

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



**DEFECTED CERTIFICATE OF VISUAL THOROUGH EXAMINATION & MAGNETIC PARTICLE INSPECTION**

<b>Client:</b>	HALLIBURTON (TSS)	<b>Report No:</b>	QC-AUG-24-TSS-NDT-019
<b>Location:</b>	TSS WORKSHOP & INSPECTION TEST AREA	<b>Job Number:</b>	QC-AUG-24-TSS-NDT-001
<b>Date:</b>	Tuesday, August 27, 2024	<b>Next Inspection Date:</b>	-
<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>	<b>X-OVER: 3" 206 WING X 4" 206 THREAD</b>
<b>S/NO:</b>	<b>TSS-2788</b>
<b>INSPECTION RESULT :</b>	
<b>VISUAL , THOROUGH EXAMINATION</b>	<b>X-OVER was found wing Damage Rejected</b>
<b>MAGNETIC PARTICLE INSPECTION</b>	<b>Rejected</b>
<b>FINAL RESULTS</b>	<b>Rejected</b>

**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: 3041 μw/cm <sup>2</sup>	<b>INSPECTOR NAME:</b>	USMAN SHABBAR	<b>SENIOR INSPECTOR:</b>	NAVEED HUSSAIN
<b>S.NO:</b>	201504048	<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>STAMP &amp; SIGNATURE:</b>			
<b>Digital Lux Meter WHITE LIGHT INTENSITY:</b>	<b>TECHNICAL DETAILS</b>			<b>Black Magnetic Ink Manufacture:7HF</b>					
3620 Lux/S.NO:2722003	<b>Wet FLUORESCENT Particle Concentration 14 HF</b>	0.1 to 0.4 ml/100 ml		<b>Batch No:220605</b>					
<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