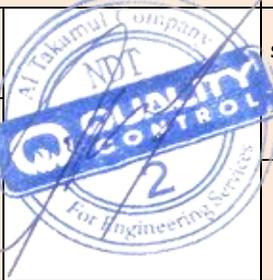


**AI TAKAMUL COMPANY FOR ENGINEERING TESTS  
AND PROFESSIONAL SAFETY LIMITED**  
Basra, North Rumaila, Quality Control Yard - Iraq



**CERTIFICATION OF VISUAL, THOROUGH EXAMINATION & MAGNETIC PARTICLE INSPECTION**

<b>Client:</b>	<b>HALLIBURTON (HCT)</b>				<b>Report No:</b>	<b>QC-25-09-MS-HCT-323B</b>						
<b>Location:</b>	<b>HALLIBURTON HCT WORKSHOP</b>				<b>Job Number:</b>	<b>04092025</b>						
<b>Inspection Date:</b>	<b>Thursday, September 4, 2025</b>				<b>Next Inspection Date:</b>	<b>Tuesday, March 3, 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>PISTON , FORCE SAP:101522097, B#AEK1035206</b>				<b>HCT DOC:</b>	<b>MAN-GL-HAL-HCT-900 REV NO.6.8 ( REV DATE : 22-JUL-2025 )</b>						
	<b>CYL, FORCE SAP:101311497, B#AFQ2271231-2</b>				<b>TOOL DESCRIPTION:</b>	<b>9.625" X 7.746" VERSAFLEX EXPANDABLE LINER HANGER RUNNING TOOLS HIGH TORQUE RUNNING TOOL ( SAP NO 102849536 )</b>						
	<b>COUPLING CENTER: SAP 101522117, B#FA138326-03</b>											
	<b>EXPANSION MANDREL : SAP: 102841847, B#ALQ19307</b>											
	<b>RETAINER DEBRIS SAP: 102841744, B#0004326603</b>				<b>CVRSN KIT</b>	<b>EQ 13399137, B 4330979,IRQ 3</b>						
	<b>CONE MANDREL SAP: 102841741, B#AEK2209947</b>				<b>HT</b>	<b>EQ 11654053, B2374449,IRQ11</b>						
	<b>PISTON MANDREL SAP:102822815, B#0004308351</b>				<b>INSPECTION RESULT :</b>							
	<b>CONE SHOE SAP: 102759865, B#0004316055</b>											
	<b>LOAD SHOULDER SAP:101585577, B#AEK10335204</b>				<b>VISUAL , THOROUGH EXAMINATION</b>	unit fully inspected and found free from deforms, cracks, corrosion & mechanical damage						
	<b>SHOULDER SET SAP:101896275, B#0004314385</b>				<b>MAGNETIC PARTICLE INSPECTION</b>	Thread & Available critical areas inspected and found free from cracks and other defects						
	<b>GUIDE GARTER SPRING SAP:102984645, B#ALA214753-04</b>				<b>FINAL RESULTS</b>	<b>THE ABOVE INSPECTED AREAS WAS ACCEPTED</b>						
	<b>RING SPLIT SAP:102460705, B#0004233393</b>											
	<b>COLLET SAP: 102686987, B#0004313477</b>				<b>COMMENT:</b>  (MPI Wet Fluorescent Inspection Thread & Body With UltraViolet Light) Magnetic Particle Inspection With A/C Hand Yoke , Black & White Contrast							
	<b>ADAPTER COLLET SAP: 102675303, B#ABH1034595</b>											
	<b>FLAPPER SAP:102082301, B#01521999/SAL2300509-03</b>											
<b>RETAINER SLIDING BUSHING SAP:101359819,</b>												
<b>BUSHING VALVE SAP:101359817, KM1124892-1</b>												
<b>BUSHING VALVE SAP:101359817, KM1124892-2</b>												
<b>COLLET PROP SAP: 102078649, B#KM1938153-04</b>												
<b>DAMPER PISTON SAP:101585578, B#AEK1303961</b>												
<b>RING SPACER SAP: 101522179, B#0004313477</b>												
<b>BUSHING SAP: 101359818 B#AEK1343841-4</b>												
<b>TORQUE PIN SAP:101522184</b>												
<b>TORQUE PIN SAP:101522188</b>												
<b>EQUIPMENT DETAILS</b>						<b>PERSON DETAILS</b>			<b>REVIEW BY</b>			
<b>EQUIPMENT :</b>	<b>AC/DC HAND Yoke</b>	<b>EQUIPMENT :</b>	<b>Shooting Coil DC</b>	<b>EQUIPMENT :</b>	<b>UV BLACK LIGHT: 3170 µw/cm<sup>2</sup></b>	<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>		<b>Magnaflux</b>	<b>Batch No:</b>	<b>230503</b>	<b>EXPIRE DATE:</b>						<b>MAY.2026</b>	
<b>White Contrast Paint Manufacturer:</b>		<b>Magnaflux</b>	<b>Batch No:</b>	<b>230408</b>	<b>EXPIRE DATE:</b>						<b>APRIL,2026</b>	
<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>		<b>0.1 to 0.4 ml/100 ml</b>		<b>Batch No:230604</b>						
<b>Cal Due Date:09.OCT.2025</b>		<b>Black Magnetic Ink Concentration 7 HF</b>		<b>1.2 to 2.4 ml/100 ml</b>		<b>EXPIRE DATE:</b>	<b>JUNE.2026</b>					
<b>Original - Client Files</b>			<b>Copy - Area Office</b>			<b>QC/FN/MPI/065 Rev.00 DATED 07 NOV 2021</b>						

