


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-07-2023-RES-001	
Location:	HALLIBURTON RES	Job Number:	QC-07-2023-0770	
Date:	12-Jul-2023	Next Inspection Date:	11-Jan-2024	
Type Of Inspection:	VISUAL , THOROUGH EXAMINATION & MAGNETIC PARTICLE INSPECTION			
		Specification:	ASTM E709 & ASTM E 1444 (2016) ASME V Article 7 (2019)	
		UNIT DESCRIPTION: TRANSFORMER		
		UNIT S/N: 12122RFQ#1		
		DIAMENIONS 3.35M (Length) X 2.10 M (Width) X 2.50M (Height)		
PAD EYE S/N	QTY	PAD EYES DIMENSION	SWL	REMARK
P1	04	Thickness :- 22 MM	6.5 TONS	Satisfactory
P2		Pin Hole :- 32 MM		
P3		Length :- 110 MM		
P4		Height :- 110 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 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:	NAVEED HUSSAIN	SENIOR INSPECTOR:	M. NAQASH
S.No:	1657	S.No:	2722003	S.No:	201504048	QUALIFICATION ASNT LEVEL II MT & PT & VT 	SUPERVISOR:	HANI ALI	
Cal Due Date:	18-Aug-23	Cal Due Date:	18-Aug-23		CLIENT:				
Black Magnetic Ink Manufacture:	Magnaflux	Batch No:	220605	Expiry Date:	JULY.2025				
Whie Contrast Paint Manufacture:	Magnaflux	Batch No:	220602	Expiry Date:	JUN,2025				
Technical Details:	Magnetic Partical Concentration 1.2 to 2.4 ml/100 ml	Method Wet Magnetic Particle Testing (WMPT)	WMPT Light Intensity 3512 Lux		STAMP & SIGNATURE:				
Original - Client Files Copy - Area Office QC/FN/MPI/065 Rev.00 DATED 07 Nov 2021									