

**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:	HALIBURTON CMT	Report No:	QC-25-04-HALL-NDT-056																		
Location:	CMT YARD	Job Number:	4042025																		
Inspection Date:	Saturday, April 5, 2025	Next Inspection Date:	Saturday, October 4, 2025																		
Type Of Inspection:	VISUAL , THOROUGH EXAMINATION & MAGNETIC PARTICLE INSPECTION	Specification:	ASTM E709 & ASTM E 1444 (2016) ASME V Article 7 (2019)																		
		UNIT DESCRIPTION:	WATER TANK PAD EYES																		
		UNIT S/N:	11607549																		
		UNIT DIM:	12 M (L) X 3.35 M (W) X 3.30 M (H)																		
		<table border="1"> <thead> <tr> <th>PADEYES S/N</th> <th>QTY</th> <th>BOTTOM PAD EYES DIMENSION</th> <th>M.G.W</th> <th>REMARK</th> </tr> </thead> <tbody> <tr> <td>G05</td> <td rowspan="4">4</td> <td>Thickness</td> <td>22 mm</td> <td rowspan="4">14 T</td> <td rowspan="4">Satisfactory</td> </tr> <tr> <td>G06</td> <td>Pin Hole</td> <td>40 mm</td> </tr> <tr> <td>G07</td> <td>Length</td> <td>230 mm</td> </tr> <tr> <td>G08</td> <td>Height</td> <td>120 mm</td> </tr> </tbody> </table>		PADEYES S/N	QTY	BOTTOM PAD EYES DIMENSION	M.G.W	REMARK	G05	4	Thickness	22 mm	14 T	Satisfactory	G06	Pin Hole	40 mm	G07	Length	230 mm	G08
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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																			
COMMENT:																					
Magnetic Particle Inspection With A/C Hand Yoke , Black & White Contrast																					

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:	MOHAMED ABDALLAH
S.No:	1657	S.No:	2722003	S.No:	201504052				
Cal Due Date:	11-Apr-25	Cal Due Date:	13-Apr-25	Cal Due Date:	11-Apr-25				
Black Magnetic Ink Manufacture:	Magnaflux	Batch No:	230604	Expiry Date:	MAY,2026	QUALIFICATION ASNT LEVEL II MT & PT & VT		CLIENT:	
Whie Contrast Paint Manufacture:	Magnaflux	Batch No:	230408	Expiry Date:	APRIL,2026				
Technical Details:	Magnetic Partical Concentration		Method		WMPT Light Intensity		STAMP & SIGNATURE:		
	1.2 to 2.4 ml/100 ml		Wet Magnetic Particle Testing (WMPT)		3670 Lux				

Original - Client Files Copy - Area Office QC/FN/MPI/065 Rev.00 DATED 07 Nov 2021