

AI TAKAMUL COMPANY FOR ENGINEERING TESTS AND PROFESSIONAL SAFETY LIMITED

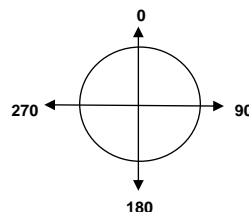
Basra, North Rumaila, Quality Control Yard - Iraq



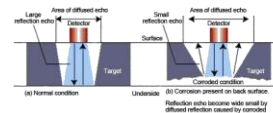
CERTIFICATE OF QUALIFICATION VISUAL AND MAGNETIC PARTICLE INSPECTION AND ULTRASONIC THICKNESS GAUGING INSPECTION

THIS REPORT COMPLIES WITH RECOGNIZED INTERNATIONAL STANDARDS & TECHNICAL REQUIREMENTS

CLIENT:	HALLIBURTON	REPORT No.:	QC-24-01-SPERRY-NDT-001
LOCATION:	Sperry (Burjesia Halliburton Camp)	JOB NO :	QC-24-01-SPERRY-NDT-HALL-002
WORK ORDER #	326200708	SPECIFICATION:	GEO-SPAN R & M MANUAL, REVISION E DOC # D00112140
DATE OF INSPECTION :	Tuesday, January 2, 2024	INSP. DUE DATE:	Wednesday, January 1, 2025
TYPE OF INSPECTION:	VISUAL INSPECTION AND MAGNETIC PARTICLE INSPECTION AND ULTRASONIC THICKNESS GAUGING		
DESCRIPTION:	GEO-SPAN (IN LET PIPING RUN)	GEO-SPAN S.NO	11058208, 210196
MANUFACTURER:	HES	SERIAL NO:	1311524



ONLINE TRACEABILITY



A:12'O CLOCK / FORWARD
B:3'O CLOCK / CENTER
C:6'O CLOCK / AFT

* ALL READINGS IN INCH
**MINIMUM THICKNESS PROVIDED BY CUSTOMER

POINTS	2" PIPING AND ELBOW		Minimum Wall Thickness	3" PIPING AND ELBOW		Minimum Wall Thickness
	A	B		C	D	
0°	0.445	0.454	0.355 INCH	0.624	0.633	0.510 INCH
90°	0.452	0.463	0.355 INCH	0.631	0.654	0.510 INCH
180°	0.458	0.473	0.355 INCH	0.641	0.645	0.510 INCH
270°	0.451	0.467	0.355 INCH	0.630	0.642	0.510 INCH

INSPECTION RESULT

VT & MPI	The above item has no significant discontinuous at the time Of Inspection and found acceptable according to E709 Wet Fluorescent inspection Thread With UltraViolet Light	Note:MPI
UT	The above item was found acceptable as per Halliburton acceptance criteria Geo-span R & M, Manual, Revision E Doc # D00112140	

INSPECTION EQUIPMENT DETAILS

TECHNICAL DETAILS

AC YOKE S.N:	201504048	CAL DUE DATE	14-Feb-24	White Contrast WCP-2	MANUFACTURE	BATCH NO	EXPIRE DATE
Digital Lux Meter WHITE LIGHT	2722003	CAL DUE DATE	16-Feb-24	Magnaflu x	Magnaflu	220602	JUN,2025
UT THICKNESS GAUGE:	3997	CAL DUE DATE	16-Feb-24	Black Magnetic Ink 7HF	MANUFACTURE	BATCH NO	EXPIRE DATE
UT TEST BLOCK:	NoBo5087	CAL DUE DATE	16-Feb-24	Magnaflu x	Magnaflu	220605	JULY.2025
ASTM Test Block:	1657	CAL DUE DATE	14-Feb-24	Fluorescent Magnetic Ink 14HF	MANUFACTURE	BATCH NO	EXPIRE DATE
DC COIL:	22650	CAL DUE DATE	14-Feb-24	Magnaflu x	Magnaflu	220306	March.2025
UV BLACK LIGHT:	1932401	CAL DUE DATE	14-Feb-24	Wet FLUORESCENT	Particle Concentration 14 HF		0.1 to 0.4 ml/100 ml
WHITE LIGHT INTENSITY:	3670 lux	UV BLACK LIGHT INTENSITY:	3240 μw/cm ²	Black Magnetic Ink Concentration 7 HF			1.2 to 2.4 ml/100 ml

