




**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 CPM			<b>Report No:</b>		QC-25-03-MS-CPM-001					
<b>Location:</b>		HALLIBURTON WORKSHOP			<b>Job Number:</b>		03032025					
<b>Inspection Date:</b>		Monday, March 3, 2025			<b>Next Inspection Date:</b>		Tuesday, September 2, 2025					
<b>Type Of Inspection:</b>		VISUAL , THOROUGH EXAMINATION & MAGNETIC PARTICLE INSPECTION			<b>STANDARD:</b>		API Specification 6A, 21st Edition					
					<b>UNIT DESCRIPTION:</b>		13 5/8" WELDLESS LOWER WEAR BUSHING					
					<b>UNIT S/N:</b>		1250845					
					<b>INSPECTION RESULT :</b>							
					<b>VISUAL , THOROUGH EXAMINATION</b>				unit fully inspected and found free from deforms, cracks, corrosion & mechanical damage			
					<b>MAGNETIC PARTICLE INSPECTION</b>				Body areas inspected and found free from cracks and other defects			
<b>FINAL RESULTS</b>				THE ABOVE INSPECTED AREAS WAS ACCEPTED								
<b>COMMENT:</b>												
Magnetic Particle Inspection With A/C Hand Yoke , Black & White Contrast												
EQUIPMENT DETAILS					PERSON DETAILS			REVIEW BY				
<b>Equipment:</b>	AC-Yoke Test Block	<b>Equipment:</b>	Digital Lux Meter	<b>Equipment:</b>	AC/DC Yoke	<b>INSPECTOR NAME:</b> M.Shahzad Ahmed  <b>QUALIFICATION:</b> ASNT LEVEL II MT & PT & VT  <b>STAMP &amp; SIGNATURE:</b> 		<b>SENIOR INSPECTOR:</b>	NAVEED HUSSAIN			
<b>S.No:</b>	1657	<b>S.No:</b>	2722003	<b>S.No:</b>	201504052			<b>SUPERVISOR:</b>	HANI ALI			
<b>Cal Due Date:</b>	11-Apr-25	<b>Cal Due Date:</b>	13-Apr-25	<b>Cal Due Date:</b>	11-Apr-25			<b>CLIENT:</b>				
<b>Black Magnetic Ink Manufacture:</b>		Magnaflux	<b>Batch No:</b>	230604	<b>Expiry Date:</b>	JUNE, 2026						
<b>Whie Contrast Paint Manufacture:</b>		Magnaflux	<b>Batch No:</b>	230408	<b>Expiry Date:</b>	APRIL,2026						
<b>Technical Details:</b>		<b>Magnetic Partical Concentration</b>		<b>Method</b>		<b>WMPT Light Intensity</b>						
		1.2 to 2.4 ml/100 ml		Wet Magnetic Particle Testing (WMPT)		3620Lux						

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CERTIFICATION OF VISUAL, THOROUGH EXAMINATION & MAGNETIC PARTICLE INSPECTION												
Client:	HALLIBURTON CPM			Report No:	QC-25-03-MS-CPM-002							
Location:	HALLIBURTON WORKSHOP			Job Number:	03032025							
Inspection Date:	Monday, March 3, 2025			Next Inspection Date:	Tuesday, September 2, 2025							
Type Of Inspection:	VISUAL , THOROUGH EXAMINATION & MAGNETIC PARTICLE INSPECTION			STANDARD:	API Specification 6A, 21st Edition							
				UNIT DESCRIPTION:	13 5/8" WELDLESS LOWER WEAR BUSHING							
				UNIT S/N:	IQ-20007-18							
				INSPECTION RESULT :								
				VISUAL , THOROUGH EXAMINATION			unit fully inspected and found free from deforms, cracks, corrosion & mechanical damage					
				MAGNETIC PARTICLE INSPECTION			Body 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												
EQUIPMENT DETAILS					PERSON DETAILS			REVIEW BY				
Equipment:	AC-Yoke Test Block	Equipment:	Digital Lux Meter	Equipment:	AC/DC Yoke			SENIOR INSPECTOR:	NAVEED HUSSAIN			
S.No:	1657	S.No:	2722003	S.No:	201504052			QUALIFICATION:	HANI ALI			
Cal Due Date:	11-Apr-25	Cal Due Date:	13-Apr-25	Cal Due Date:	11-Apr-25			ASNT LEVEL II MT & PT & VT				
Black Magnetic Ink Manufacture:	Magnaflux	Batch No:	230604	Expiry Date:	JUNE, 2026			CLIENT:				
Whie Contrast Paint Manufacture:	Magnaflux	Batch No:	230408	Expiry Date:	APRIL,2026							
Technical Details:	Magnetic Partical Concentration		Method		WMPT Light Intensity		STAMP & SIGNATURE:					
	1.2 to 2.4 ml/100 ml		Wet Magnetic Particle Testing (WMPT)		3610Lux							

