

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-24-05-MS-HCT-2184B
Location:	HALLIBURTON HCT WORKSHOP	Job Number:	1252024
Inspection Date:	Sunday, May 12, 2024	Next Inspection Date:	Monday, November 11, 2024
Type Of Inspection:	VISUAL , THOROUGH EXAMINATION & MAGNETIC PARTICLE INSPECTION	STANDARD:	DS-1 VOLUME-4 FIFTH EDITION CLASS A1
	RETAINER LOCKING SAP101521890, B#AHF2273130-2	HCT DOC:	MAN-GL-HAL-HCT-900 REV NO.6.3
	LOCKING RELEASE SAP103024289, B#ALA2240084-02	TOOL DESCRIPTION:	7-5/8" X 9-5/8" HI TRQ XSL
	SLEEVE X-OVER SAP101522077, B#ADY10737-2		
	SLEEVE VALVE SAP101522033, B#ALA2142044-01	IDENTIFICATION NUMBER:	EQ#13742273,SAP#102849536,B#0004698381, IRQ18
	MANDREL VALVE SLEEVE SAP101522039, B#ALQ21365-04		
	BODY X-OVER 101522080, B#AEK2208596-4	INSPECTION RESULT :	
	RETAINER X-OVER SAP101522178, B#ALG2162775		
	SLEEVE ADJUSTMENT SAP101522083, B#BAC21A2109-1	VISUAL , THOROUGH EXAMINATION	VISUAL & MAGNETIC PARTICLE INSPECTION (M.P.I.) HAD BEEN DONE ON THE AVAILABLE AREAS FOR THE ABOVE DESCRIPTION
	COUPLING SAP101522072, B#AEK220187-4	MAGNETIC PARTICLE INSPECTION	Thread & Available critical areas inspected and found free from cracks and other defects
	MANDREL SEALING FORCE SAP101522266, B#4677777	FINAL RESULTS	THE ABOVE INSPECTED AREAS WAS ACCEPTED
PISTON FORCE MULTIPLIER SAP101522097, B#AEK2208629-3			
SYLINDER FORCE SAP101311497, B#AFQ2166262	COMMENT: (MPI Wet Fluorescent Inspection Thread & Body With UltraViolet Light) Magnetic Particle Inspection With A/C Hand Yoke , Black & White Contrast		
COUPLING CENTER SAP101522117, B#AEK2208602-4			
LOAD SHOULDER SAP101585577, B#KM2110127-04			
GUIDE, GARTER, 102984645, B#AME21K1109-04			
FLAPPER SAP102082301, B#B-009164-05			
SLIDING RETAINER SAP101359819, B#AHF2273086-2			
BUSHING, SAP101359817, B#ALP2104553-03			
BUSHING, SAP101359817, B#ALP2104553-02			
BUSHING,VLH,9 5/8 SAP101359818, B#AEK144457-2			
DAMPER PISTON SAP101585578, B#ALG2163141			
RING, SPACER SAP 101522179, B#AHY169827			
TORQUE PIN SAP 101522188, B# AB22301073			
TORQUE PIN SAP 101522184, B#AB22296748			

EQUIPMENT DETAILS						PERSON DETAILS		REVIEW BY		
EQUIPMENT :	AC/DC HAND Yoke	EQUIPMENT :	Shooting Coil DC	EQUIPMENT :	UV BLACK LIGHT: 3120 μw/cm ²	INSPECTOR NAME:	M.Shahzad Ahmed	SENIOR INSPECTOR:	NAVEED HUSSAIN	
S.NO:	201504052	S.NO:	22650	S.NO:	1898977	QUALIFICATION:	ASNT LEVEL II MT & PT & VT	SUPERVISOR:	HANI ALI	
Cal Due Date:	12.AUG.2024	Cal Due Date:	12.AUG.2024	Cal Due Date:	12.AUG.2024	STAMP & SIGNATURE:				
FLUORESCENT 14HF		Magnaflux	Batch No:	220306	EXPIRE DATE:					MARCH,2025
White Contrast Paint Manufacture:		Magnaflux	Batch No:	220602	EXPIRE DATE:					JUN,2025
TECHNICAL DETAILS										
Digital Lux Meter WHITE LIGHT INTENSITY:				Black Magnetic Ink Manufacture:7HF						
3610 Lux/S.NO:2722003		Wet FLUORESCENT Particle Concentration 14 HF		0.1 to 0.4 ml/100 ml						
Cal Due Date:14.AUG.2024		Black Magnetic Ink Concentration 7 HF		1.2 to 2.4 ml/100 ml						
				EXPIRE DATE:		JUL-25				

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