





**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>	<b>HALLIBURTON</b>			<b>Report No:</b>	QC-25-01-TSS-NDT-013			
<b>Location:</b>	TAREEK AL SALEM YARD			<b>JOB NO:</b>	28012025			
<b>Inspection Date:</b>	Tuesday, January 28, 2025			<b>Next Inspection Date:</b>	Sunday, July 27, 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>		<b>FRAC TANK LIFTING LUGS</b>					
	<b>UNIT DIMENSIONS:</b>		<b>12.16 M(L) X 2.41 M(W) X 2.74 M(H)</b>					
	<b>FRAC TANK SAP NO:</b>		<b>101020241</b>					
	<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>		Welds & forgn 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>	<b>SENIOR INSPECTOR:</b>
<b>S.No:</b>	1657	<b>S.No:</b>	2722003	<b>S.No:</b>	201504048			
<b>Cal Due Date:</b>	11-Apr-25	<b>Cal Due Date:</b>	13-Apr-25	<b>Cal Due Date:</b>	11-Apr-25		<b>QUALIFICATION</b>	<b>SUPERVISOR:</b>
<b>Black Magnetic Ink Manufacture:</b>	Magnaflux	<b>Batch No:</b>	220605	<b>Expiry Date:</b>	JULY.2025			
<b>Whie Contrast Paint Manufacture:</b>	Magnaflux	<b>Batch No:</b>	220602	<b>Expiry Date:</b>	JUN,2025		<b>STAMP &amp; SIGNATURE:</b>	<b>CLIENT:</b>
<b>Technical Details:</b>	<b>Magnetic Partical Concentration</b>	<b>Method</b>		<b>WMPT Light Intensity</b>				
	1.2 to 2.4 ml/100 ml	Wet Magnetic Particle Testing (WMPT)		3610 Lux				
Original - Client Files		Copy - Area Office		QC/FN/MPI/065 Rev.00 DATED 07 Nov 2021				



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