## Al TAKAMUL COMPANY FOR ENGINEERING TESTS AND PROFESSIONAL SAFETY LIMITED





CERTIFICATION OF VISUAL, THOROUGH EXAMINATON & MAGNETIC PARTICLE INSPECTION						
Client:	HALLIBURTON (TSS)	TSS) Report No: QC-24-MAY-TSS-NDT-023				
Location:	TSS YARD	JOB NO:	QC-24-05-TSS-004			
Inspection Date:	Tuesday, May 14, 2024	Next Inspection Date:	Wednesday, November 13, 2024			
Type Of Inspection:	VISUAL , THOROUGH EXAMINATION & MAGNETIC PARTICLE INSPECTION	Specification:	ASTM E709 & ASTM E 1444 (2016) ASME V Article 7 (2019)			



UNIT DESCRIPTION:	X-OVER 4" 206 WING X 3" 206 THREAD					
UNIT S/N:	TSS 305					
INSPECTION RESULT :						
VISUAL , THOROUGH EXAMINATION	VISUAL & MAGNETIC PARTICLE INSPECTION ( M.P.I. ) HAD BEEN DONEON 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 Yol	ke EQUIPMENT:	Shooting Coil DC	EQUII	EQUIPMENT: UV BLACK LIGHT: 3130 μw/cm <sup>2</sup>		INSPECTOR NAME: M.Shahzad Ahmed		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	ue 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	( ) ( ) ( ) ( ) ( ) ( ) ( ) ( ) ( ) ( )	JOI ERVISOR.	HANI ALI
Whie Contrast	Paint Manufacture:	Magnaflux	Batch No:	220602	EXPIRE DA	ATE: JUN,2025		12/18/	7	
Digital Lux Meter WHITE LIGHT INTENSITY:		TECHNICAL DETAILS			Black Magnetic Ink Manufacture:7HF	STAMP & SIGNATURE:	or Ingineering	CLIENT:		
3610 Lux/S.NO:2722003		Wet FLUORESCENT Particle Concentration 14 HF 0.1 to 0.4 ml/100 ml		Batch No:220605						
Cal Due Date:1	Due Date:14.AUG.2024 Black Magnetic Ink Concentration 7 HF 1.2 to 2.4 ml/100 ml		ml	EXPIRE DATE: Jul-25						

Original - Client Files

Copy - Area Office

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













