

**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 BAROID	Report No:	QC-25-HALL-NDT-2107-002A	
Location:	BAROID YARD	JOB NO:	2712025	
Inspection Date:	Friday, June 27, 2025	Next Inspection Date:	Friday, December 26, 2025	
Type Of Inspection:	VISUAL , THOROUGH EXAMINATION & MAGNETIC PARTICLE INSPECTION	Specification:	ASTM E709 -21	
		UNIT DESCRIPTION:	SYSTEM TANK PAD EYES	
		UNIT S/N:	16522	
		UNIT DIMENSIONS:	15.2 M(L) X 3.04 M(W) X 3.10 M(H)	
		PAD EYES QTY	PAD EYES DIMENSION	UNIT MAX GROSS WEIGHT
		04	Thickness :- 26 MM Pin Hole :- 34 MM Length :- 150 MM Height :- 105 MM	13700 KG
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 QUALIFICATION ASNT LEVEL II MT & PT & VT STAMP & SIGNATURE: 	SENIOR INSPECTOR:	MOHAMED ABDALLAH
S.No:	1657	S.No:	2722003	S.No:	201504052			
Cal Due Date:	7-Oct-25	Cal Due Date:	9-Oct-25	Cal Due Date:	7-Oct-25			
Black Magnetic Ink Manufacture:	Magnaflux	Batch No:	230604	Expiry Date:	JUNE,2026			
Whie Contrast Paint Manufacture:	Magnaflux	Batch No:	230408	EXPIRE DATE:	APRIL,2026			
Technical Details:	Magnetic Partical Concentration		Method		WMPT Light Intensity	CLIENT:		
	1.2 to 2.4 ml/100 ml		Wet Magnetic Particle Testing (WMPT)		3640 Lux			

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

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CERTIFICATION OF VISUAL THOROUGH EXAMINATION & MAGNETIC PARTICLE INSPECTION

Client:	HALLIBURTON BAROID	Report No:	QC-25-HALL-NDT-2107-002B
Location:	BAROID YARD	JOB NO:	2712025
Inspection Date:	Friday, June 27, 2025	Next Inspection Date:	Friday, December 26, 2025
Type Of Inspection:	VISUAL , THOROUGH EXAMINATION & MAGNETIC PARTICLE INSPECTION	Specification:	ASTM E709 -21
	UNIT DESCRIPTION:	SYSTEM TANK LIFTING LUGS	
	UNIT S/N:	28621	
	UNIT DIMENSIONS:	15.2 M(L) X 3.04 M(W) X 3.10 M(H)	
	UNIT MAX GROSS WEIGHT	13700 KG	
	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

Equipment:	AC-Yoke Test Block	Equipment:	Digital Lux Meter	Equipment:	AC/DC Yoke
S.No:	1657	S.No:	2722003	S.No:	201504052
Cal Due Date:	7-Oct-25	Cal Due Date:	9-Oct-25	Cal Due Date:	7-Oct-25
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Technical Details:	Magnetic Partical Concentration		Method		WMPT Light Intensity
	1.2 to 2.4 ml/100 ml		Wet Magnetic Particle Testing (WMPT)		3640 Lux

PERSON DETAILS

INSPECTOR NAME:	ASHRAF ELSAID
QUALIFICATION	ASNT LEVEL II MT & PT & VT
STAMP & SIGNATURE:	

REVIEW BY

SENIOR INSPECTOR:	MOHAMED ABDALLAH
CLIENT:	

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