



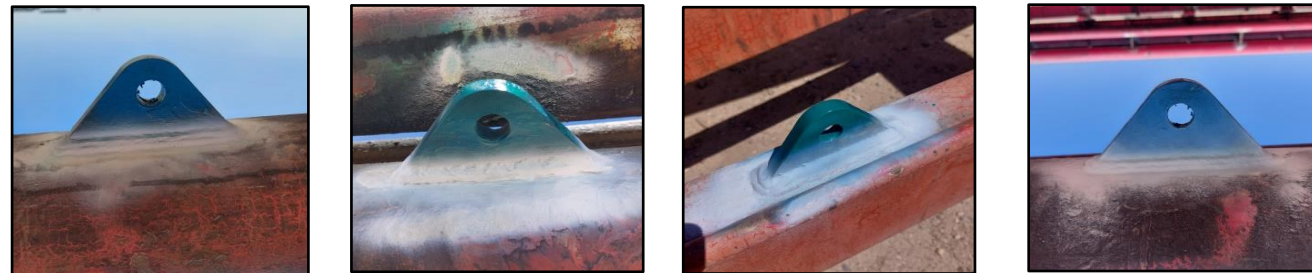
AI TAKAMUL COMPANY FOR ENGINEERING TESTS AND PROFESSIONAL SAFETY LIMITED


Basra, North Rumaila, Quality Control Yard - Iraq



CERTIFICATION OF VISUAL THOROUGH EXAMINATION & MAGNETIC PARTICLE INSPECTION

Client:	HALLIBURTON TSS	Report No:	QC-Halliburton-2024-0335-11			
Location:	TSS YARD	Job Number:	QC-Halliburton-2024-0335			
Date:	19-Sep-2024	Next Inspection Date:	18-Mar-2025			
Type Of Inspection:	VISUAL , THOROUGH EXAMINATION & MAGNETIC PARTICLE INSPECTION	Specification:	ASTM E709 & ASTM E 1444 (2016) ASME V Article 7 (2019)			
		UNIT DESCRIPTION:	FLARE STACK PAD EYES			
		UNIT S/N:	SAP NO:- 11433480			
		PAD EYES S/N	QTY	PADEYE DIM	SWL	REMARK
		JF1 JF2 JF3 JF4	4	Thickness :- 13 mm Pin Hole :- 19 mm Length :- 110 mm Height :- 65 mm	1 TON	Satisfactory
		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: MOHAMED ABDULLAH		SENIOR INSPECTOR:	MAHMOUD ALI
S.No:	1657	S.No:	2722003	S.No:	201504052			SUPERVISOR:	ASHRAF ELSAID
Cal Due Date:	14-Feb-2025	Cal Due Date:	14-Feb-2025	Cal Due Date:	14-Feb-2025			CLIENT:	
Black Magnetic Ink Manufacture:	Magnaflux	Batch No:	220605	Expiry Date:	JULY.2025	STAMP & SIGNATURE:			
Whie Contrast Paint Manufacture:	Magnaflux	Batch No:	220602	Expiry Date:	JUN,2025				
Technical Details:	Magnetic Partical Concentration	Method		WMPT Light Intensity					
	1.2 to 2.4 ml/100 ml	Wet Magnetic Particle Testing (WMPT)		3560 Lux					
Original - Client Files		Copy - Area Office		QC/FN/MPI/065 Rev.00 DATED 07 Nov 2021					

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Basra, North Rumaila, Quality Control Yard - Iraq



CERTIFICATION OF VISUAL THOROUGH EXAMINATION & MAGNETIC PARTICLE INSPECTION

Client:	HALLIBURTON TSS	Report No:	QC-Halliburton-2024-0335-12			
Location:	TSS YARD	Job Number:	QC-Halliburton-2024-0335			
Date:	19-Sep-2024	Next Inspection Date:	18-Mar-2025			
Type Of Inspection:	VISUAL , THOROUGH EXAMINATION & MAGNETIC PARTICLE INSPECTION	Specification:	ASTM E709 & ASTM E 1444 (2016) ASME V Article 7 (2019)			
		UNIT DESCRIPTION:	FLARE STACK PAD EYES			
		UNIT S/N:	SAP NO:- 11433480			
		PAD EYES S/N	QTY	PADEYE DIM	SWL	REMARK
		JF5 JF6	2	Thickness :- 13 mm Pin Hole :- 16 mm Length :- 78 mm Height :- 73 mm	1 TON	Satisfactory
		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: MOHAMED ABDULLAH		SENIOR INSPECTOR:	MAHMOUD ALI
S.No:	1657	S.No:	2722003	S.No:	201504052			SUPERVISOR:	ASHRAF ELSAID
Cal Due Date:	14-Oct-2024	Cal Due Date:	16-Oct-2024	Cal Due Date:	14-Oct-2024			CLIENT:	
Black Magnetic Ink Manufacture:	Magnaflux	Batch No:	220605	Expiry Date:	JULY.2025	STAMP & SIGNATURE:			
Whie Contrast Paint Manufacture:	Magnaflux	Batch No:	220602	Expiry Date:	JUN,2025				
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/MPI/065 Rev.00 DATED 07 Nov 2021					