




**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>	<b>HALLIBURTON</b> (TCP)	<b>Report No:</b>	QC-24-03-TCP-MS-015	
<b>Location:</b>	TCP YARD	<b>Job Number:</b>	170324	
<b>Inspection Date:</b>	Monday, March 18, 2024	<b>Next Inspection Date:</b>	Monday, March 17, 2025	
<b>Type Of Inspection:</b>	VISUAL , THOROUGH EXAMINATION & MAGNETIC PARTICLE INSPECTION	<b>Specification:</b>	(DOCUMENT NUMBER ST-GL-HAL-SD-HSE003) ST-GL-HAL-HSE-0419 ASTM E709 & ASTM E 1444 (2016) ASME V Article 7 (2019)	
	<b>UNIT DESCRIPTION:</b>	<b>TOOLS RACK</b>		
	<b>UNIT S/N:</b>	<b>SPX/RSU1164903</b>		
	<b>SWL PER SHELF:</b>	<b>500 KG</b>		
	<b>UNIT DIMENSION:</b>	<b>L:3.00 M X H:2.00 M X W:0.45 M</b>		
	<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> M.Shahzad Ahmed  <b>QUALIFICATION</b> ASNT LEVEL II MT & PT & VT  <b>STAMP &amp; SIGNATURE:</b> 	<b>SENIOR INSPECTOR:</b>	ASHRAF ELSAID	
<b>S.No:</b>	1657	<b>S.No:</b>	2722003	<b>S.No:</b>	201504052		<b>SUPERVISOR:</b>	HANI ALI	
<b>Cal Due Date:</b>	12-Aug-24	<b>Cal Due Date:</b>	14-Aug-24	<b>Cal Due Date:</b>	12-Aug-24		<b>CLIENT:</b>		
<b>Black Magnetic Ink Manufacture:</b>	Magnaflux	<b>Batch No:</b>	220605	<b>Expiry Date:</b>	JULY.2025				
<b>Whie Contrast Paint Manufacture:</b>	Magnaflux	<b>Batch No:</b>	220602	<b>Expiry Date:</b>	JUN,2025				
<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)		3610 Lux				

Original - Client Files      Copy - Area Office      QC/FN/MPI/065      Rev.00      DATED 07 Nov 2021



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