

**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 (HCT)	Report No:	QC-25-02-MS-HCT-047A
Location:	HALLIBURTON HCT WORKSHOP	Job Number:	17022025
Inspection Date:	Monday, February 17, 2025	Next Inspection Date:	Saturday, August 16, 2025
Type Of Inspection:	VISUAL , THOROUGH EXAMINATION & MAGNETIC PARTICLE INSPECTION	STANDARD:	DS-1 VOLUME-4 FIFTH EDITION CLASS A1
	Adapter Upper SAP:101521864, AEK1319311	HCT DOC:	MAN-GL-HAL-HCT-900 REV NO.6.3
	Sleeve Valve SAP:101521941, ABH1347060	TOOL DESCRIPTION:	9-3/8" - 9-7/8" VERSAFLEX LINER HANGER
	Baffle SAP: 101521942, ABH1448388	IDENTIFICATION NUMBER:	SAP Unique#12278203,SAP PART#102332239,IRQ15
	Shoe SAP:101521944, AEK1343668	INSPECTION RESULT :	
	Body Lug SAP:101521868, AEK1324051	VISUAL , THOROUGH EXAMINATION	VISUAL & MAGNETIC PARTICLE INSPECTION (M.P.I.) HAD BEEN DONE ON THE AVAILABLE AREAS FOR THE ABOVE DESCRIPTION
	Mandrel Slot SAP: 101521947, AAF1323686	MAGNETIC PARTICLE INSPECTION	Thread & Available critical areas inspected and found free from cracks and other defects
	Sleeve Locking SAP:101521870, AJA2206432	FINAL RESULTS	THE ABOVE INSPECTED AREAS WAS ACCEPTED
	Ring Support SAP: 102394336, C-3568505	COMMENT:	
	Piston Force SAP: 101522097, AEK1343869-2	(MPI Wet Fluorescent Inspection Thread & Body With UltraViolet Light)	
	Spacer Piston SAP:101522181, ZH11438053-03	Magnetic Particle Inspection With A/C Hand Yoke , Black & White Contrast	
	Cone Mandrel SAP: 101522267, AEK1803396		
	FLAPPER SAP:101522174, AEK1445219-3		
	Sleeve Adjusting SAP:101522083, BAC21A2109-4		
	Retainer Locking SAP:101521890, ABH1346409		
	Mandrel Sealing SAP:101522266, ZH14390320-2		
Cylinder Force SAP: 101311497, ABH1448867			
Mandrel Sealing SAP:101522267, PD1443615-4			
Sleeve X over SAP:101522077, ALQ13368			
Upper Half Piston SAP:101522035, AAF1323645			
Body X Over SAP:101522080, PD1342361			
Mandrel Piston SAP:101542959, ALQ1593-02			
Sleeve Valve SAP:101522033, ABH1345044			

EQUIPMENT DETAILS						PERSON DETAILS		REVIEW BY	
EQUIPMENT :	AC/DC HAND Yoke	EQUIPMENT :	Shooting Coil DC	EQUIPMENT :	UV BLACK LIGHT: 3170 $\mu\text{w}/\text{cm}^2$	INSPECTOR NAME:	M.Shahzad Ahmed	SENIOR INSPECTOR:	NAVEED HUSSAIN
S.NO:	201504052	S.NO:	22650	S.NO:	1898977	QUALIFICATION:	ASNT LEVEL II MT & PT & VT	SUPERVISOR:	HANI ALI
Cal Due Date:	11.APRIL.2025	Cal Due Date:	12.APRIL.2025	Cal Due Date:	11.APRIL.2025		CLIENT:		
FLUORESCENT 14HF	Magnaflux	Batch No:	230503	EXPIRE DATE:	MAY.2026				
White Contrast Paint Manufacture:	Magnaflux	Batch No:	230408	EXPIRE DATE:	APRIL,2026				
TECHNICAL DETAILS					Black Magnetic Ink Manufacture: 7HF				
Digital Lux Meter WHITE LIGHT INTENSITY:					Batch No: 230604				
3590 Lux/S.NO:2722003	Wet FLUORESCENT Particle Concentration 14 HF		0.1 to 0.4 ml/100 ml		EXPIRE DATE:	JUNE.2026			
Cal Due Date:13.APRIL.2025	Black Magnetic Ink Concentration 7 HF		1.2 to 2.4 ml/100 ml						

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