
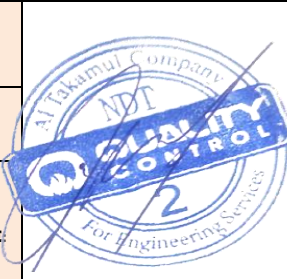


**AI TAKAMUL COMPANY FOR ENGINEERING TESTS
AND PROFESSIONAL SAFETY LIMITED**
Basra, North Rumaila, Quality Control Yard - Iraq



CERTIFICATION OF VISUAL, THOROUGH EXAMINATION & MAGNETIC PARTICLE INSPECTION											
Client:		HALLIBURTON (HPS)			Report No:		QC-24-08-HPS-NDT-086				
Location:		HPS PE YARD			Job Number:		20724				
Date:		13-Aug-2024			Next Inspection Date:		12-Feb-2025				
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 3 1/16 10K x 4 1/2" TSH BLUE THREAD				
					UNIT S/N:		WO27222-2				
					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: 3240 μw/cm ²	INSPECTOR NAME:		SENIOR INSPECTOR:	NAVEED HUSSAIN		
S.NO:	201504052	S.NO:	22650	S.NO:	1898977	QUALIFICATION:		SUPERVISOR:	HANI ALI		
Cal Due Date:	14.OCT.2024	Cal Due Date:	15.OCT.2024	Cal Due Date:	14.OCT.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:						
Digital Lux Meter WHITE LIGHT INTENSITY:	Wet FLUORESCENT Particle Concentration 14 HF			0.1 to 0.4 ml/100 ml	Batch No:	220605					
3650 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:	16.OCT.2024										

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