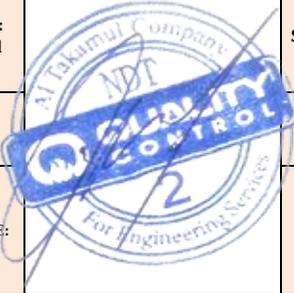


**AI TAKAMUL COMPANY FOR ENGINEERING TESTS
AND PROFESSIONAL SAFETY LIMITED**
Basra, North Rumaila, Quality Control Yard - Iraq



CERTIFICATION OF VISUAL, THOROUGH EXAMINATION & MAGNETIC PARTICLE INSPECTION

Client:	HALLIBURTON (HCT)	Report No:	QC-25-09-MS-HCT-324B
Location:	HALLIBURTON HCT WORKSHOP	Job Number:	04092025
Inspection Date:	Saturday, September 6, 2025	Next Inspection Date:	Thursday, March 5, 2026
Type Of Inspection:	VISUAL , THOROUGH EXAMINATION & MAGNETIC PARTICLE INSPECTION	STANDARD:	DS-1 VOLUME-4 FIFTH EDITION CLASS A1
 	PISTON 101522097, B#AEK2208629-2	HCT DOC:	MAN-GL-HAL-HCT-900 REV NO.6.8 (REV DATE : 22-JUL-2025)
	CYLINDER 101311497, B#AFQ2166262-2	TOOL DESCRIPTION:	7/5-8" X 9 5/8" VERSAFLEX HT XSL
	COUPLING 101522117, B#AEK2208602-1		
	MANDREL, EXPANSION SAP:102841847, B#ALQ21361-04	IDENTIFICATION NUMBER:	EQ#13742275,SAP#102849536, BATCH#0004709946, IRQ-21,
	RETAINER SAP:102841744, B# AME21K1107-03		
	CONE MANDREL SAP:102841741, B#AEK2208617-1	INSPECTION RESULT :	
	PISTON MANDREL SAP:102822815, B#0004715613-1	VISUAL , THOROUGH EXAMINATION	unit fully inspected and found free from deforms, cracks, corrosion & mechanical damage
	CONE SHOE SAP:102759865, B#AME21L0127-3	MAGNETIC PARTICLE INSPECTION	Thread & Available critical areas inspected and found free from cracks and other defects
	ADAPTER SAP:102675303,B#ALG2162723	FINAL RESULTS	THE ABOVE INSPECTED AREAS WAS ACCEPTED
	RING, SPACER SAP:101522179, B#ALG2163140	COMMENT: (MPI Wet Fluorescent Inspection Thread & Body With UltraViolet Light) Magnetic Particle Inspection With A/C Hand Yoke , Black & White Contrast	
	PISTON, DAMPER SAP:101585578 ,B#ALG2163141		
	COLLET, PROP SAP:102078649, B#ALA214945-1		
	FLAPPER SEAT SAP:102082301, B#AV22021854-01		
	RETAINER SLIDING SAP:1013598819, B#AHF2273086		
	BUSHING SAP:101359817, B#ALP2200198-05		
BUSHING SAP:101359818, B#ALP2200417-05			
BUSHING SAP:101359817, B#ALP2200198-06			
LOAD SHOULDER SAP:101585577, B#KMM22210366-2			
SHOULDER SET DOWN SAP:101896275,B# AAEK2208604-4			
GUIDE GARTER SPRING SAP:102984645, B#AME21K1109-03			
RING SPLIT COLLET RETAINER SAP:102460705, B#ALP2103706			
COLLET SAP:102686987, B#AYX21M2523			
TORQUE PIN SAP:101522184,B# AB22296748			
TORQUE PIN SAP:101522184, B#AB22301073-01			

EQUIPMENT DETAILS						PERSON DETAILS		REVIEW BY	
EQUIPMENT :	AC/DC HAND Yoke	EQUIPMENT :	Shooting Coil DC	EQUIPMENT :	UV BLACK LIGHT: 3160 µw/cm ²	INSPECTOR NAME:	M.Shahzad Ahmed	SENIOR INSPECTOR:	NAVEED HUSSAIN
S.NO:	201504052	S.NO:	22650	S.NO:	87521	QUALIFICATION:	ASNT LEVEL II MT & PT & VT	SUPERVISOR:	HANI ALI
Cal Due Date:	07.OCT.2025	Cal Due Date:	08.OCT.2025	Cal Due Date:	09.OCT.2025				
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	STAMP & SIGNATURE:		CLIENT:	
3650 Lux/S.NO:2722003	Wet FLUORESCENT Particle Concentration 14 HF		0.1 to 0.4 ml/100 ml						
Cal Due Date:09.OCT.2025	Black Magnetic Ink Concentration 7 HF		1.2 to 2.4 ml/100 ml		EXPIRE DATE:	JUNE.2026			

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