

**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 (TSS)	<b>Report No:</b>	QC-25-02-TSS-NDT-019
<b>Location:</b>	TSS YARD	<b>JOB NO:</b>	9022025
<b>Inspection Date:</b>	Sunday, February 9, 2025	<b>Next Inspection Date:</b>	Friday, August 8, 2025
<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>	<b>FLANGE 10" 900 RTJ X 2" 1502 THREAD</b>
		<b>UNIT S/N:</b>	<b>1109699</b>
<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: 3120 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>	11.APRIL.2025	<b>Cal Due Date:</b>	12.APRIL.2025	<b>Cal Due Date:</b>	11.APRIL.2025			<b>CLIENT:</b>	
<b>FLUORESCENT 14HF</b>		Magnaflux	<b>Batch No:</b>	230503	<b>EXPIRE DATE:</b>	MAY.2026			
<b>White Contrast Paint Manufacture:</b>		Magnaflux	<b>Batch No:</b>	230408	<b>EXPIRE DATE:</b>	APRIL,2026			
<b>TECHNICAL DETAILS</b>						<b>Black Magnetic Ink Manufacture:7HF</b>			
<b>Digital Lux Meter WHITE LIGHT INTENSITY:</b>	3640 Lux/S.NO:2722003		Wet FLUORESCENT Particle Concentration 14 HF		0.1 to 0.4 ml/100 ml		Batch No:230604		
<b>Cal Due Date:13.APRIL.2025</b>	Black Magnetic Ink Concentration 7 HF		1.2 to 2.4 ml/100 ml		<b>EXPIRE DATE:</b>		JUNE, 2026		

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