

**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**

<b>Client:</b>	<b>HALLIBURTON (HCT)</b>	<b>Report No:</b>	<b>QC-25-08-MS-HCT-289B</b>
<b>Location:</b>	<b>HALLIBURTON HCT WORKSHOP</b>	<b>Job Number:</b>	<b>10082025</b>
<b>Inspection Date:</b>	<b>Sunday, August 10, 2025</b>	<b>Next Inspection Date:</b>	<b>Monday, February 9, 2026</b>
<b>Type Of Inspection:</b>	<b>VISUAL , THOROUGH EXAMINATION &amp; MAGNETIC PARTICLE INSPECTION</b>	<b>STANDARD:</b>	<b>DS-1 VOLUME-4 FIFTH EDITION CLASS A1</b>
	<b>CYLINDER 101311497, AFQ2268122-2</b>	<b>HCT DOC:</b>	<b>MAN-GL-HAL-HCT-900 REV NO.6.8 ( REV DATE : 22-JUL-2025 )</b>
	<b>COUPLING 101522117, AEK2208602-2</b>	<b>TOOL DESCRIPTION:</b>	<b>7-5/8" X 9-5/8" VERSAFLEX HT XSL</b>
	<b>MANDREL, EXPANSION 103131409</b>	<b>IDENTIFICATION NUMBER:</b>	<b>EQ#13742276,SAP#102849536,IRQ-20,BATCH#0004709947</b>
	<b>RETAINER 102841744, AME21K1107-01</b>	<b>INSPECTION RESULT :</b>	
	<b>CONE MANDREL 102841741, AEK2208617-03</b>	<b>VISUAL , THOROUGH EXAMINATION</b>	unit fully inspected and found free from deforms, cracks, corrosion & mechanical damage
	<b>PISTON MANDREL 102822815, 0004715613-2</b>	<b>MAGNETIC PARTICLE INSPECTION</b>	Thread & Available critical areas inspected and found free from cracks and other defects
	<b>CONE SHOE 102759865, AME21L0127-06</b>	<b>FINAL RESULTS</b>	THE ABOVE INSPECTED AREAS WAS ACCEPTED
	<b>ADAPTER 102675303, ALG2162723</b>	<b>COMMENT:</b>	
	<b>RING, SPACER 101522179, ALG2264291</b>	(MPI Wet Fluorescent Inspection Thread With UltraViolet Light)	
	<b>PISTON, DAMPER 101585578 ,ALG2163141</b>	Magnetic Particle Inspection With A/C Hand Yoke , Black & White Contrast	
	<b>COLLET, PROP 102078649, ALA214945-02</b>		
	<b>FLAPPER SEAT 102082301, AV22021854-01</b>		
	<b>RETAINER SLIDING 1013598819, AHF2273086-3</b>		
	<b>BUSHING 101359817, ALP2200198-04-03</b>		
	<b>BUSHING 101359818, ALP2200417-06</b>		
<b>EXP MANDREL 102841847, ALQ21361-02</b>			
<b>SLEEVE VALVE SAP:101522033, AME21L0129-01</b>			
<b>GID GTR SPG SAP:102984645, AME21L0256</b>			
<b>LOAD SHLDR SAP:101585577, RM22210366-01</b>			
<b>SHLDR SET SAP:101896275, AEK2208604-1</b>			
<b>RING SPLIT SAP:102460705, ALP2103524</b>			
<b>COLLET SAP:102686987, AYX21M2523-3</b>			

EQUIPMENT DETAILS						PERSON DETAILS		REVIEW BY	
<b>EQUIPMENT :</b>	<b>AC/DC HAND Yoke</b>	<b>EQUIPMENT :</b>	<b>Shooting Coil DC</b>	<b>EQUIPMENT :</b>	<b>UV BLACK LIGHT:</b> 3170 µw/cm <sup>2</sup>	<b>INSPECTOR NAME:</b>	<b>M.Shahzad Ahmed</b>	<b>SENIOR INSPECTOR:</b>	<b>NAVEED HUSSAIN</b>
<b>S.NO:</b>	<b>201504052</b>	<b>S.NO:</b>	<b>22650</b>	<b>S.NO:</b>	<b>87521</b>	<b>QUALIFICATION:</b>	<b>ASNT LEVEL II MT &amp; PT &amp; VT</b>	<b>SUPERVISOR:</b>	<b>HANI ALI</b>
<b>Cal Due Date:</b>	<b>07.OCT.2025</b>	<b>Cal Due Date:</b>	<b>08.OCT.2025</b>	<b>Cal Due Date:</b>	<b>09.OCT.2025</b>				
<b>FLUORESCENT 14HF</b>	Magnaflux	<b>Batch No:</b>	230503	<b>EXPIRE DATE:</b>	MAY.2026				
<b>White Contrast Paint Manufacture:</b>	Magnaflux	<b>Batch No:</b>	230408	<b>EXPIRE DATE:</b>	APRIL,2026				
<b>Digital Lux Meter WHITE LIGHT INTENSITY:</b>	<b>TECHNICAL DETAILS</b>				<b>SSSS</b>				
<b>3660 Lux/S.NO:2722003</b>	<b>Wet FLUORESCENT Particle Concentration 14 HF</b>		0.1 to 0.4 ml/100 ml		<b>Batch No:230604</b>				
<b>Cal Due Date:09.OCT.2025</b>	<b>Black Magnetic Ink Concentration 7 HF</b>		1.2 to 2.4 ml/100 ml		<b>EXPIRE DATE:</b>	<b>JUNE.2026</b>		<b>CLIENT:</b>	
<b>Original - Client Files</b>		<b>Copy - Area Office</b>		<b>QC/FN/MPI/065 Rev.00</b>		<b>DATED 07 NOV 2021</b>			