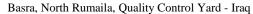
AI TAKAMUL COMPANY FOR ENGINEERING TESTS AND PROFESSIONAL SAFETY LIMITED





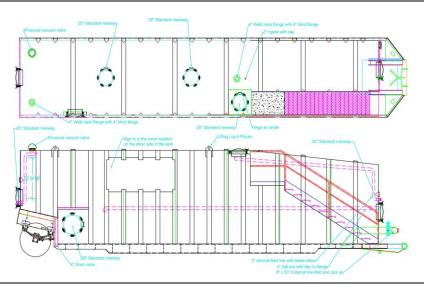
CERTIFICATE OF QUALIFICATION VISUAL INSPECTION AND LEAK TESTING

THIS REPORT COMPLIES WITH RECOGNIZED INTERNATIONAL STANDARDS & TECHNICAL REQUIEREMENTS

THIS REPORT COMPLIES WITH RECOGNIZED INTERNATIONAL STANDARDS & TECHNICAL REQUEREMENTS											
CLIENT:	HALLIBURTON IRAQ (HPS)										
LOCATION:	HPS YARD	REPORT No.:	QC-24-HALL-HPS-April- VT & LEAK -010B								
STANDARD:	CUSOMER SPECIFICATION	JOB NO:	QC-24/HALL-HPS-001								
INSPECTION DATE:	Tuesday, April 23, 2024	Due Date Tuesday, October 22, 2024									
TYPE OF INSPECTION:	*VISUAL TESTING AND *LEAK TESTING										
DESCRIPTION:	ED A C MANUE	al P NO	1101066								
			11918665								
DESCRIPTION:	FRAC TANK	SAP NO:	11910005								
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 DETAIL	S	REVIEW BY						
NAME:	Usman Shabbir	State of Company	SENIOR INSPECTOR:	ASHRAF ELSAID	CUSTOMER NAME				
QUALIFICATION:	ASNT LEVEL II MT,PT,VT		SUPERVISOR:	HANI ALI					
STAMP 8	k SIGNATURE:	ror Ingineering	DATE:						
Original - Client Files	Copy - Area Office	QC/FN/MPI/065 Rev.00 DA	ATED 07 NOV 2021						



















Al TAKAMUL COMPANY FOR ENGINEERING TESTS AND PROFESSIONAL SAFETY LIMITED



Basra, North Rumaila, Quality Control Yard - Iraq

	CERTIFICATION OF VISUAL, THOROUGH EXAMINATON & MAGNETIC PARTICLE INSPECTION
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Client:	HALLIBURTON IRAQ (HPS)	Report No:	QC-24-HALL-HPS-JAN- VT & LEAK -010
Location:	HPS YARD	Job Number:	QC-24/HALL-HPS-JAN-002
Date:	Tuesday, April 23, 2024	Next Inspection Date:	Tuesday, October 22, 2024
Type Of Inspection: VISUAL, THOROUGH EXAMINATION & MAGNETIC PARTICLE INSPECT		Specification:	ASTM E709 & ASTM E 1444 (2016) ASME V Article 7 (2019)





UNIT DESCRIPTION:	FRAC TANK LIFTING LUGS					
UNIT S/N:	11918665					
UNIT DIM:	14.20 M (L) X 2.90 M (W) X 4.40 M (H)					
INSPECTION RESULT.						

unit fully inspected and found free from **VISUAL, THOROUGH EXAMINATION** deforms, cracks, corrosion & mechanical damage Welds & forgn areas inspected MAGNETIC PARTICLE INSPECTION and found free from cracks and other defects unit found satisfactory and free of defects FINAL RESULTS at the time of inspection

COMMENT:

Magnetic Particle Inspection With A/C Hand Yoke, Black & White Contrast



			EQUIPME	NT DETAIL	S		PERS	ON DETAILS		REVIEW BY	
Equipment:	AC-Yoke Test	Block	Equipment:	Digital Lux	Meter	Equipment	AC/DC Yoke	INSPECTOR NAME: Usman Shabbir	1 Cours	SENIOR INSPECTOR:	ASHRAF ELSAID
S.No:	1657		S.No:	27220	3		201504052	Osman Shabbii	The state of the s		
Cal Due Date:	12-Aug-2	24	Cal Due Date:	14-Aug	24	Cal Due Date	: 12-Aug-24	QUALIFICATION: ASNT LEVEL II		SUPERVISOR:	HANI ALI
Black Magnetic	c Ink Manufact	ture:	Magnaflux	Batch No:	22060	5 Expiry D	JULY.2025	MT & PT & VT			
Whie Contrast I	Paint Manufact	ture:	Magnaflux	Batch No:	22060	2 Expiry I	oate: JUN,2025				
Technical I		Magne	tic Partical Concentr	ation	Meth	od	WMPT Light Intensity	STAMP & SIGNATURE:	Por House and the Control of the Con	CLIENT:	
1 etiilitai L	octans.		1.2 to 2.4 ml/100 ml	Wet I	lagnetic Pa (WMF	rticle Testing T)	3630 Lux	JIAMI & JUNATURE.			
16.FEB.2024		Black	Magnetic Ink Concentration 7	HF	1.2 to 2.4 ml	/100 ml	EXPIRE DATE: Jul-25				



