

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-25-09-MS-HCT-382A			
Location:	HALLIBURTON HCT WORKSHOP				Job Number:	22092025			
Inspection Date:	Monday, September 22, 2025				Next Inspection Date:	Saturday, March 21, 2026			
Type Of Inspection:	VISUAL , THOROUGH EXAMINATION & MAGNETIC PARTICLE INSPECTION				STANDARD:	DS-1 VOLUME-4 FIFTH EDITION CLASS A1			
	PARTS				HCT Refranch Standard	MAN-GL-HAL-HCT-900 REV NO.6.8 (REV DATE : 22-JUL-2025)			
	1	BOTTOM CHAMBER			UNIT DESCRIPTION:	COMMANDER CEMENT HEAD 350 TDH (BOTTOM CHAMBER)			
	SAP: 102505587 ,B 354118844								
	2	BALL DROP ASSEMBLY			UNIT S/N:	EQ 90458108, SAP 102505587,B#354118844 IRQ-05			
	SAP: 102161648 , B 3697572-1								
	3	INDICATOR ASSEMBLY			INSPECTION RESULT :				
	SAP: 102162515, B4379228-1								
	4	BALL DROP MOUNTING PLATE			VISUAL , THOROUGH EXAMINATION		unit fully inspected and found free from deforms, cracks, corrosion & mechanical damage		
	SAP: 102161658, B3535402				MAGNETIC PARTICLE INSPECTION		Thread & Available critical areas inspected and found free from cracks and other defects		
	5	BALL DROP PLUG NUT			FINAL RESULTS		THE ABOVE INSPECTED AREAS WAS ACCEPTED		
	SAP: 101675110,B3532076-3				COMMENT:				
6	BALL DROP PLUG								
SAP :102161660, B3490392-2				Magnetic Particle Inspection With A/C Hand Yoke , Black & White Contrast ,(MPI Wet Fluourent inspection Thread & Body With UltraViolet Light)					
7	TORQUE PIN								
SAP: 102156390, B4360400									
8	CLAMP OVER								
SAP: 102154428									
9	INDICAROR 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	
EQUIPMENT :	AC/DC HAND Yoke	EQUIPMENT :	Shooting Coil DC	EQUIPMENT :	UV BLACK LIGHT: 3280 μw/cm ²	INSPECTOR NAME:	M.Shahzad Ahmed	SENIOR INSPECTOR:	NAVEED HUSSAIN
S.NO:	201504052	S.NO:	22650	S.NO:	87521	QUALIFICATION:	ASNT LEVEL II MT & PT & VT	SUPERVISOR:	HANI ALI
Cal Due Date:	07.OCT.2025	Cal Due Date:	08.OCT.2025	Cal Due Date:	09.OCT.2025		CLIENT:		
FLUORESCENT 14HF		Magnaflux	Batch No: 230503	EXPIRE DATE: MAY.2026					
Whie Contrast Paint Manufacture:		Magnaflux	Batch No: 230408	EXPIRE DATE: APRIL.2026					
TECHNICAL DETAILS				Black Magnetic Ink Manufacture:7HF					
Digital Lux Meter WHITE LIGHT INTENSITY:					Batch No:230604				
3670 Lux/S.NO:2722003	Wet FLUORESCENT Particle Concentration 14 HF		0.1 to 0.4 ml/100 ml						
Cal Due Date:09.OCT.2025	Black Magnetic Ink Concentration 7 HF		1.2 to 2.4 ml/100 ml		EXPIRE DATE: JUNE.2026				

Original - Client Files Copy - Area Office QC/FN/MPI/065 Rev.00 DATED 07 NOV 2021