

**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

Client:	HALLIBURTON -CMT	Report No:	QC-HALL-0170-04	
Location:	HH-29	Job Number:	QC-HALL-0170	
Date:	Thursday, May 2, 2024	Next Inspection Date:	Friday, November 1, 2024	
Type Of Inspection:	VISUAL , THOROUGH EXAMINATION & MAGNETIC PARTICLE INSPECTION		Specification:	ASTM E709 & ASTM E 1444 (2016) ASME V Article 7 (2019)

  	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td colspan="2">UNIT DESCRIPTION:</td> <td colspan="2">Frack Tank Lifting Lugs</td> </tr> <tr> <td>UNIT S/N:</td> <td>12128627</td> <td>M.G.W:</td> <td>14 TONS</td> </tr> <tr> <td>UNIT DIM:</td> <td colspan="3">13.5 M (L) X 2.6 M (W) X 3.65 M (H)</td> </tr> <tr> <td>LUGS S/N:</td> <td colspan="3">JF03, JF04</td> </tr> </table> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th colspan="2" style="text-align: center;">INSPECTION RESULT :</th> </tr> <tr> <td style="width: 30%; text-align: center;">VISUAL , THOROUGH EXAMINATION</td> <td>unit fully inspected and found free from deforms, cracks, corrosion & mechanical damage</td> </tr> <tr> <td style="text-align: center;">MAGNETIC PARTICLE INSPECTION</td> <td>Welds & forgn areas inspected and found free from cracks and other defects</td> </tr> <tr> <td style="text-align: center;">FINAL RESULTS</td> <td>unit found satisfactory and free of defects at the time of inspection</td> </tr> </table> COMMENT: Magnetic Particle Inspection With A/C Hand Yoke , Black & White Contrast 	UNIT DESCRIPTION:		Frack Tank Lifting Lugs		UNIT S/N:	12128627	M.G.W:	14 TONS	UNIT DIM:	13.5 M (L) X 2.6 M (W) X 3.65 M (H)			LUGS S/N:	JF03, JF04			INSPECTION RESULT :		VISUAL , THOROUGH EXAMINATION	unit fully inspected and found free from deforms, cracks, corrosion & mechanical damage	MAGNETIC PARTICLE INSPECTION	Welds & forgn areas inspected and found free from cracks and other defects	FINAL RESULTS	unit found satisfactory and free of defects at the time of inspection
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EQUIPMENT DETAILS						PERSON DETAILS		REVIEW BY			
Equipment:	AC-Yoke Test Block	Equipment:	Digital Lux Meter	Equipment:	AC/DC Yoke	INSPECTOR NAME: ASHRAF ELSAID		SENIOR INSPECTOR:	MOHAMMED ABDULLAH		
S.No:	1657	S.No:	2722003	S.No:	201504052			QUALIFICATION	ASNT LEVEL II MT & PT & VT	SUPERVISOR:	HANI ALI
Cal Due Date:	12-Aug-24	Cal Due Date:	14-Aug-24	Cal Due Date:	12-Aug-24			CLIENT:			
Black Magnetic Ink Manufacture:		Magnaflux		Batch No:	220605	Expiry Date:	JULY.2025				
Whie Contrast Paint Manufacture:		Magnaflux		Batch No:	220602	Expiry Date:	JUN,2025				
Technical Details:		Magnetic Partical Concentration		Method		WMPT Light Intensity		STAMP & SIGNATURE:			
		1.3 to 2.4 mL/100 mL		Wet Magnetic Particle Testing		2560 Lux					






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