

CERTIFICATION OF VISUAL, THOROUGH EXAMINATION & MAGNETIC PARTICLE INSPECTION

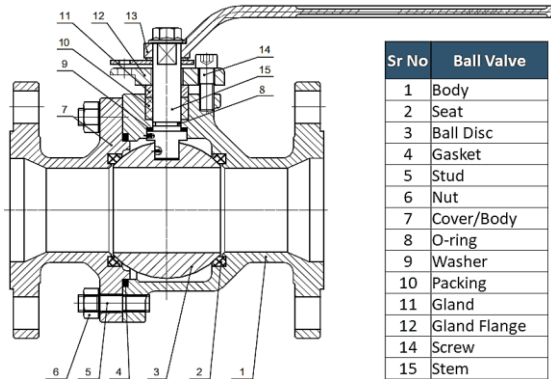
THIS REPORT COMPLIES WITH RECOGNIZED INTERNATIONAL STANDARDS & TECHNICAL REQUIREMENTS

CLIENT:	HALLIBURTON	REPORT No.:	QC-27-7-TSS-NDT-001
LOCATION:	TSS WORKSHOP & INSPECTION TEST AREA	STANDARD:	ASTM E709 & ASTM E 1444 (2016) ASME V Article 7 (2019) & API 6A ASME B31.1
WORK ORDER #	-	JOB NO:	QC-27-07-TSS-NDT-001
DATE OF INSP:	Saturday, July 27, 2024	INSP. DUE DATE:	Sunday, January 26, 2025
TYPE OF INSPECTION:	VISUAL INSPECTION AND MAGNETIC PARTICLE INSPECTION AND PRESSURE TEST WITNESS		

DESCRIPTION:	4" BALL VALVE 150 CL	SERIAL NO:	6FPE
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INSPECTION DETAILS

Max. Working Pressure:	1440 PSI	Holding Time:	18 Min
Low pressure:	100 PSI	Holding Time:	05 Min
Pump S.N.:	13119220 Cal DUE. AUG.2024	Pressure Gauge NO.:	468066 Cal DUE. AUG.2024



Inspection Evaluation

(MPI) The Above Item Has No Significant Discontinuous At The Time Of Inspection And Found Acceptable Accordance To ASTM E709 (70.94158)

Pressure Test-The Above Item was Pressure Tested to 100 PSI A low Pressure Hold for 5 min And Maximum Working pressure 1440 psi Hold 18 min no Leak was Realized while testing & Pressure Was Stable Accordance To Chart Recorder Attached

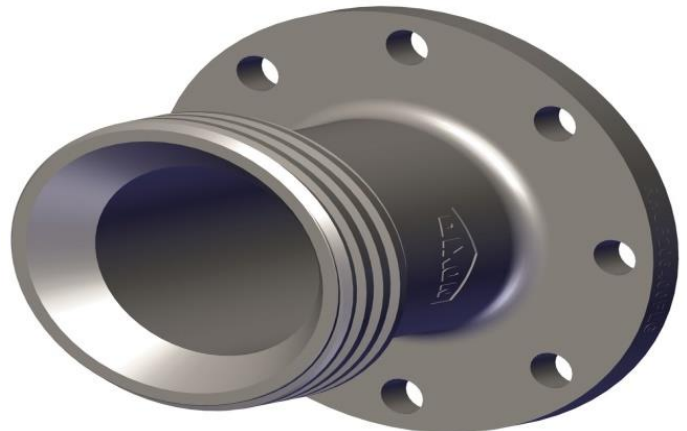

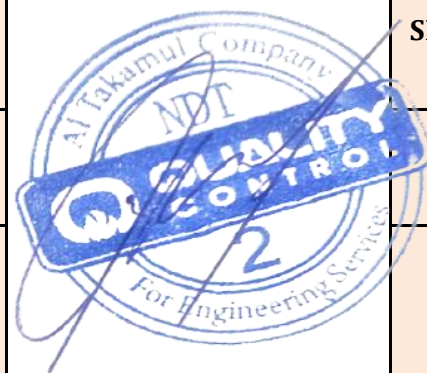
INSPECTION EQUIPMENT DETAILS				TECHNICAL DETAILS			
AC YOKE S.N:	201504048	CAL DUE DATE	14-Oct-24	White Contrast WCP-2	MANUFACTURER	BATCH NO	EXPIRE DATE
Digital Lux Meter WHITE LIGHT	2722003	CAL DUE DATE	16-Oct-24		Magnaflux	220602	JUN.2025
DC COIL:	22650	CAL DUE DATE	14-Oct-24	Black Magnetic Ink 7HF	MANUFACTURER	BATCH NO	EXPIRE DATE
UV BLACK LIGHT:	1932401	CAL DUE DATE	15-Oct-24		Magnaflux	220605	JULY.2025
ASTM Test Block:	1657	CAL DUE DATE	14-Oct-24	Fluorescent Magnetic Ink 14HF	MANUFACTURER	BATCH NO	EXPIRE DATE
WHITE LIGHT INTENSITY:	3620 lux				Magnaflux	220306	March.2025

