Al TAKAMUL COMPANY FOR ENGINEERING TESTS AND PROFESSIONAL SAFETY LIMITED

Basra, North Rumaila, Quality Control Yard - Iraq

QUALITY CONTROL

CERTIFICATION OF VISUAl, THOROUGH EXAMINATON & MAGNETIC PARTICLE INSPECTION

Client:	HALLIBURTON (HCT)	Report No:	QC-25-08-MS-HCT-267A
Location:	HALLIBURTON HCT WORKSHOP	Job Number:	7082025
Inspection Date:	Thursday, August 7, 2025	Next Inspection Date:	Friday, February 6, 2026
Type Of Inspection:	VISUAL , THOROUGH EXAMINATION & MAGNETIC PARTICLE INSPECTION	STANDARD:	DS-1 VOLUME-4 FIFTH EDITION CLASS A1

PARTS	
1	BOTTOM CHAMBER
SAP: 102505587	
2	BALL DROP MOUNTING PLATE
SAP:102161658	
3	BALL DROP PLUG NUT
SAP: 101675110	
4	BALL DROP PLUG
SAP: 102161660	
5	INDICATOR INSERT SLEEVE
SAP: 102162516	
6	EXTERIOR INDICATOR
SAP :102157675	
7	INDICATOR ROD
SAP:102162517	
8	INTERIOR INDICATOR
SAP:101674963	
9	TORQUE PIN
SAP:102156390	
10	CLAMP SET SECTION
SAP:102154427	
11	CLAMP COVER
SAP:102154428	

HCT Refrance Standard	MAN-GL-HAL-HCT-900 REV NO.6.8 (REV DATE : 22-JUL-2025)
UNIT DESCRIPTION:	COMMANDER CEMENT HEAD 350 TDH (BOTTOM CHAMBER)
UNIT S/N:	EQ 13894078 , SAP 102505587, ASSET# 10008124 , IRQ-08

INSPECTION RESULT :

VISUAL , THOROUGH EXAMINATION	unit fully inspected and found free from deforms, cracks, corrosion & mechanical damage
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: 3140 µw/cm²
S.NO:	201504052	S.NO:	22650	S.NO:	87521
Cal Due Date:	07.OCT.2025	Cal Due Date:	08.OCT.2025	Cal Due Date:	09.OCT.2025

FLUORESCENT 14HF	Magnaflux	Batch No:	230503	EXPIRE DATE:	MAY.2026
Whie Contrast Paint Manufacture:	Magnaflux	Batch No:	230408	EXPIRE DATE:	APRIL,2026

Digital Lux Meter WHITE LIGHT INTENSITY:	TECHNICAL DETAILS		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:230604	
Cal Due Date:09.OCT.2025	Black Magnetic Ink Concentration 7 HF	1.2 to 2.4 ml/100 ml	EXPIRE DATE:	JUNE.2026

PERSON DETAILS		REVIEW BY	
INSPECTOR NAME: M.Shahzad Ahmed	Al Takamul Company NDT QUALITY CONTROL For Engineering Services	SENIOR INSPECTOR:	NAVEED HUSSAIN
QUALIFICATION: ASNT LEVEL II MT & PT & VT		SUPERVISOR:	HANI ALI
STAMP & SIGNATURE:		CLIENT:	

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