

**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-047B
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



Ring Torque SAP:101521943, ABH1346937
Sleeve Load SAP:101522191,ZM14379666-04
Piston VLH SAP:101663519 , AEK2208951
Collet SAP:101522175, ABJ1451091
CAP SAP:101521909, ABH1347017
Mandrel Collet SAP:101522124, BD1442934-4
Coupling SAP: 101522072, AEK1323536
Coupling Center SAP:101522117, AF138326-03
Retainer Locking SAP:101324609, EA149168-03
Coupling Lower SAP:101522121, ABJ1350071
Mandrel Valve Sleeve SAP:101522039, ABC21A0792-1
Nut Collapsible Cone SAP: 102286518, B-C-3568582
Load Shoulder SAP:101585577, AEK1343075
Retainer X Over SAP: 101522178, ABH1347006
Ring Spacer SAP:101522179, ABH1347016
Piston Damper SAP:101585578, AKB130396
Sleeve Port SAP:101311533, AEK1344077-1
Bushing SAP:101359818, AAF1220618-11
Bushing SAP:101359817, AEF1215133
Retainer Sliding SAP:101359819, AAL0701325
Flapper Seat Sub SAP:102082301, ALA2342060-01

HCT DOC:	MAN-GL-HAL-HCT-900 REV NO.63
TOOL DESCRIPTION:	9-3/8" - 9-7/8" VERSAFLEX LINER HANGER
IDENTIFICATION NUMBER:	SAP Unique#12278203,SAP PART#102332239,IRQ15
INSPECTION RESULT :	
VISUAL , THOROUGH EXAMINATION	VISUAL & MAGNETIC PARTICLE INSPECTION (M.P.I.) HAD BEEN DONE ON THE AVAILABLE AREAS FOR THE ABOVE DESCRIPTION
MAGNETIC PARTICLE INSPECTION	Thread & Available critical areas inspected and found free from cracks and other defects
FINAL RESULTS	THE ABOVE INSPECTED AREAS WAS ACCEPTED
COMMENT:	
(MPI Wet Fluorescent Inspection Thread & Body With UltraViolet Light) Magnetic Particle Inspection With A/C Hand Yoke , Black & White Contrast	



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	STAMP & SIGNATURE:		CLIENT:	
FLUORESCENT 14HF	Magnaflux	Batch No:	230503	EXPIRE DATE:	MAY.2026				
White Contrast Paint Manufacturer:	Magnaflux	Batch No:	230408	EXPIRE DATE:	APRIL,2026				
Technical Details	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