

**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>	HALLIBURTON (HCT)			<b>Report No:</b>	QC-24-07-MS-HCT-2230A				
<b>Location:</b>	HALLIBURTON HCT WORKSHOP			<b>Job Number:</b>	1070624				
<b>Inspection Date:</b>	Wednesday, July 10, 2024			<b>Next Inspection Date:</b>	Thursday, January 9, 2025				
<b>Type Of Inspection:</b>	VISUAL , THOROUGH EXAMINATION & MAGNETIC PARTICLE INSPECTION			<b>STANDARD:</b>	DS-1 VOLUME-4 FIFTH EDITION CLASS A1				
	MANDREL, J-SLOT M101773081, ALQ19254-01		<b>HCT DOC:</b>		MAN-GL-HAL-HCT-900 REV NO.6.3				
	RECEPTACLE M101773088, FT15195941-01								
	DOG M101773089, AFQ1949651-1, QTY 8		<b>TOOL DESCRIPTION:</b>		RUNNING TOOL, 9-5-8" MONOBORE				
	CYLINDER, UPPER M101773091, 0004254312								
	CONNECTOR, UPPER M102835679, 0004295275		<b>IDENTIFICATION NUMBER:</b>		SAP NO 102841417, EQ 13332851, IRQ-3				
	MANDREL, UPPER M102835683, ALQ19256-01								
	CONNECTOR, STACKABLE M102835680, BAC1929841-1, BAC1929841-1		<b>INSPECTION RESULT :</b>						
	MANDREL, STACKABLE M102835684, ALQ19256-01, ALQ19256-04								
	TECHHOLD, PISTON, STACKABLE M101773099, 0004254484-1		<b>VISUAL , THOROUGH EXAMINATION</b>		VISUAL & MAGNETIC PARTICLE INSPECTION ( M.P.I. ) HAD BEEN DONE ON THE AVAILABLE AREAS FOR THE ABOVE DESCRIPTION				
	BUSHING M101773928, ALQ1953166		<b>MAGNETIC PARTICLE INSPECTION</b>		Thread & Available critical areas inspected and found free from cracks and other defects				
CYLINDER, STACKABLE, M101773929, AEK19051362		<b>FINAL RESULTS</b>		THE ABOVE INSPECTED AREAS WAS ACCEPTED					
TECHHOLD, PISTON, WINDOW, M101773930, ALG1952976									
CONNECTOR, WINDOW, M102835681, BAC1929842-1		<b>COMMENT:</b>  (MPI Wet Fluorescent Inspection Thread & Body With UltraViolet Light) Magnetic Particle Inspection With A/C Hand Yoke , Black & White Contrast							
SLEEVE ADJUSTING M101773933, AFQ1949521-2									
MANDREL, LOWER, M102835685, ALQ19260-01									
TECHHOLD, PISTON, LOWER, M102458151, ALG1952977									
CONNECTOR LOWER M102835682, AYX19M1850-1									
MANDREL EXPANSION M101773996, DC-19-40955-1									
TECHHOLD, MANDREL, CONE, M101967242, AEK19051641									
RING, RETAINER M101783987, MTE1500061-01									
EXPANSION CONE M101897877, AEK19052112									
SLEEVE CONE M101773999, BAC1937835-2									
<b>EQUIPMENT DETAILS</b>				<b>PERSON DETAILS</b>		<b>REVIEW BY</b>			
<b>EQUIPMENT :</b>	AC/DC HAND Yoke	<b>EQUIPMENT :</b>	Shooting Coil DC	<b>EQUIPMENT :</b>	UV BLACK LIGHT: 3120 $\mu\text{w}/\text{cm}^2$	<b>INSPECTOR NAME:</b>	M.Shahzad Ahmed	<b>SENIOR INSPECTOR:</b>	NAVEED HUSSAIN
<b>S.NO:</b>	201504052	<b>S.NO:</b>	22650	<b>S.NO:</b>	1898977	<b>QUALIFICATION:</b>	ASNT LEVEL II MT & PT & VT	<b>SUPERVISOR:</b>	HANI ALI
<b>Cal Due Date:</b>	14.OCT.2024	<b>Cal Due Date:</b>	15.OCT.2024	<b>Cal Due Date:</b>	14.OCT.2024		<b>CLIENT:</b>		
<b>FLUORESCENT 14HF</b>	Magnaflux	<b>Batch No:</b>	220306	<b>EXPIRE DATE:</b>	MARCH,2025				
<b>White Contrast Paint Manufacture:</b>	Magnaflux	<b>Batch No:</b>	220602	<b>EXPIRE DATE:</b>	JUN,2025				
Digital Lux Meter WHITE LIGHT INTENSITY:	<b>TECHNICAL DETAILS</b>			Black Magnetic Ink Manufacture:7HF					
3620 Lux/S.NO:2722003	Wet FLUORESCENT Particle Concentration 14 HF		0.1 to 0.4 ml/100 ml		Batch No:220605				
<b>Cal Due Date:16.OCT.2024</b>	Black Magnetic Ink Concentration 7 HF		1.2 to 2.4 ml/100 ml		<b>EXPIRE DATE:</b>	Jul-25			
Original - Client Files		Copy - Area Office		QC/FN/MPI/065 Rev.00		DATED 07 NOV 2021			