## 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 (TSS)	Report No:	QC-24-MAY-TSS-NDT-003								
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:		TEE 4" 206 WING X THREAD X THREAD								
		UNIT S/N:		TSS 312							
1 3 4 - 6 6	INSPECTION DESTIT										



UNIT S/N:

INSPECTION RESULT:

VISUAL, THOROUGH EXAMINATION

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					1	PERSON DETAILS		REVIEW BY		
EQUIPMENT:	AC/DC HAND Yol	ke EQUIPMENT:	Shooting Coil DC	EQUII	PMENT:	UV BLACK LIGHT: 3130 μw/cm²	INSPECTOR NAME: M.Shahzad Ahmed	Com	SENIOR INSPECTOR:	NAVEED HUSSAIN
S.NO:	201504052	S.NO:	22650	S.	.NO:	1898977		The state of the s		
Cal Due Date:	12.AUG.2024	Cal Due Date:	12.AUG.2024	Cal D	ue Date:	12.AUG.2024	QUALIFICATION: ASNT LEVEL II	(S) NAT	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/10		to 0.4 ml/100	ml	Batch No:220605		/				
Cal Due Date:14.AUG.2024 Black Magnetic Ink Concentration 7 HF 1.2 to 2		to 2.4 ml/100	ml	EXPIRE DATE: Jul-25						

Original - Client Files

Copy - Area Office

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













