

**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-25-02-MS-HCT-048A			
<b>Location:</b>	HALLIBURTON HCT WORKSHOP				<b>Job Number:</b>	18022025			
<b>Inspection Date:</b>	Tuesday, February 18, 2025				<b>Next Inspection Date:</b>	Sunday, August 17, 2025			
<b>Type Of Inspection:</b>	VISUAL , THOROUGH EXAMINATION & MAGNETIC PARTICLE INSPECTION				<b>STANDARD:</b>	DS-1 VOLUME-4 FIFTH EDITION CLASS A1			
	<b>PARTS</b>				<b>HCT Refractive Standard</b>	<b>MAN-GL-HAL-HCT-900 REV NO.6.3</b>			
	1	BOTTOM CHAMBER			<b>UNIT DESCRIPTION:</b>	<b>COMMANDER CEMENT HEAD 350 TDH ( BOTTOM CHAMBER )</b>			
	SAP: 102505587 ,B 354118844								
	2	BALL DROP ASSEMBLY			<b>UNIT S/N:</b>	<b>EQ 90458108, SAP 102505587,B#354118844 IRQ-05</b>			
	SAP: 102161648 , B 3697572-1								
	3	INDICATOR ASSEMBLY							
	SAP: 102162515, B4379228-1				<b>INSPECTION RESULT :</b>	VISUAL & MAGNETIC PARTICLE INSPECTION ( M.P.I. ) HAD BEEN DONE ON THE AVAILABLE AREAS FOR THE ABOVE DESCRIPTION Thread & Available critical areas inspected and found free from cracks and other defects THE ABOVE INSPECTED AREAS WAS ACCEPTED			
	4	BALL DROP MOUNTING PLATE							
	SAP: 102161658, B3535402								
	5	BALL DROP PLUG NUT							
	SAP: 101675110, B3532076-3				<b>VISUAL , THOROUGH EXAMINATION</b>				
6	BALL DROP PLUG								
SAP :102161660, B3490392-2				<b>MAGNETIC PARTICLE INSPECTION</b>					
7	TORQUE PIN								
SAP: 102156390, B4360400				<b>FINAL RESULTS</b>					
8	CLAMP OVER								
SAP: 102154428				<b>COMMENT:</b>	Magnetic Particle Inspection With A/C Hand Yoke , Black & White Contrast ,(MPI Wet Fluorescent inspection Thread & Body With UltraViolet Light)				
9	INDICATOR INSERT SLEEVE								
SAP:102156390 , B4154190-5									
10	EXTERIOR INDICATOR								
SAP:102157675 , B:AN1874852									
11	CLAMP SET SECTIONS								
SAP:102154427									



EQUIPMENT DETAILS						PERSON DETAILS		REVIEW BY		
<b>EQUIPMENT :</b>	AC/DC HAND Yoke	<b>EQUIPMENT :</b>	Shooting Coil DC	<b>EQUIPMENT :</b>	UV BLACK LIGHT: 3170 µw/cm²	<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>	11.APRIL.2025	<b>Cal Due Date:</b>	12.APRIL.2025	<b>Cal Due Date:</b>	11.APRIL.2025			<b>STAMP &amp; SIGNATURE:</b>	<b>CLIENT:</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>TECHNICAL DETAILS</b>	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 Black Magnetic Ink Manufacture:7HF Batch No:230604 Black Magnetic Ink Concentration 7 HF 1.2 to 2.4 ml/100 ml EXPIRE DATE: JUNE.2026									
<b>Cal Due Date:13.APRIL.2025</b>										
Original - Client Files		Copy - Area Office		QC/FN/MPI/065 Rev.00		DATED 07 NOV 2021				