QC/FN/MPI/065 Rev.00 DATED 07 NOV 2021

















Al TAKAMUL COMPANY FOR ENGINEERING TESTS AND PROFESSIONAL SAFETY LIMITED



Tel: +9647810009138 / +9647834964657

Email: OP@qualitycontrol-iraq.com / hany.akafi@qualitycontrol-iraq.com

Basra, North Rumaila, Quality Control Yard - Iraq

CI	ERTIFI(CA	FION OF	VISU ₂	Al, T	HORO	UGH	EXAM	INATON	1 &]	MAGN	VETIC PA	ARTICLE IN	ISPECTION		
Clien	ıt:		HAI	LLIBURTON	IRAQ (I	HPS)		Rep	ort No:			QC-24-H	ALL-HPS-JAN- VT & L	LL-HPS-JAN- VT & LEAK -010		
Location	on:			HPS Y	ARD			Job N	Number:			QC	-24/HALL-HPS-JAN-002			
Date	: :		7	Гuesday, Арі	il 23, 202	4		Next Insp	ection Date:			Tue	day, October 22, 2024			
Type Of Ins	spection:	VISU	IAL , THOROUGH EXA	MINATION 8	MAGNET	IC PARTICLE IN	SPECTION	Speci	ification:	ASTM E709 & ASTM E 1444 (2016) ASME V Article 7 (2019)						
20" Standard manney 4" West next large with 4" blind fange #"nexture vacuum valve #" region with cap									UNIT DESCRIPT	CRIPTION: FRAC TANK LIFTING LUGS						
								UNIT S/N:				119186	65			
									UNIT DIM	!		:	14.20 M (L) X 2.90 M ((W) X 4.40 M (H)		
0	3 0	- ^ /		Q			9					INSPECTION RESULT :				
20" Standard manway	Veld neck flange with 4" blind fla m valve Sign	inge	20" Standard manwe	Hinge to cente	2	0" Standard manway-		VISUA	AL , THOROUGH E	XAMIN	ATION	def	unit fully inspected a forms, cracks, corrosion	nd found free from n & mechanical damage		
		ne other side of	The said	====		=======	กับ	MAG	SNETIC PARTICLE	INSPECT	TION	a	Welds & forgn areas inspected nd found free from cracks and other defects			
The state of the s									FINAL RESU	LTS			nit found satisfactory and free of defects at the time of inspection			
	25" Standard manway Drain valve			3" informal feed	line with street elbov Gel line with stip or × 50° External man	i flange field and pick up		COMMENT: Magne		ection W	Vith A/C Hand	l Yoke , Black & Wl	hite Contrast			
			EQUIPME	NT DETA	LS					PERSON DETAILS REVIEW F				REVIEW BY		
Equipment:	AC-Yoke Test	Block	Equipment:	Digital Lu	x Meter	Equipmen	: A	.C/DC Yoke	INSPECTOR NA		Colle		SENIOR INSPECTOR:	ASHRAF ELSAID		
S.No:	1657		S.No:	2722	003	S.No:	2	01504052				7				
Cal Due Date:	12-Aug-2		Cal Due Date:	14-Au	_	Cal Due Dat		12-Aug-24	QUALIFICATION: ASNT LEVEL II			LOW TO	SUPERVISOR:	HANI ALI		
Black Magnetic			Magnaflux	Batch No				JULY.2025	MT & PT & V	T .	To the	0 1 1				
Whie Contrast I	Paint Manufact	cture: Magnaflux Batch No:		2200	602 Expiry	Date:	JUN,2025				5 11311					
Technical I			tic Partical Concenti		Met		WMPT L	ight Intensity	STAMP & SIGNA	& SIGNATURE:		noineering	CLIENT:			
			1.2 to 2.4 ml/100 ml		(WM		36	630 Lux				Tagair.				
16.FEB.2024 Black Magnetic Ink Concentration 7 HF 1.2 to 2.4 ml/100 ml EXPIRE DATE:								re: Jul-25								
0 1 .	Client Files		Copy - Area Office		OC/F	N/MPI/065	Pay 00 D	OATED 07 NOV	7.2021							