## 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

Client:	HALLIBURTON (HPS)	Report No:	QC/24/HALL-HPS-APR-019		
Location:	HPS YARD	Job Number:	QC-24/HALL-HPS-007		
Inspection Date:	Monday, April 22, 2024	Next Inspection Date:	Monday, October 21, 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 RX39 X 3" FIG 1502 WING						
UNIT S/N:	WO-17333-2						
INSPECTION RESULT :							
VISUAL , THOROUGH EXAMINATION	VISUAL & MAGNETIC PARTICLE INSPECTION ( M.P.I. ) HAD BEEN DONE THE AVAILABLE AREAS FOR THE ABOVE DESCRIPTION						
MAGNETIC PARTICLE INSPECTION	Thread & Avaliable 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					1	PERSON DETAILS		REVIEW BY		
EQUIPMENT:	AC/DC HAND Yo	EQUIPMENT:	Shooting Coil DC	EQUII	UV BLACK LIGHT: 3041 μw/cm <sup>2</sup>		INSPECTOR NAME: M.SHAHZAD AHMED	Coma	SENIOR INSPECTOR:	NAVEED HUSSAIN
S.NO:	201504052	S.NO:	22650	S	.NO:	1898977				
Cal Due Date:	12.AUG.2024	Cal Due Date:	12.AUG.2024	Cal D	Cal Due Date: 12.AUG.2024		QUALIFICATION: ASNT LEVEL II		SUPERVISOR:	HANI ALI
FLUORE	SCENT 14HF	Magnaflux	Batch No:	220306	EXPIRE DA	MARCH,2025	MT & PT & VT	CALLETTIC OF	JOI ERVISOR:	HAW ALI
Whie Contrast	Paint Manufacture:	: Magnaflux	Batch No:	220602	EXPIRE DA	JUN,2025	\	2/3/		
Digital Lux Meter WHITE LIGHT INTENSITY: TECHNICAL DETAILS			Black Magnetic Ink Manufacture:7HF STAMP & SIGNATURE:		To Jagine et Sig	CLIENT:				
3570 Lux/S.NC	3570 Lux/S.NO:2722003 Wet FLUORESCENT Particle Concentration 14 HF 0.1 to 0.4 r		to 0.4 ml/100	Batch No:220605						
Cal Due Date:1	4.AUG.2024	Black Magnetic Ink Concentration 7 HF 1.2 to 2.4 m		to 2.4 ml/100	ml	EXPIRE DATE: Jul-25				



Original - Client Files





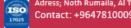
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QC/FN/MPI/065 Rev.00 DATED 07 NOV 2021