## Al TAKAMUL COMPANY FOR ENGINEERING TESTS AND PROFESSIONAL SAFETY LIMITED Basra, North Rumaila, Quality Control Yard - Iraq



CER	TIFICA	TION OF	VISUAl	, TH	IOROI	JGH	I EXAM	INATO	N 8	κ MA	GNETIC	PARTICLE	E INSPECTION		
Client: HALLIBURTON (TSS)								Report No:			QC-24-MAY-TSS-NDT-030				
Locatio	Location: TSS YARD							B NO:		QC-24-05-TSS-001					
Inspection Date: Sunday, May 12, 2024								pection Date:	Monday, November 11, 2024						
Type Of Inspection: VISUAL, THOROUGH EXAMINATION & MAGNETIC PARTICLE INSPECTION								ification:	ASTM E709 & ASTM E 1444 (2016) ASME V Article 7 (2019) & API 6A						
								NIT DESCRIPT	ION: FLANGE 6" 300 CL X 3" 1502 THREAD						
								UNIT S/N:		HAH 22699					
								INSPECTION RESULT :							
							VISUAI	L , THOROUGH E	KAMINA	TION	VISUAL & MAGNETIC PARTICLE INSPECTION ( M.P.I. ) HAD BEEN DONEON THE AVAILABLE AREAS FOR THE ABOVE DESCRIPTION				
							MAGI	NETIC PARTICLE I	NSPECT	SPECTION			ole critical areas inspected om cracks and other defects		
							-	FINAL RESUL	TS		THE ABOVE INSPECTED AREAS WAS ACCEPTED				
			(MPI Wet I	COMMENT: (MPI Wet Fluorescent inspection Thread With UltraViolet Light) Magnetic Particle Inspection With A/C Hand Yoke , Black & White Contrast											
EQUIPMENT DETAILS								l	PERSON DETAILS			REVIEW BY			
EQUIPMENT :	AC/DC HAND Y	oke EQUIPMENT :	Shooting Coil D	C E	QUIPMENT :		BLACK LIGHT: 120 μw/cm²				Cons	SENIOR INSPECTOR:	NAVEED HUSSAIN		
S.NO:	201504052	S.NO:	22650		S.NO:		1898977		a start		ompany.				
Cal Due Date:	12.AUG.202	4 Cal Due Date:	12.AUG.2024	C	Cal Due Date:		12.AUG.2024	QUALIFICATION ASNT LEVEL II			NP1	SUPERVISOR:	HANI ALI		
FLUORESCENT 14HF		Magnaflux	Batch No:	2203	306 EXPIRE	DATE:	MARCH,2025	MT & PT &			0 1 1				
Whie Contrast Paint Manufactu		e: Magnaflux	Batch No:	<b>:h No:</b> 220602		DATE:	JUN,2025			S.	The let	/			
Digital Lux Meter WHITE LIGHT INTENSITY:		TECHNICAL DETAILS					ack Magnetic Ink anufacture:7HF	STAMP & SIGNA	TURE:	for Ingineering		CLIENT:			
3620 Lux/S.NO:2722003		Wet FLUORESCENT Particle Concent	ration 14 HF	0.1 to 0.4 ml/100 ml		Bat	ch No:220605			/					
Cal Due Date:14.AUG.2024		Black Magnetic Ink Concentrat	ion 7 HF	1.2 to 2.4 ml/100 ml		EXPIRE	DATE: Jul-25								
Original - C	Client Files	Copy - Area Offic	e	QC/F	N/MPI/065	Rev.00	DATED 07 NOV	/ 2021							



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