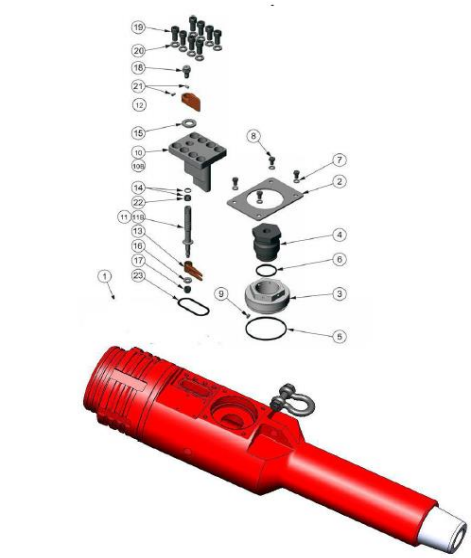
Al TAKAMUL COMPANY FOR ENGINEERING TESTS AND PROFESSIONAL SAFETY LIMITED

Basra, North Rumaila, Quality Control Yard - Iraq

CERTIFICATION OF VISUAl, THOROUGH EXAMINATON & MAGNETIC PARTICLE INSPECTION

Client:	HALLIBURTON (HCT)	**Report No:**	QC-25-01-HCT-001A
Location:	HALLIBURTON HCT WORKSHOP	**Job Number:**	2012025
Inspection Date:	Thursday, January 2, 2025	**Next Inspection Date:**	Tuesday, July 1, 2025
Type Of Inspection:	VISUAL , THOROUGH EXAMINATION & MAGNETIC PARTICLE INSPECTION	**STANDARD:**	DS-1 VOLUME-4 FIFTH EDITION CLASS A1



PARTS	
1	BOTTOM CHAMBER
SAP: 102505587 ,B4303643-2	
2	BALL DROP ASSEMBLY
SAP: 102161648, B4371043-1	
3	INDICATOR ASSEMBLY
SAP: 102162515, B4373180-1	
4	BALL DROP MOUNTING PLATE
SAP: 102161658	
5	BALL DROP PLUG NUT
SAP: 101675110	
6	BALL DROP PLUG
SAP :102161660	

HCT Refrance Standard	MAN-GL-HAL-HCT-900 REV NO.6.6
UNIT DESCRIPTION:	COMMANDER CEMENT HEAD 350 TDH (BOTTOM CHAMBER)
UNIT S/N:	EQ 13451092, SAP 102505587,B#4303643-2 IRQ-04

INSPECTION RESULT :

VISUAL , THOROUGH EXAMINATION	VISUAL & MAGNETIC PARTICLE INSPECTION (M.P.I.) HAD BEEN DONEON THE AVAILABLE AREAS FOR THE ABOVE DESCRIPTION
MAGNETIC PARTICLE INSPECTION	Thread & Avaliable critical areas inspected and found free from cracks and other defects
FINAL RESULTS	THE ABOVE INSPECTED AREAS WAS ACCEPTED

COMMENT:

Magnetic Particle Inspection With A/C Hand Yoke , Black & White Contrast ,(MPI Wet Flourocent inspection Thread & Body With UltraViolet Light)

EQUIPMENT DETAILS

EQUIPMENT :	AC/DC HAND Yoke	**EQUIPMENT :**	Shooting Coil DC	**EQUIPMENT :**	UV BLACK LIGHT: 3170 µw/cm²
S.NO:	201504052	**S.NO:**	22650	**S.NO:**	1898977
Cal Due Date:	11.APRIL.2025	**Cal Due Date:**	12.APRIL.2025	**Cal Due Date:**	11.APRIL.2025

FLUORESCENT 14HF	Magnaflux	**Batch No:**	220306	EXPIRE DATE:	MARCH,2025
Whie Contrast Paint Manufacture:	Magnaflux	**Batch No:**	220602	EXPIRE DATE:	JUN,2025

Digital Lux Meter WHITE LIGHT INTENSITY:	**TECHNICAL DETAILS**			**Black Magnetic Ink Manufacture:7HF**	
3630 Lux/S.NO:2722003	Wet FLUORESCENT Particle Concentration 14 HF	0.1 to 0.4 ml/100 ml		Batch No:220605	
Cal Due Date:13.APRIL.2025	Black Magnetic Ink Concentration 7 HF	1.2 to 2.4 ml/100 ml		EXPIRE DATE:	Jul-25

PERSON DETAILS

INSPECTOR NAME: M.Shahzad Ahmed

QUALIFICATION: ASNT LEVEL II MT & PT & VT

STAMP & SIGNATURE:

REVIEW BY

SENIOR INSPECTOR: NAVEED HUSSAIN

SUPERVISOR: HANI ALI

CLIENT:

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