

# 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 CMT	<b>Report No:</b>	QC-25-04-HALL-NDT-049
<b>Location:</b>	CMT YARD	<b>Job Number:</b>	4042025
<b>Inspection Date:</b>	Friday, April 4, 2025	<b>Next Inspection Date:</b>	Friday, October 3, 2025
<b>Type Of Inspection:</b>	VISUAL, THOROUGH EXAMINATION & MAGNETIC PARTICLE INSPECTION	<b>Specification:</b>	ASTM E709 & ASTM E 1444 (2016) ASME V Article 7 (2019)
		<b>UNIT DESCRIPTION:</b>	ISO CORNER CONTAINER
		<b>UNIT S/N:</b>	CBHU169216-3
		<b>UNIT DIM:</b>	12.060 M (L) X 2.30 M (W) X 2.46 M (H)
		<b>UNIT MAX GROSS WEIGHT:</b>	30,480 KG
		<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>		Welds & 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>	MOHAMED ABDALLAH
<b>S.No:</b>	1657	<b>S.No:</b>	2722003	<b>S.No:</b>	201504052				
<b>Cal Due Date:</b>	11-Apr-25	<b>Cal Due Date:</b>	13-Apr-25	<b>Cal Due Date:</b>	11-Apr-25	<b>QUALIFICATION:</b> ASNT LEVEL II MT & PT & VT			
<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>STAMP &amp; SIGNATURE:</b>		<b>CLIENT:</b>	
<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				

Original - Client Files

Copy - Area Office

QC/FN/MPI/065 Rev.00 DATED 07 Nov 2021



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