

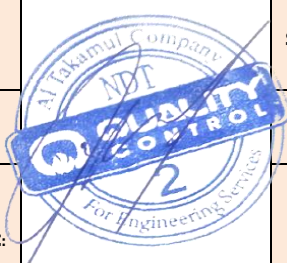


**AI TAKAMUL COMPANY FOR ENGINEERING TESTS  
AND PROFESSIONAL SAFETY LIMITED**  
Basra, North Rumaila, Quality Control Yard - Iraq



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

<b>Client:</b>	HALLIBURTON (TSS)	<b>Report No:</b>	QC-AUG-24-TSS-NDT-027
<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 x 3" 206 TH
		<b>UNIT S/N:</b>	13205
		<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>	RAO SOHAIL	<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>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>TECHNICAL DETAILS</b>					<b>Black Magnetic Ink Manufacture:</b>	7HF			
<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>Batch No:</b>	220605		
<b>Cal Due Date:16.OCT.2024</b>	<b>Black Magnetic Ink Concentration 7 HF</b>	1.2 to 2.4 ml/100 ml		<b>EXPIRE DATE:</b>	Jul-25				

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