

# AI TAKAMUL COMPANY FOR ENGINEERING TESTS AND PROFESSIONAL SAFETY LIMITED

Basra, North Rumaila, Quality Control Yard - Iraq



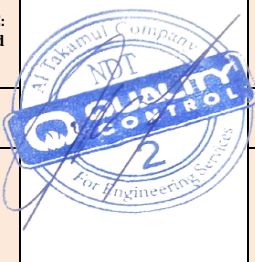
## CERTIFICATION OF VISUAL, THOROUGH EXAMINATION & MAGNETIC PARTICLE INSPECTION

<b>Client:</b>	HALLIBURTON (TSS)	<b>Report No:</b>	QC-24-02-TSS-MS-119
<b>Location:</b>	Burjesia Halliburton Camp Basra - Iraq (TSS)	<b>STANDARD</b>	DS-1 VOLUME-4 FIFTH EDITION,
<b>Inspection Date:</b>	Friday, February 9, 2024	<b>Next Inspection Date:</b>	<b>Thursday, August 8, 2024</b>
<b>Type Of Inspection:</b>	VISUAL , THOROUGH EXAMINATION & MAGNETIC PARTICLE INSPECTION	<b>HAL DOC</b>	(MPI HALL DOC.D00976850 REV:D) (VISUAL D00305796 REV:U)



Sr. No	Item Description	Item Description	DESCRIPTION:	
01	Hydraulic Hold	101365366	S/N:	11214219
02	Floting Piston	101369799		
03	Upper Mandrel	101369931	<b>INSPECTION RESULT :</b>	
04	Proted Housing	101370194		
05	Upper Housing	101370903	VISUAL , THOROUGH EXAMINATION	VISUAL & MAGNETIC PARTICLE INSPECTION ( M.P.I. ) HAD BEEN DONEON THE AVAILABLE AREAS FOR THE ABOVE DESCRIPTION
06	Bypass Sleeve	101369857		
07	Long Mandrel	101466276	MAGNETIC PARTICLE INSPECTION	Thread & Avaliable critical areas inspected and found free from cracks and other defects
08	Lower Shoe Coup	101466068		
09	Coupling	101466175	FINAL RESULTS	THE ABOVE INSPECTED AREAS WAS ACCEPTED
10	Element Bullnose Shoe	101381853		
11	Mechanical Slip Body Mandrel	101466373	<b>COMMENT:</b> (MPI Wet Fluorescent Inspection Thread & Body With UltraViolet Light) Magnetic Particle Inspection With A/C Hand Yoke , Black & White Contrast	
12	Drag Block Sleeve	100004034		
13	Lower Mandrel	101389377		
14	Element Mandrel	101369713		



EQUIPMENT DETAILS				PERSON DETAILS		REVIEW BY			
<b>EQUIPMENT :</b>	AC/DC Yoke PERMANET HAND MAGNETIC	<b>EQUIPMENT :</b>	Shooting Coil DC	<b>EQUIPMENT :</b>	UV BLACK LIGHT: 3210 µw/cm <sup>2</sup>	<b>INSPECTOR NAME:</b>	M.Shahzad Ahmed	<b>SENIOR INSPECTOR:</b>	NAVEED HUSSAIN
<b>S.NO:</b>	201504048 USA PYO-019CM (PY-02)	<b>S.NO:</b>	22650	<b>S.NO:</b>	1932401	<b>QUALIFICATION:</b>	ASNT LEVEL II MT & PT & VT	<b>SUPERVISOR:</b>	HANI ALI
<b>Cal Due Date:</b>	14.FEB.2024	<b>Cal Due Date:</b>	14.FEB.2024	<b>Cal Due Date:</b>	14.FEB.2024	<b>STAMP &amp; SIGNATURE:</b> 			
<b>FLUORESCENT 14HF</b>	Magnaflux	<b>Batch No:</b>	220306	<b>EXPIRE DATE:</b>	MARCH,2025				
<b>Whie Contrast Paint Manufacture:</b>	Magnaflux	<b>Batch No:</b>	220602	<b>EXPIRE DATE:</b>	JUN,2025				
<b>Digital Lux Meter</b>	<b>TECHNICAL DETAILS</b>			<b>Black Magnetic Ink Manufacture:7HF</b>					
<b>WHITE LIGHT INTENSITY:</b>	Wet FLUORESCENT Particle Concentration 14 HF			0.1 to 0.4 ml/100 ml		Batch No:220605			
<b>16.FEB.2024</b>	Black Magnetic Ink Concentration 7 HF			1.2 to 2.4 ml/100 ml		<b>EXPIRE DATE:</b> Jul-25			
Original - Client Files		Copy - Area Office		QC/FN/MPI/065 Rev.00 DATED 07 NOV 2021					