

**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-8-24-MS-HCT-2285
Location:	HALLIBURTON HCT WORKSHOP	Job Number:	QC-8-24-MS-001
Date:	Sunday, August 18, 2024	Next Inspection Date:	Monday, February 17, 2025
Type Of Inspection:	VISUAL , THOROUGH EXAMINATION & MAGNETIC PARTICLE INSPECTION	STANDARD:	DS-1 VOLUME-4 FIFTH EDITION CLASS A1



1- MANDREL SEAL M100070469	HCT DOC:	MAN-GL-HAL-HCT-900 REV NO.6.6
2-CIRCULATING BODY M100070472	TOOL DESCRIPTION:	SUBSURFACE CONTROL VALVE
3- LOWER BODY M100070475	IDENTIFICATION NUMBER:	EQ #11680537,SAP#100070468 IRQ-1460
4- BODY UPPER M100070470	INSPECTION RESULT :	
5- SLIDING MANDREL M100070473	VISUAL , THOROUGH EXAMINATION	VISUAL & MAGNETIC PARTICLE INSPECTION (M.P.I.) HAD BEEN DONE ON THE AVAILABLE AREAS FOR THE ABOVE DESCRIPTION
6- MANDREL RETAINER M100070471	MAGNETIC PARTICLE INSPECTION	Thread & Available critical areas inspected and found free from cracks and other defects
7-SLIDING-VALVE MANDREL 100070474	FINAL RESULTS	THE ABOVE INSPECTED AREAS WAS ACCEPTED
COMMENT:		
(MPI Wet Fluorescent Inspection Thread & Body With UltraViolet Light) Magnetic Particle Inspection With A/C Hand Yoke , Black & White Contrast		



EQUIPMENT DETAILS

EQUIPMENT :	AC/DC HAND Yoke	EQUIPMENT :	Shooting Coil DC	EQUIPMENT :	UV BLACK LIGHT: 3260 μw/cm²
S.NO:	201504052	S.NO:	22650	S.NO:	1898977
Cal Due Date:	14.OCT.2024	Cal Due Date:	15.OCT.2024	Cal Due Date:	14.OCT.2024
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	
3570 Lux/S.NO:2722003	Wet FLUORESCENT Particle Concentration 14 HF	0.1 to 0.4 ml/100 ml		Batch No:220605	
Cal Due Date:16.OCT.2024	Black Magnetic Ink Concentration 7 HF	1.2 to 2.4 ml/100 ml		EXPIRE DATE:	Jul-25

PERSON DETAILS

INSPECTOR NAME:	Usman Shabbir	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