




**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-032
<b>Location:</b>	WQ-341	<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) & API 6A
	<b>UNIT DESCRIPTION:</b>	FLANGE: 4 1/16" 3K RX x 3" 1502 W	
	<b>UNIT S/N:</b>	WO1535-2	
	<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>	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>			
Magnetic Particle Inspection With A/C Hand Yoke , Black & White Contrast			

EQUIPMENT DETAILS						PERSON DETAILS		REVIEW BY	
<b>Equipment:</b>	AC-Yoke Test Block	<b>Equipment:</b>	Digital Lux Meter	<b>Equipment:</b>	AC/DC Yoke	<b>INSPECTOR NAME:</b> RAO SOHAIL  	<b>SENIOR INSPECTOR:</b>  	NAVEED HUSSAIN	
<b>S.No:</b>	1657	<b>S.No:</b>	2722003	<b>S.No:</b>	201504052				
<b>Cal Due Date:</b>	14-Oct-24	<b>Cal Due Date:</b>	16-Oct-24	<b>Cal Due Date:</b>	14-Oct-24				
<b>Black Magnetic Ink Manufacture:</b>	Magnaflux	<b>Batch No:</b>	220605	<b>Expiry Date:</b>	JULY.2025	<b>QUALIFICATION:</b> ASNT LEVEL II MT & PT & VT	<b>SUPERVISOR:</b>  	HANI ALI	
<b>White Contrast Paint Manufacture:</b>	Magnaflux	<b>Batch No:</b>	220602	<b>Expiry Date:</b>	JUN,2025				
<b>Technical Details:</b>	<b>Magnetic Partical Concentration</b>		<b>Method</b>		<b>WMPT Light Intensity</b>	<b>STAMP &amp; SIGNATURE:</b>	<b>CLIENT:</b>		
	1.2 to 2.4 ml/100 ml		Wet Magnetic Particle Testing (WMPT)		3630 Lux				

Original - Client Files

Copy - Area Office

QC/FN/MPI/065 Rev.00 DATED 07 NOV 2021



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