




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	Report No:	QC/24/HALL-TSS-1206-006								
Location:	TSS YARD	Job Number:	120624								
Date:	Monday, June 17, 2024	Next Inspection Date:	Monday, December 16, 2024								
Type Of Inspection:	VISUAL , THOROUGH EXAMINATION & MAGNETIC PARTICLE INSPECTION		Specification:	ASTM E709 & ASTM E 1444 (2016) ASME V Article 7 (2019)							
						UNIT DESCRIPTION:	PIPE RACK PAD EYES				
						UNIT S/N:	IB-14				
						PAD EYES S/N	QTY	PADEYE DIM	PADEYE SWL	UNIT MGW	
						B01	4	Thickness :- 21 mm	3.25 TON	5500 KG	
						B02		Pin Hole :- 35 mm			
						B03		Length :- 110 mm			
						B04		Height :- 116 mm			
						INSPECTION RESULT :					
						VISUAL , THOROUGH EXAMINATION			Unit fully inspected and found free from deforms, cracks, corrosion & mechanical damage		
						MAGNETIC PARTICLE INSPECTION			Weldings associate with padeyes and critical areas are 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:		SENIOR INSPECTOR:	ASHRAF ELSAID
S.No:	1657	S.No:	2722003	S.No:	201504052	QUALIFICATION		SUPERVISOR:	HANI ALI
Cal Due Date:	14-Oct-24	Cal Due Date:	16-Oct-24	Cal Due Date:	14-Oct-24	ASNT LEVEL II		CLIENT:	
Black Magnetic Ink Manufacture:	Magnaflux	Batch No:	220605	Expiry Date:	JULY.2025	MT & PT & VT			
Whie Contrast Paint Manufacture:	Magnaflux	Batch No:	220602	Expiry Date:	JUN,2025	STAMP & SIGNATURE:			
Technical Details:	Magnetic Partical Concentration		Method		WMPT Light Intensity				
	1.2 to 2.4 ml/100 ml		Wet Magnetic Particle Testing (WMPT)		3630 Lux				
Original - Client Files Copy - Area Office QC/FN/MP1/065 Rev.00 DATED 07 Nov 2021									