

**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-337B	
Location:	HALLIBURTON HCT WORKSHOP	Job Number:	04092025	
Inspection Date:	Sunday, September 7, 2025	Next Inspection Date:	Friday, March 6, 2026	
Type Of Inspection:	VISUAL , THOROUGH EXAMINATION & MAGNETIC PARTICLE INSPECTION	STANDARD:	DS-1 VOLUME-4 FIFTH EDITION CLASS A1	
 	PISTON 101522097, B#AEK1343569-2	HCT DOC:	MAN-GL-HAL-HCT-900 REV NO.6.8 (REV DATE : 22-JUL-2025)	
	CYLINDER 101311497, B#ABH1448867	TOOL DESCRIPTION:	9.625" X 7.746" VERSAFLEX EXPANDABLE LINER HANGER RUNNING TOOLS HIGH TORQUE RUNNING TOOL (SAP NO 102849536)	
	COUPLING 101522117, B#FA149146-03			
	MANDREL, EXPANSION SAP:102841847, B#12841847	CVRSN KIT	EQ:13332852 , B#4312018, IRQ_002	
	RETAINER SAP:102841744, B#ALG1953064	HT	EQ:12340799 , B#3212142, IRQ_17	
	CONE MANDREL SAP:102841741, B#AEK1905232-1	INSPECTION RESULT :		
	PISTON MANDREL SAP:102822815, B#0004862763-02	VISUAL , THOROUGH EXAMINATION	unit fully inspected and found free from deforms, cracks, corrosion & mechanical damage	
	CONE SHOE SAP:102759865, B#0004316055	MAGNETIC PARTICLE INSPECTION	Thread & Available critical areas inspected and found free from cracks and other defects	
	ADAPTER SAP:102675303, B#ALG1953001	FINAL RESULTS	THE ABOVE INSPECTED AREAS WAS ACCEPTED	
	RING, SPACER SAP:101522179, B#ABH1347678			
	PISTON, DAMPER SAP:101585578, B#AEK14537771	COMMENT: (MPI Wet Fluorescent Inspection Thread & Body With UltraViolet Light) Magnetic Particle Inspection With A/C Hand Yoke , Black & White Contrast		
	COLLET, PROP SAP:102078649, B#KM-19-38271-02			
	FLAPPER SEAT SAP:102082301, B#SAL2300509-02			
	RETAINER SLIDING SAP:1013598819,			
	BUSHING SAP:101359817, B#AEF1215133			
BUSHING SAP:101359818, B#ALP2200417-09				
BUSHING SAP:101359817, B#AEF1215133				
LOAD SHOULDER SAP:101585577, B#0004862761-01				
SHOULDER SET DOWN SAP:101896275, B#0004254331-1				
GUIDE GARTER SPRING SAP:102984645, B#ALA2141753-03				
RING SPLIT COLLET RETAINER SAP:102460705, B#AYX19M1945-2				
COLLET SAP:102686987, B#AXY19M1853-1				
TORQUE PIN SAP:101522184,				
TORQUE PIN SAP:101522184,				

EQUIPMENT DETAILS						PERSON DETAILS		REVIEW BY	
EQUIPMENT :	AC/DC HAND Yoke	EQUIPMENT :	Shooting Coil DC	EQUIPMENT :	UV BLACK LIGHT: 3080 µw/cm ²	INSPECTOR NAME:	M.Shahzad Ahmed	SENIOR INSPECTOR:	NAVEED HUSSAIN
S.NO:	201504052	S.NO:	22650	S.NO:	87521		STAMP & SIGNATURE:	SUPERVISOR:	HANI ALI
Cal Due Date:	07.OCT.2025	Cal Due Date:	08.OCT.2025	Cal Due Date:	09.OCT.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	Digital Lux Meter WHITE LIGHT INTENSITY: 3590 Lux/S.NO:2722003 Wet FLUORESCENT Particle Concentration 14 HF 0.1 to 0.4 ml/100 ml Batch No:230604 Cal Due Date:09.OCT.2025 Black Magnetic Ink Concentration 7 HF 1.2 to 2.4 ml/100 ml EXPIRE DATE: JUNE.2026				Black Magnetic Ink Manufacture:7HF				

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