

**AI TAKAMUL COMPANY FOR ENGINEERING TESTS
AND PROFESSIONAL SAFETY LIMITED**
Basra, North Rumaila, Quality Control Yard - Iraq



DEFECTED CERTIFICATE OF VISUAL THOROUGH EXAMINATION & MAGNETIC PARTICLE INSPECTION

Client:	HALLIBURTON BAROID	Report No:	QC-07-2024-BARIOD-01	
Location:	BAROID BASE	Job Number:	QC-07-2024-0454	
Date:	19-Jul-2024	Next Inspection Date:	AFTER REPAIR	
Type Of Inspection:	VISUAL , THOROUGH EXAMINATION & MAGNETIC PARTICLE INSPECTION		Specification:	ASTM E709 & ASTM E 1444 (2016) ASME V Article 7 (2019)
  		UNIT DESCRIPTION:	MUD LAB ISO CORNER	
		UNIT S/N:	RSHO373950	
		UNIT DIM:	L:6 M X W: 2.45 M X H: 2.60 M	
		ISO CORNER S/N:	P1. P2. P3.P4	
		INSPECTION RESULT :		
VISUAL , THOROUGH EXAMINATION	unit was found Unacceptable Due to ISO CORNER was welding area crack Rejected			
MAGNETIC PARTICLE INSPECTION	ISO CORNER was welding area crack Rejected			
FINAL RESULTS	REJECTED			
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:		SENIOR INSPECTOR:	ASHRAF ELSAID
S.No:	1657	S.No:	2722003	S.No:	201504052				
Cal Due Date:	14-Oct-24	Cal Due Date:	16-Oct-24	Cal Due Date:	14-Oct-24				
Black Magnetic Ink Manufacture:	Magnaflux	Batch No:	220605	Expiry Date:	JULY 2025	QUALIFICATION		SUPERVISOR:	HANI ALI
Whie Contrast Paint Manufacture:	Magnaflux	Batch No:	220602	Expiry Date:	JUN,2025	ASNT LEVEL II			
Technical Details:		Magnetic Partical Concentration	Method		WMPT Light Intensity	STAMP & SIGNATURE:		CLIENT:	
		1.2 to 2.4 ml/100 ml	Wet Magnetic Particle Testing (WMPT)		3630 Lux				

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