PERSON DETAILS

INSPECTOR NAME:	Usman shahid	SENIOR INSPECTOR:	NAVEED HUSSAIN	CLIENT:	
QUALIFICATION:	AI TAKAMUL COMPANY FOR ENGINEERING TESTS AND PROFESSIONAL SAFETY LIMITED	INSPECTION SUPERVISOR:	HANI ALI	HS&SIGN	
SIGNATURE & STAMP:				DATE:	

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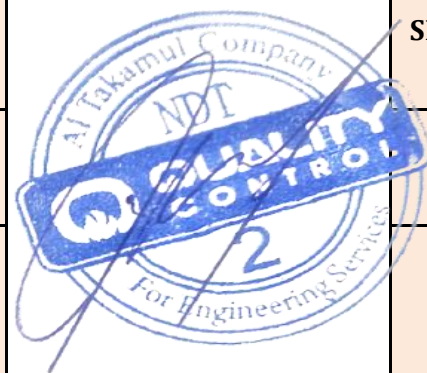


CERTIFICATION OF VISUAL, THOROUGH EXAMINATION & MAGNETIC PARTICLE INSPECTION											
Client:	HALLIBURTON (TSS)				Report No:	QC-27-07-TSS-NDT-002					
Location:	TSS WORKSHOP & INSPECTION TEST AREA				Job Number:	QC-27-07-TSS-NDT-001					
Date:	Saturday, July 27, 2024				Next Inspection Date:	Sunday, January 26, 2025					
Type Of Inspection:	VISUAL , THOROUGH EXAMINATION & MAGNETIC PARTICLE INSPECTION				Specification:	ASTM E709 & ASTM E 1444 (2016) ASME V Article 7 (2019) & API-6A					
					UNIT DESCRIPTION:	X-OVER: 4" 150 CL X 4" 206 THREAD					
					S/NO:	HAH-17441-2					
					INSPECTION RESULT :						
					VISUAL , THOROUGH EXAMINATION		VISUAL & MAGNETIC PARTICLE INSPECTION (M.P.I.) HAD BEEN DONE ON THE AVAILABLE AREAS FOR THE ABOVE DESCRIPTION				
					MAGNETIC PARTICLE INSPECTION		Thread and welding 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:	INSPECTOR NAME: USMAN SHABBIR		SENIOR INSPECTOR:	NAVEED HUSSAIN		
S.NO:	201504048	S.NO:	22650	S.NO:	1898977			QUALIFICATION: ASNT LEVEL II MT & PT & VT&UT	SUPERVISOR:	HANI ALI	
Cal Due Date:	14.OCT.2024	Cal Due Date:	15.OCT.2024	Cal Due Date:	14.OCT.2024			STAMP & SIGNATURE:	CLIENT:		
FLUORESCENT 14HF	Magnaflux	Batch No:	220306	EXPIRE DATE:	MARCH,2025						
White Contrast Paint Manufacture:	Magnaflux	Batch No:	220602	EXPIRE DATE:	JUN,2025						
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: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						

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CERTIFICATION OF VISUAL, THOROUGH EXAMINATION & MAGNETIC PARTICLE INSPECTION										
Client:	HALLIBURTON (TSS)				Report No:	QC-27-07-TSS-NDT-003				
Location:	TSS WORKSHOP & INSPECTION TEST AREA				Job Number:	QC-27-07-TSS-NDT-001				
Date:	Saturday, July 27, 2024				Next Inspection Date:	Sunday, January 26, 2025				
Type Of Inspection:	VISUAL , THOROUGH EXAMINATION & MAGNETIC PARTICLE INSPECTION				Specification:	ASTM E709 & ASTM E 1444 (2016) ASME V Article 7 (2019) & API-6A				
					UNIT DESCRIPTION:	X-OVER: 4" 150 CL X 4" 206 WING				
					S/NO:	HAH-1744-1				
					INSPECTION RESULT :					
					VISUAL , THOROUGH EXAMINATION	VISUAL & MAGNETIC PARTICLE INSPECTION (M.P.I.) HAD BEEN DONE ON THE AVAILABLE AREAS FOR THE ABOVE DESCRIPTION				
					MAGNETIC PARTICLE INSPECTION	Thread and welding 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:	INSPECTOR NAME: USMAN SHABBIR		SENIOR INSPECTOR:	NAVEED HUSSAIN	
S.NO:	201504048	S.NO:	22650	S.NO:	1898977			QUALIFICATION: ASNT LEVEL II MT & PT & VT&UT	SUPERVISOR:	HANI ALI
Cal Due Date:	14.OCT.2024	Cal Due Date:	15.OCT.2024	Cal Due Date:	14.OCT.2024			STAMP & SIGNATURE:	CLIENT:	
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White Contrast Paint Manufacture:	Magnaflux	Batch No:	220602	EXPIRE DATE:	JUN,2025					
Digital Lux Meter WHITE LIGHT INTENSITY:	TECHNICAL DETAILS				Black Magnetic Ink Manufacture:7HF					
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