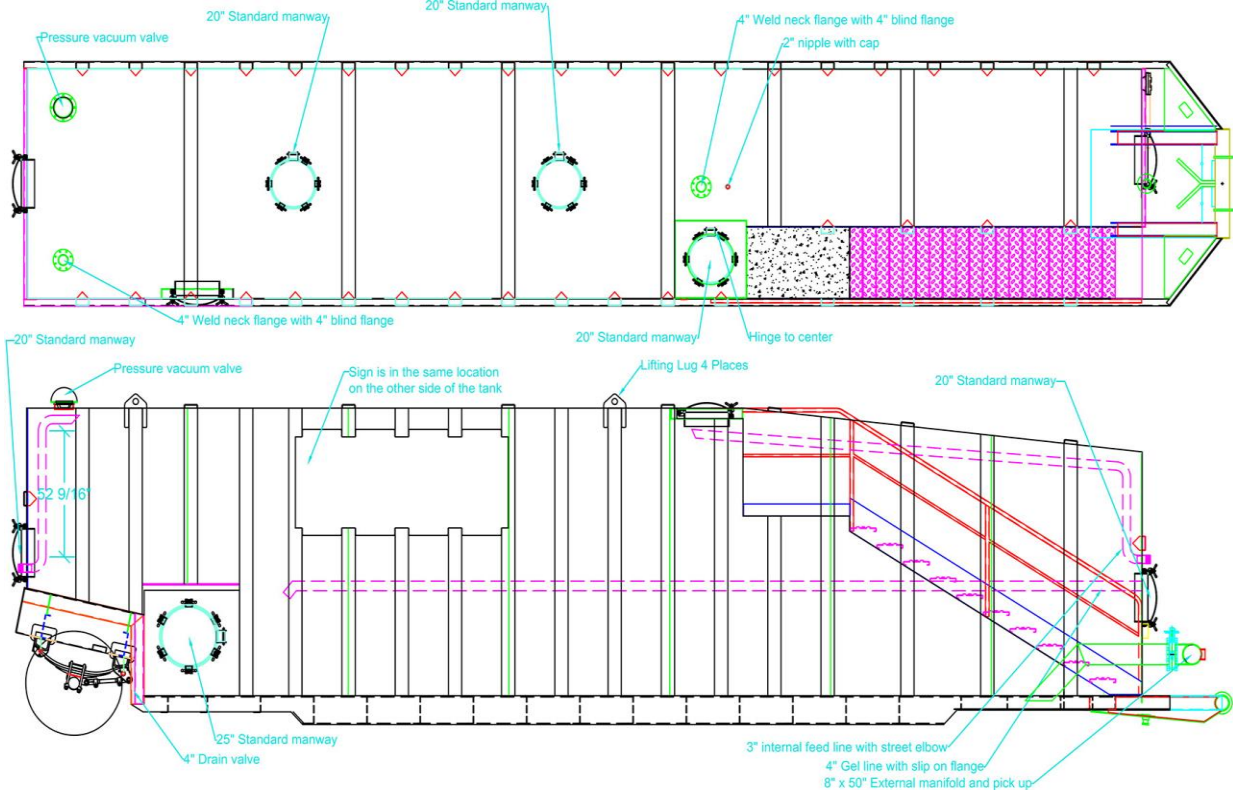


CERTIFICATE OF QUALIFICATION VISUAL INSPECTION AND LEAK TESTING

THIS REPORT COMPLIES WITH RECOGNIZED INTERNATIONAL STANDARDS & TECHNICAL REQUIREMENTS

CLIENT:	HALLIBURTON (HPS)		
LOCATION:	HPS YARD	REPORT No.:	QC-24-HALL-HPS-April- VT & LEAK -002B
STANDARD:	CUSOMER SPECIFICATION	JOB NO:	QC-24/HALL-HPS-001
INSPECTION DATE:	Tuesday, April 16, 2024	Due Date	Tuesday, October 15, 2024
TYPE OF INSPECTION:	*VISUAL TESTING AND *LEAK TESTING		
DESCRIPTION:	FRAC TANK	SAP NO:	12477200
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:	Usman Shabbir		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/MPI/065    Rev.00    DATED 07 NOV 2021



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