




**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-AUG-24-TSS-NDT-026
<b>Location:</b>	WQ-348	<b>JOB NO:</b>	QC-AUG-24-TSS-NDT-001
<b>Inspection Date:</b>	Thursday, August 8, 2024	<b>Next Inspection Date:</b>	Friday, February 7, 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)
		<b>UNIT DESCRIPTION:</b>	X-OVER:4" 206 THXTH
		<b>UNIT S/N:</b>	TSS-02
		<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			
<b>EQUIPMENT DETAILS</b>			
<b>EQUIPMENT :</b>	AC/DC HAND Yoke	<b>EQUIPMENT :</b>	Shooting Coil DC
<b>S.NO:</b>	201504052	<b>S.NO:</b>	22650
<b>Cal Due Date:</b>	14.OCT.2024	<b>Cal Due Date:</b>	15.OCT.2024
<b>FLUORESCENT 14HF</b>	Magnaflux	<b>Batch No:</b>	220306
<b>White Contrast Paint Manufacture:</b>	Magnaflux	<b>Batch No:</b>	220602
<b>UV BLACK LIGHT:</b>	3240 µw/cm <sup>2</sup>	<b>EXPIRE DATE:</b>	MARCH,2025
<b>Black Magnetic Ink Manufacture:</b>	7HF	<b>EXPIRE DATE:</b>	JUN,2025
<b>TECHNICAL DETAILS</b>	<b>Wet FLUORESCENT Particle Concentration 14 HF</b>	0.1 to 0.4 ml/100 ml	<b>Batch No:220605</b>
<b>Black Magnetic Ink Concentration 7 HF</b>	1.2 to 2.4 ml/100 ml	<b>EXPIRE DATE:</b>	Jul-25
<b>PERSON DETAILS</b>		<b>REVIEW BY</b>	
<b>INSPECTOR NAME:</b>	RAO SOHAIL	<b>SENIOR INSPECTOR:</b>	NAVEED HUSSAIN
<b>QUALIFICATION:</b>	ASNT LEVEL II MT & PT & VT	<b>SUPERVISOR:</b>	HANI ALI
<b>STAMP &amp; SIGNATURE:</b>		<b>CLIENT:</b>	

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



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