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CERTIFICATION OF VISUAL, THOROUGH EXAMINATION & MAGNETIC PARTICLE INSPECTION														
<b>Client:</b>		HALLIBURTON CPM			<b>Report No:</b>		QC-25-03-MS-CPM-003							
<b>Location:</b>		HALLIBURTON WORKSHOP			<b>Job Number:</b>		03032025							
<b>Inspection Date:</b>		Monday, March 3, 2025			<b>Next Inspection Date:</b>		Tuesday, September 2, 2025							
<b>Type Of Inspection:</b>		VISUAL , THOROUGH EXAMINATION & MAGNETIC PARTICLE INSPECTION			<b>STANDARD:</b>		API Specification 6A, 21st Edition							
					<b>UNIT DESCRIPTION:</b>		20 3/4" WEAR BUSHING							
					<b>UNIT S/N:</b>		IQ-20007-16							
					<b>INSPECTION RESULT :</b>									
					<b>VISUAL , THOROUGH EXAMINATION</b>			unit fully inspected and found free from deforms, cracks, corrosion & mechanical damage						
					<b>MAGNETIC PARTICLE INSPECTION</b>			Body areas inspected and found free from cracks and other defects						
<b>FINAL RESULTS</b>			THE ABOVE INSPECTED AREAS WAS ACCEPTED											
<b>COMMENT:</b>														
Magnetic Particle Inspection With A/C Hand Yoke , Black & White Contrast														
EQUIPMENT DETAILS					PERSON DETAILS			REVIEW BY						
<b>Equipment:</b>	AC-Yoke Test Block	<b>Equipment:</b>	Digital Lux Meter	<b>Equipment:</b>	AC/DC Yoke	<b>INSPECTOR NAME:</b> M.Shahzad Ahmed  <b>QUALIFICATION:</b> ASNT LEVEL II MT & PT & VT  		<b>SENIOR INSPECTOR:</b>	NAVEED HUSSAIN					
<b>S.No:</b>	1657	<b>S.No:</b>	2722003	<b>S.No:</b>	201504052			<b>SUPERVISOR:</b>	HANI ALI					
<b>Cal Due Date:</b>	11-Apr-25	<b>Cal Due Date:</b>	13-Apr-25	<b>Cal Due Date:</b>	11-Apr-25			<b>CLIENT:</b>						
<b>Black Magnetic Ink Manufacture:</b>	Magnaflux	<b>Batch No:</b>	230604	<b>Expiry Date:</b>	JUNE, 2026									
<b>Whie Contrast Paint Manufacture:</b>	Magnaflux	<b>Batch No:</b>	230408	<b>Expiry Date:</b>	APRIL,2026									
<b>Technical Details:</b>	<b>Magnetic Partical Concentration</b>		<b>Method</b>		<b>WMPT Light Intensity</b>									
	1.2 to 2.4 ml/100 ml		Wet Magnetic Particle Testing (WMPT)		3610Lux									

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CERTIFICATION OF VISUAL, THOROUGH EXAMINATION & MAGNETIC PARTICLE INSPECTION			
Client:	HALLIBURTON CPM	Report No:	QC-25-03-MS-CPM-004
Location:	HALLIBURTON WORKSHOP	Job Number:	03032025
Inspection Date:	Monday, March 3, 2025	Next Inspection Date:	Tuesday, September 2, 2025
Type Of Inspection:	VISUAL , THOROUGH EXAMINATION & MAGNETIC PARTICLE INSPECTION	STANDARD:	API Specification 6A, 21st Edition
		UNIT DESCRIPTION:	13 5/8" WEAR BUSHING RUNNING TOOL
		TYPE OF CONNECTION:	4 1/2 IF BOX X 4 1/2 IF BOX
		UNIT S/N:	121454381001
		INSPECTION RESULT :	
		VISUAL , THOROUGH EXAMINATION	unit fully inspected and found free from deforms, cracks, corrosion & mechanical damage
MAGNETIC PARTICLE INSPECTION	Thread & Body areas inspected and found free from cracks and other defects		
FINAL RESULTS	THE ABOVE INSPECTED AREAS WAS ACCEPTED		
COMMENT:			
(MPI Wet Fluorescent inspection Thread With UltraViolet Light) Magnetic Particle Inspection With A/C Hand Yoke , Black & White Contrast			


EQUIPMENT DETAILS						PERSON DETAILS		REVIEW BY	
EQUIPMENT :	AC/DC HAND Yoke	EQUIPMENT :	Shooting Coil DC	EQUIPMENT :	UV BLACK LIGHT: 3120 μw/cm <sup>2</sup>	INSPECTOR NAME: M.Shahzad Ahmed		SENIOR INSPECTOR:	NAVEED HUSSAIN
S.NO:	201504052	S.NO:	22650	S.NO:	1898977			SUPERVISOR:	HANI ALI
Cal Due Date:	11.APRIL.2025	Cal Due Date:	12.APRIL.2025	Cal Due Date:	11.APRIL.2025			CLIENT:	
FLUORESCENT 14HF		Magnaflux	Batch No:	230503	EXPIRE DATE:	MAY.2026			
White 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:13.APRIL.2025		Black Magnetic Ink Concentration 7 HF		1.2 to 2.4 ml/100 ml		EXPIRE DATE:		JUNE.2026	

