



# 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

<b>Client:</b>	HALLIBURTON SPERRY	<b>Report No:</b>	QC-Hall-25-07-0210-002
<b>Location:</b>	SPERRY YARD	<b>Job Number:</b>	QC-Hall-25-07-0210
<b>Inspection Date:</b>	19-Jul-2025	<b>Inspection Due Date:</b>	18-Jan-2026
<b>Type Of Inspection:</b>	VISUAL , THOROUGH EXAMINATION & MAGNETIC PARTICLE INSPECTION	<b>Specification:</b>	ASTM E709 & ASTM E 1444 (2016) ASME SEC V Article 7 (2019)
		<b>UNIT DESCRIPTION:</b>	JAR TESTER CONTAINER ISO CORNER WELDING AREA
		<b>UNIT S/N:</b>	GVTU550008 5 ( 09SB 801580 )
		<b>UNIT DIMENSIONS:</b>	12.20 M (L) X 2.97 M (W) X 2.90 M (H)
		<b>ISO CORNER S/N:</b>	01 TO 04 TARE WEIGHT 2500 Kgs
		<b>INSPECTION RESULT :</b>	
<b>VISUAL , THOROUGH EXAMINATION</b>		unit fully inspected and found free from deforms, cracks, corrosion & mechanical damage	
<b>MAGNETIC PARTICLE INSPECTION</b>		forgn areas inspected and found free from cracks and other defects	
<b>FINAL RESULTS</b>		unit found satisfactory and free of defects at the time of inspection	
<b>COMMENT:</b>			
Magnetic Particle Inspection With A/C Hand Yoke , Black & White Contrast			



EQUIPMENT DETAILS						PERSON DETAILS		REVIEW BY		
<b>Equipment:</b>	AC-Yoke Test Block	<b>Equipment:</b>	Digital Lux Meter	<b>Equipment:</b>	AC/DC Yoke	<b>INSPECTOR NAME:</b> ASHRAF ELSAID		<b>SENIOR INSPECTOR:</b>	NAVEED HUSSAIN	
<b>S.No:</b>	1657	<b>S.No:</b>	2722003	<b>S.No:</b>	201504052			<b>QUALIFICATION:</b> ASNT LEVEL II MT & PT & VT	<b>SUPERVISOR:</b>	MOHAMMED ABDALLA
<b>Cal Due Date:</b>	7-Oct-2025	<b>Cal Due Date:</b>	9-Oct-2025	<b>Cal Due Date:</b>	7-Oct-2025			<b>STAMP &amp; SIGNATURE:</b>	<b>CLIENT:</b>	
<b>Black Magnetic Ink Manufacture:</b>	Magnaflux	<b>Batch No:</b>	230604	<b>Expiry Date:</b>	MAY.2026					
<b>Whie Contrast Paint Manufacture:</b>	Magnaflux	<b>Batch No:</b>	230408	<b>Expiry Date:</b>	APRIL,2026					
<b>Technical Details:</b>	<b>Magnetic Partical Concentration</b>		<b>Method</b>		<b>WMPT Light Intensity</b>					
	1.2 to 2.4 ml/100 ml		Wet Magnetic Particle Testing (WMPT)		3670 Lux					
<b>Cal Due Date:13.APRIL.2025</b>	Black Magnetic Ink Concentration 7 HF		1.2 to 2.4 ml/100 ml		<b>EXPIRE DATE:</b>	1-Jul-2025				