













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-APRIL-008A											
Location:		HPS YARD				Job Number:		QC-24/HALL-HPS-001											
Date:		Wednesday, April 17, 2024				Next Inspection Date:		Wednesday, October 16, 2024											
Type Of Inspection:		VISUAL , THOROUGH EXAMINATION & MAGNETIC PARTICLE INSPECTION				Specification:		ASTM E709 & ASTM E 1444 (2016) ASME V Article 7 (2019)											
<div></div>						UNIT DESCRIPTION:		FRAC TANK LIFTING LUGS											
						UNIT S/N:		13253285											
						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		INSPECTOR NAME: Usman Shabbir		SENIOR INSPECTOR:		ASHRAF ELSAID			
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		QUALIFICATION ASNT LEVEL II MT & PT & VT		SUPERVISOR:		HANI ALI			
Black Magnetic Ink Manufacture:		Magnaflux		Batch No:		220605		Expiry Date:		JULY.2025									
Whie Contrast Paint Manufacture:		Magnaflux		Batch No:		220602		Expiry Date:		JUN,2025		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)		3630 Lux													
Original - Client Files Copy - Area Office QC/FN/MPI/065 Rev.00 DATED 07 Nov 2021												        				Address; Noth Rumaila, AI Takamul Yard Contact: +9647810009138			
Tel: +9647810009138 / +9647834964657 Email: OP@qualitycontrol-iraq.com / hany.akafi@qualitycontrol-iraq.com																			

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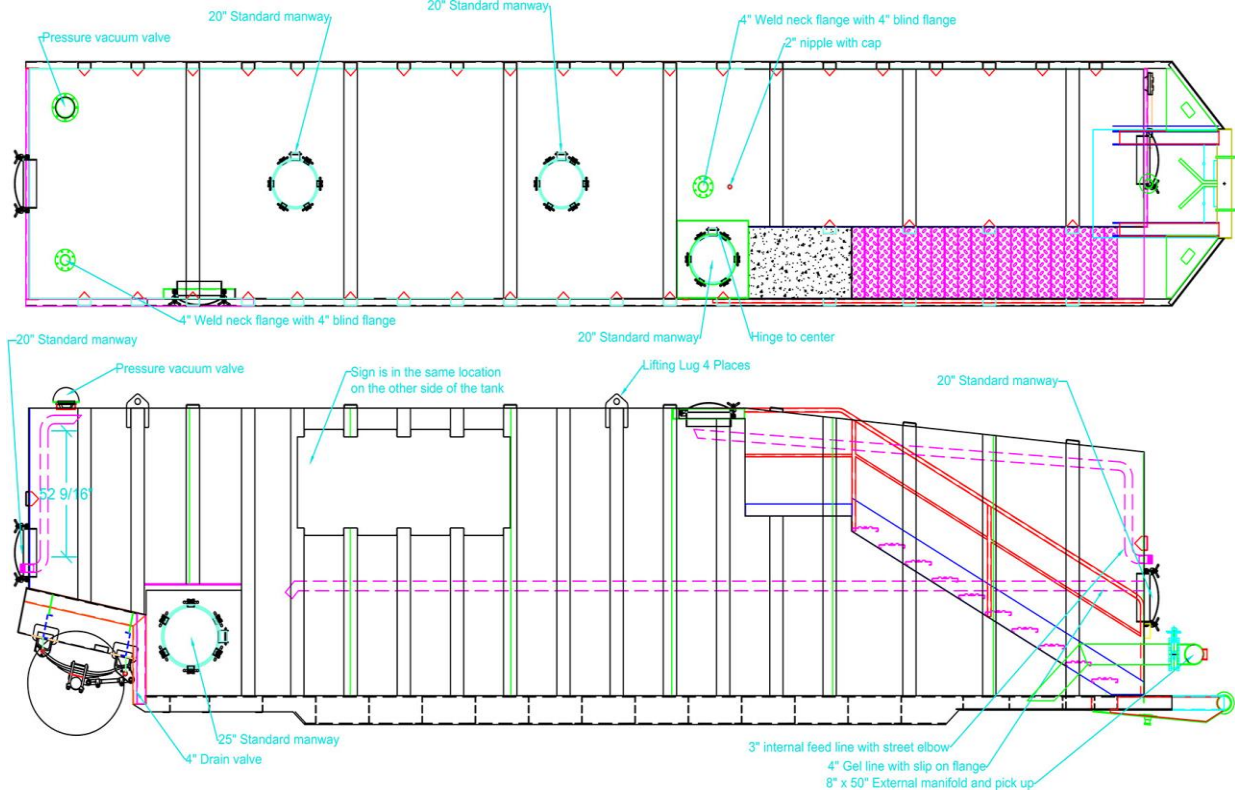


CERTIFICATE OF QUALIFICATION VISUAL INSPECTION AND LEAK TESTING

THIS REPORT COMPLIES WITH RECOGNIZED INTERNATIONAL STANDARDS & TECHNICAL REQUIREMENTS

CLIENT:	HALLIBURTON (HPS)		
LOCATION:	HPS YARD	REPORT No.:	QC-24-HALL-HPS-April- VT & LEAK -008B
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:	13253285
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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