

# 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-24-05-TSS-MS-002
<b>Location:</b>	Burjesia Halliburton Camp Basra - Iraq (TSS)	<b>Job Number:</b>	QC-24/HALL-TSS-003
<b>Date:</b>	Thursday, May 30, 2024	<b>Next Inspection Date:</b>	Friday, November 29, 2024
<b>Type Of Inspection:</b>	VISUAL , THOROUGH EXAMINATION & MAGNETIC PARTICLE INSPECTION	<b>STANDARD</b>	DS-1 VOLUME-4 FIFTH EDITION,



Sr. No	Item Description	Item Description	HAL DOC	DESCRIPTION:	STANDARD
01	Hydraulic Hold	101365366			ST-GL-HAL-TT-510 REV NO 5.1
02	Floting Piston	101369799			
03	Upper Mandrel	101369931			
04	Proted Housing	101370194			
05	Upper Housing	101370903			
06	Bypass Sleeve	101369857			
07	Long Mandrel	101466276			
08	Lower Shoe Coup	101466068			
09	Coupling	101466175			
10	Element Bullnose Shoe	101381853			
11	Mechanical Slip Body Mandrel	101466373			
12	Drag Block Sleeve	100004034			
13	Lower Mandrel	101389377			
14	Element Mandrel	101369713			
			<b>S/N:</b>	EQ#10260555, SAP#100071689	
			<b>INSPECTION RESULT :</b>		
			<b>VISUAL , THOROUGH EXAMINATION</b>	VISUAL & MAGNETIC PARTICLE INSPECTION ( M.P.I. ) HAD BEEN DONE ON THE AVAILABLE AREAS FOR THE ABOVE DESCRIPTION	
			<b>MAGNETIC PARTICLE INSPECTION</b>	Thread & Body areas inspected and found freedom from cracks and other defects	
			<b>FINAL RESULTS</b>	THE ABOVE INSPECTED AREAS WAS ACCEPTED	
			<b>COMMENT:</b>	(MPI Wet Flouorescent inspection Thread & Body With UltraViolet Light) Magnetic Particle Inspection With A/C Hand Yoke , Black & White Contrast	



EQUIPMENT DETAILS				PERSON DETAILS		REVIEW BY		
<b>EQUIPMENT :</b>	AC/DC HAND Yoke	<b>EQUIPMENT :</b>	Shooting Coil DC	<b>EQUIPMENT :</b>	UV BLACK LIGHT: 3120 $\mu\text{w}/\text{cm}^2$	<b>INSPECTOR NAME:</b>	M.Shahzad Ahmed	
<b>S.NO:</b>	201504052	<b>S.NO:</b>	22650	<b>S.NO:</b>	1898977	<b>QUALIFICATION:</b>	ASNT LEVEL II MT & PT & VT	
<b>Cal Due Date:</b>	14.OCT.2024	<b>Cal Due Date:</b>	15.OCT.2024	<b>Cal Due Date:</b>	14.OCT.2024		<b>SENIOR INSPECTOR:</b>	NAVEED HUSSAIN
<b>FLUORESCENT 14HF</b>	Magnaflux	<b>Batch No:</b>	220306	<b>EXPIRE DATE:</b>	MARCH,2025		<b>SUPERVISOR:</b>	HANI ALI
<b>White Contrast Paint Manufacture:</b>	Magnaflux	<b>Batch No:</b>	220602	<b>EXPIRE DATE:</b>	JUN,2025	<b>STAMP &amp; SIGNATURE:</b>	<b>CLIENT:</b>	
<b>Digital Lux Meter WHITE LIGHT INTENSITY:</b>	<b>TECHNICAL DETAILS</b>			<b>Black Magnetic Ink Manufacture:7HF</b>				
3620 Lux/S.NO:2722003	<b>Wet FLUORESCENT Particle Concentration 14 HF</b>	0.1 to 0.4 ml/100 ml		<b>Batch No:220605</b>				
<b>Cal Due Date:16.OCT.2024</b>	<b>Black Magnetic Ink Concentration 7 HF</b>	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