



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 SPERRY	Report No:	QC-Hall-25-07-0210-001
Location:	SPERRY YARD	Job Number:	QC-Hall-25-07-0210
Inspection Date:	19-Jul-2025	Inspection Due Date:	18-Jan-2026
Type Of Inspection:	VISUAL , THOROUGH EXAMINATION & MAGNETIC PARTICLE INSPECTION	Specification:	ASTM E709 & ASTM E 1444 (2016) ASME SEC V Article 7 (2019)
		UNIT DESCRIPTION:	LITHIUM METAL BATTERY LAB ISO CORNER WELDING AREA
		UNIT S/N:	A5926-1/10 S.NO: 12084976
		UNIT DIMENSIONS:	6.30 M (L) X 2.43 M (W) X 2.55 M (H)
		ISO CORNER S/N:	01 TO 04 TARE WEIGHT 4500 Kgs
		INSPECTION RESULT :	
VISUAL , THOROUGH EXAMINATION		unit fully inspected and found free from deforms, cracks, corrosion & mechanical damage	
MAGNETIC PARTICLE INSPECTION		forgn areas 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: ASHRAF ELSAID		SENIOR INSPECTOR:	NAVEED HUSSAIN	
S.No:	1657	S.No:	2722003	S.No:	201504052			QUALIFICATION: ASNT LEVEL II MT & PT & VT	SUPERVISOR:	MOHAMMED ABDALLA
Cal Due Date:	7-Oct-2025	Cal Due Date:	9-Oct-2025	Cal Due Date:	7-Oct-2025			STAMP & SIGNATURE:	CLIENT:	
Black Magnetic Ink Manufacture:	Magnaflux	Batch No:	230604	Expiry Date:	MAY.2026					
Whie Contrast Paint Manufacture:	Magnaflux	Batch No:	230408	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)		3670 Lux					
Cal Due Date:13.APRIL.2025	Black Magnetic Ink Concentration 7 HF		1.2 to 2.4 ml/100 ml		EXPIRE DATE:	1-Jul-2025				

