




**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 (TSS)	Report No:	QC-24-04-TSS-NDT-002
Location:	TSS YARD	JOB NO:	QC-24-01-TSS-0116
Inspection Date:	Friday, April 5, 2024	Next Inspection Date:	Friday, October 4, 2024
Type Of Inspection:	VISUAL , THOROUGH EXAMINATION & MAGNETIC PARTICLE INSPECTION	Specification:	ASTM E709 & ASTM E 1444 (2016) ASME V Article 7 (2019) & API 6A
		UNIT DESCRIPTION:	FLANGE 4 1/16" 5K R39 X 3" 1502 WING
		UNIT S/N:	PETROFAC 1251
		INSPECTION RESULT :	
		VISUAL , THOROUGH EXAMINATION	VISUAL & MAGNETIC PARTICLE INSPECTION (M.P.I.) HAD BEEN DONE ON THE AVAILABLE AREAS FOR THE ABOVE DESCRIPTION
		MAGNETIC PARTICLE INSPECTION	Thread & Available critical areas inspected and found free from cracks and other defects
		FINAL RESULTS	THE ABOVE INSPECTED AREAS WAS ACCEPTED
COMMENT:			
(MPI Wet Fluorescent inspection Thread With UltraViolet Light) Magnetic Particle Inspection With A/C Hand Yoke , Black & White Contrast			

EQUIPMENT DETAILS						PERSON DETAILS		REVIEW BY		
EQUIPMENT :	AC/DC HAND Yoke	EQUIPMENT :	Shooting Coil DC	EQUIPMENT :	UV BLACK LIGHT: 3041 μw/cm ²	INSPECTOR NAME: M.SHAHZAD AHMED		SENIOR INSPECTOR:	NAVEED HUSSAIN	
S.NO:	201504052	S.NO:	22650	S.NO:	1898977			QUALIFICATION: ASNT LEVEL II MT & PT & VT	SUPERVISOR:	HANI ALI
Cal Due Date:	12.AUG.2024	Cal Due Date:	12.AUG.2024	Cal Due Date:	12.AUG.2024			STAMP & SIGNATURE:	CLIENT:	
FLUORESCENT 14HF	Magnaflux	Batch No:	220306	EXPIRE DATE:	MARCH,2025					
White Contrast Paint Manufacture:	Magnaflux	Batch No:	220602	EXPIRE DATE:	JUN,2025					
TECHNICAL DETAILS					Black Magnetic Ink Manufacture:7HF					
Digital Lux Meter WHITE LIGHT INTENSITY:	Wet FLUORESCENT Particle Concentration 14 HF		0.1 to 0.4 ml/100 ml		Batch No:220605					
3570 Lux/S.NO:2722003	Black Magnetic Ink Concentration 7 HF		1.2 to 2.4 ml/100 ml		EXPIRE DATE: Jul-25					
Cal Due Date:14.AUG.2024										

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