

**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 (HPS)	Report No:	QC/25/HALL-HPS-MARCH-007A
Location:	HPS YARD	Job Number:	QC-25/HALL-HPS-008
Date:	Thursday, March 20, 2025	Next Inspection Date:	Friday, September 19, 2025
Type Of Inspection:	VISUAL , THOROUGH EXAMINATION & MAGNETIC PARTICLE INSPECTION		Specification: ASTM E709 & ASTM E 1444 (2016) ASME V Article 7 (2019)
		UNIT DESCRIPTION:	FRAC TANK LIFTING LUGS
		UNIT S/N:	11243969
		UNIT DIM:	13.50 M (L) X 2.50 M (W) X 3.55 M (H)
		INSPECTION RESULT :	
VISUAL , THOROUGH EXAMINATION		unit fully inspected and found freedom from deforms, cracks, corrosion & mechanical damage	
MAGNETIC PARTICLE INSPECTION		Welds & forgn areas inspected and found freedom 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
S.No:	1657	S.No:	2722003
Cal Due Date:	11-Apr-25	Cal Due Date:	13-Apr-25
Black Magnetic Ink Manufacture:	Magnaflux	Batch No:	230604
Whie Contrast Paint Manufacture:	Magnaflux	Batch No:	230408
Equipment:	AC/DC Yoke	Expiry Date:	MAY.2026
S.No:	201504052	Expiry Date:	APRIL,2026
Cal Due Date:	11-Apr-25	Expiry Date:	APRIL,2026
Technical Details:	Magnetic Partical Concentration	Method	WMPT Light Intensity
	1.2 to 2.4 ml/100 ml	Wet Magnetic Particle Testing (WMPT)	3630 Lux
PERSON DETAILS			
INSPECTOR NAME:	ASHRAF ELSAID		
QUALIFICATION:	ASNT LEVEL II MT & PT & VT		
STAMP & SIGNATURE:			
REVIEW BY			
SENIOR INSPECTOR:	Mohamed Abdullah		
SUPERVISOR:	HANI ALI		
CLIENT:			
Original - Client Files Copy - Area Office QC/FN/MPI/065 Rev.00 DATED 07 Nov 2021			