

**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-24-10-HPS-NDT-004	
<b>Location:</b>	HPS YARD	<b>JOB NO:</b>	181024	
<b>Inspection Date:</b>	Friday, October 18, 2024	<b>Next Inspection Date:</b>	Thursday, April 17, 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 (1 1/4"AMMT PIN X 1 1/2" AMMT BOX )
<b>UNIT S/N:</b>	HAH 18674-5
<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 & Body areas inspected and found free from cracks and other defects
<b>FINAL RESULTS</b>	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	
<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>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>TECHNICAL DETAILS</b>					<b>Black Magnetic Ink Manufacture:7HF</b>				
<b>Digital Lux Meter WHITE LIGHT INTENSITY:</b>				<b>Black Magnetic Ink Manufacture:7HF</b>	<b>Batch No:220605</b>				
3540 Lux/S.NO:2722003	<b>Wet FLUORESCENT Particle Concentration 14 HF</b>		0.1 to 0.4 ml/100 ml						
<b>Cal Due Date:13.APRIL.2025</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