

**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 (TCP)	Report No:	QC-24-03-TCP-MS-002	
Location:	TCP YARD	Job Number:	170324	
Inspection Date:	Sunday, March 17, 2024	Next Inspection Date:	Sunday, March 16, 2025	
Type Of Inspection:	VISUAL , THOROUGH EXAMINATION & MAGNETIC PARTICLE INSPECTION	Specification:	(DOCUMENT NUMBER ST-GL-HAL-SD-HSE003) ST-GL-HAL-HSE-0419 ASTM E709 & ASTM E 1444 (2016) ASME V Article 7 (2019)	
	UNIT DESCRIPTION:	TOOLS RACK		
	UNIT S/N:	ITS333476		
	SWL PER ARM:	2000 KG		
	UNIT DIMENSION:	L:3.65 M X H:2.81 M X W:2.90 M		
	INSPECTION RESULT :			
	VISUAL , THOROUGH EXAMINATION	unit fully inspected and found free from deforms, cracks, corrosion & mechanical damage		
MAGNETIC PARTICLE INSPECTION	Welds & 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: M.Shahzad Ahmed QUALIFICATION ASNT LEVEL II MT & PT & VT STAMP & SIGNATURE:	SENIOR INSPECTOR:	ASHRAF ELSAID	
S.No:	1657	S.No:	2722003	S.No:	201504052		SUPERVISOR:	HANI ALI	
Cal Due Date:	12-Aug-24	Cal Due Date:	14-Aug-24	Cal Due Date:	12-Aug-24		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		Method		WMPT Light Intensity				
	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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