

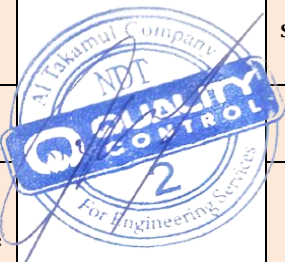


**AI TAKAMUL COMPANY FOR ENGINEERING TESTS  
AND PROFESSIONAL SAFETY LIMITED**  
Basra, North Rumaila, Quality Control Yard - Iraq



**CERTIFICATION OF VISUAL, THOROUGH EXAMINATION & MAGNETIC PARTICLE INSPECTION**

<b>Client:</b>	HALLIBURTON (HPS)	<b>Report No:</b>	QC-24-07-HPS-NDT-022
<b>Location:</b>	HPS YARD	<b>JOB NO:</b>	20724
<b>Inspection Date:</b>	Monday, July 1, 2024	<b>Next Inspection Date:</b>	Tuesday, December 31, 2024
<b>Type Of Inspection:</b>	VISUAL , THOROUGH EXAMINATION & MAGNETIC PARTICLE INSPECTION	<b>Specification:</b>	ASTM E709 & ASTM E 1444 (2016) ASME V Article 7 (2019) & API 6A
	<b>UNIT DESCRIPTION:</b>	FLANGE 4" 1/16" 3K R37 X 2" 1502 WING	
	<b>UNIT S/N:</b>	HAH 17797-7	
	<b>INSPECTION RESULT :</b>		
	<b>VISUAL , THOROUGH EXAMINATION</b>	VISUAL & MAGNETIC PARTICLE INSPECTION ( M.P.I. ) HAD BEEN DONE ON THE AVAILABLE AREAS FOR THE ABOVE DESCRIPTION	
	<b>MAGNETIC PARTICLE INSPECTION</b>	Thread & Available critical areas inspected and found free from cracks and other defects	
	<b>FINAL RESULTS</b>	THE ABOVE INSPECTED AREAS WAS ACCEPTED	
<b>COMMENT:</b> (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		
<b>EQUIPMENT :</b>	AC/DC HAND Yoke	<b>EQUIPMENT :</b>	Shooting Coil DC	<b>EQUIPMENT :</b>	UV BLACK LIGHT: 3240 μw/cm <sup>2</sup>	<b>INSPECTOR NAME:</b> M.SHAHZAD AHMED		<b>SENIOR INSPECTOR:</b>	NAVEED HUSSAIN	
<b>S.NO:</b>	201504052	<b>S.NO:</b>	22650	<b>S.NO:</b>	1898977			<b>QUALIFICATION:</b> ASNT LEVEL II MT & PT & VT	<b>SUPERVISOR:</b>	HANI ALI
<b>Cal Due Date:</b>	14.OCT.2024	<b>Cal Due Date:</b>	15.OCT.2024	<b>Cal Due Date:</b>	14.OCT.2024			<b>STAMP &amp; SIGNATURE:</b>	<b>CLIENT:</b>	
<b>FLUORESCENT 14HF</b>	Magnaflux	<b>Batch No:</b>	220306	<b>EXPIRE DATE:</b>	MARCH,2025					
<b>White Contrast Paint Manufacture:</b>	Magnaflux	<b>Batch No:</b>	220602	<b>EXPIRE DATE:</b>	JUN,2025					
<b>Black Magnetic Ink Manufacture:7HF</b>		<b>Batch No:</b>	220605	<b>EXPIRE DATE:</b>	JUL-25					
<b>TECHNICAL DETAILS</b>					<b>Black Magnetic Ink Manufacture:7HF</b>					
<b>Digital Lux Meter WHITE LIGHT INTENSITY:</b>	3570 Lux/S.NO:2722003		<b>Wet FLUORESCENT Particle Concentration 14 HF</b>	0.1 to 0.4 ml/100 ml	<b>Black Magnetic Ink Concentration 7 HF</b>	1.2 to 2.4 ml/100 ml				
<b>Cal Due Date:16.OCT.2024</b>			<b>EXPIRE DATE:</b>	Jul-25						

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