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CERTIFICATION OF VISUAL, THOROUGH EXAMINATION & MAGNETIC PARTICLE INSPECTION			
Client:	HALLIBURTON CPM	Report No:	QC-25-03-MS-CPM-005
Location:	HALLIBURTON WORKSHOP	Job Number:	03032025
Inspection Date:	Monday, March 3, 2025	Next Inspection Date:	Tuesday, September 2, 2025
Type Of Inspection:	VISUAL , THOROUGH EXAMINATION & MAGNETIC PARTICLE INSPECTION	STANDARD:	API Specification 6A, 21st Edition
	UNIT DESCRIPTION:	20 3/4" WEAR BUSHING RUNNING TOOL	
	TYPE OF CONNECTION:	4 1/2 IF BOX X 4 1/2 IF BOX	
	UNIT S/N:	111822895-03	
	INSPECTION RESULT :		
	VISUAL , THOROUGH EXAMINATION	unit fully inspected and found free from deforms, cracks, corrosion & mechanical damage	
	MAGNETIC PARTICLE INSPECTION	Thread & Body areas inspected and found free from cracks and other defects	
FINAL RESULTS	THE ABOVE INSPECTED AREAS WAS ACCEPTED		
COMMENT:			
(MPI Wet Fluorescent inspection Thread With UltraViolet Light) Magnetic Particle Inspection With A/C Hand Yoke , Black & White Contrast			


EQUIPMENT DETAILS						PERSON DETAILS		REVIEW BY		
EQUIPMENT :	AC/DC HAND Yoke	EQUIPMENT :	Shooting Coil DC	EQUIPMENT :	UV BLACK LIGHT: 3120 μw/cm <sup>2</sup>	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:	11.APRIL.2025	Cal Due Date:	12.APRIL.2025	Cal Due Date:	11.APRIL.2025			STAMP & SIGNATURE:	CLIENT:	
FLUORESCENT 14HF	Magnaflux	Batch No:	230503	EXPIRE DATE:	MAY.2026	Digital Lux Meter WHITE LIGHT INTENSITY: 3620 Lux/S.NO:2722003 Cal Due Date:13.APRIL.2025				
White Contrast Paint Manufacture:	Magnaflux	Batch No:	230408	EXPIRE DATE:	APRIL,2026					
TECHNICAL DETAILS				Black Magnetic Ink Manufacture:7HF	Batch No:230604					
		Wet FLUORESCENT Particle Concentration 14 HF	0.1 to 0.4 ml/100 ml							
		Black Magnetic Ink Concentration 7 HF	1.2 to 2.4 ml/100 ml		EXPIRE DATE:	JUNE.2026				

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CERTIFICATION OF VISUAL, THOROUGH EXAMINATION & MAGNETIC PARTICLE INSPECTION			
Client:	HALLIBURTON CPM	Report No:	QC-25-03-MS-CPM-006
Location:	HALLIBURTON WORKSHOP	Job Number:	03032025
Inspection Date:	Monday, March 3, 2025	Next Inspection Date:	Tuesday, September 2, 2025
Type Of Inspection:	VISUAL , THOROUGH EXAMINATION & MAGNETIC PARTICLE INSPECTION	STANDARD:	API Specification 6A, 21st Edition
		UNIT DESCRIPTION:	13 5/8" NOM JETTING TOOL
		TYPE OF CONNECTION:	4 1/2 IF PIN X 4 1/2 IF BOX
		UNIT S/N:	1798
		INSPECTION RESULT :	
VISUAL , THOROUGH EXAMINATION		unit fully inspected and found free from deforms, cracks, corrosion & mechanical damage	
MAGNETIC PARTICLE INSPECTION		Thread & Body areas inspected and found free from cracks and other defects	
FINAL RESULTS		THE ABOVE INSPECTED AREAS WAS ACCEPTED	
COMMENT:			
(MPI Wet Fluorescent inspection Thread With UltraViolet Light) Magnetic Particle Inspection With A/C Hand Yoke , Black & White Contrast			

EQUIPMENT DETAILS						PERSON DETAILS		REVIEW BY		
EQUIPMENT :	AC/DC HAND Yoke	EQUIPMENT :	Shooting Coil DC	EQUIPMENT :	UV BLACK LIGHT: 3120 μw/cm <sup>2</sup>	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:	11.APRIL.2025	Cal Due Date:	12.APRIL.2025	Cal Due Date:	11.APRIL.2025			STAMP & SIGNATURE:	CLIENT:	
FLUORESCENT 14HF		Magnaflux	Batch No:	230503	EXPIRE DATE:	MAY.2026				
White 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:13.APRIL.2025		Black Magnetic Ink Concentration 7 HF		1.2 to 2.4 ml/100 ml		EXPIRE DATE:		JUNE.2026		

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