PERSON DETAILS

INSPECTOR NAME:	M. Shazad Ali	SENIOR INSPECTOR:	NAVEED HUSSAIN	CLIENT:	
QUALIFICATION:	ASNT Level 2, UT, VT	INSPECTION SUPERVISOR:	HANI ALI	HB&SIGN	
SIGNATURE & STAMP:				DATE:	

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AI TAKAMUL COMPANY FOR ENGINEERING TESTS AND PROFESSIONAL SAFETY LIMITED

Basra, North Rumaila, Quality Control Yard - Iraq

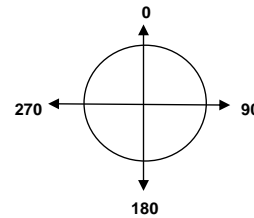


CERTIFICATE OF QUALIFICATION VISUAL AND MAGNETIC PARTICLE INSPECTION AND ULTRASONIC THICKNESS GAUGING INSPECTION

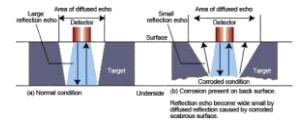
THIS REPORT COMPLIES WITH RECOGNIZED INTERNATIONAL STANDARDS & TECHNICAL REQUIREMENTS

CLIENT:	HALLIBURTON	REPORT No.:	QC-24-01-SPERRY-NDT-002
LOCATION:	Sperry (Burjesia Halliburton Camp)	JOB NO :	QC-24-01-SPERRY-NDT-HALL-002
WORK ORDER #	326200708	SPECIFICATION:	GEO-SPAN R & M MANUAL, REVISION E DOC # D00112140
DATE OF INSPECTION :	Tuesday, January 2, 2024	INSP. DUE DATE:	Wednesday, January 1, 2025
TYPE OF INSPECTION:	VISUAL INSPECTION AND MAGNETIC PARTICLE INSPECTION AND ULTRASONIC THICKNESS GAUGING		

DESCRIPTION:	FLOW DIVERTER HOUSING	GEO-SPAN S.NO	11058208, 210196
MANUFACTURER:	HES	SERIAL NO:	2003300



ONLINE TRACEABILITY



A:12'O CLOCK / FORWARD
B:3'O CLOCK / CENTER
C:6'O CLOCK / AFT

* ALL READINGS IN INCH
**MINIMUM THICKNESS PROVIDED BY CUSTMER

POINTS	A	Minimum Wall Thickness
0°	0.612	0.355 INCH
90°	0.619	
180°	0.625	
270°	0.618	

INSPECTION RESULT

VT & MPI	The above item has no significant discontinuous at the time Of Inspection and found acceptable according to E709 Note:MPI Wet Fluorescent inspection Thread With UltraViolet Light
UT	The above item was found acceptable as per Halliburton acceptance criteria Geo-span R & M, Manual, Revision E Doc # D00112140

INSPECTION EQUIPMENT DETAILS				TECHNICAL DETAILS			
AC YOKE S.N:	201504048	CAL DUE DATE	14-Feb-24	White Contrast WCP-2	MANUFACTURE	BATCH NO	EXPIRE DATE
Digital Lux Meter WHITE LIGHT	2722003	CAL DUE DATE	16-Feb-24		Magnaflux	220602	JUN,2025
UT THICKNESS GAUGE:	3997	CAL DUE DATE	16-Feb-24	Black Magnetic Ink 7HF	MANUFACTURE	BATCH NO	EXPIRE DATE
UT TEST BLOCK:	NoBo5087	CAL DUE DATE	16-Feb-24		Magnaflux	220605	JULY.2025
ASTM Test Block:	1657	CAL DUE DATE	14-Feb-24	Fluorescent Magnetic Ink 14HF	MANUFACTURE	BATCH NO	EXPIRE DATE
DC COIL:	22650	CAL DUE DATE	14-Feb-24		Magnaflux	220306	March.2025
UV BLACK LIGHT:	1932401	CAL DUE DATE	14-Feb-24	Wet FLUORESCENT Particle Concentration 14 HF			0.1 to 0.4 ml/100 ml
WHITE LIGHT INTENSITY:	3670 lux	UV BLACK LIGHT INTENSITY:	3240 μw/cm ²	Black Magnetic Ink Concentration 7 HF			1.2 to 2.4 ml/100 ml

PERSON DETAILS

INSPECTOR NAME:	M. Shehbaz Ali	SENIOR INSPECTOR:	NAVEED HUSSAIN	CLIENT:	
QUALIFICATION:	ASNT Level 2 UT, VT,	INSPECTION SUPERVISOR:	HANI ALI	HB&SIGN	
SIGNATURE & STAMP:				DATE:	

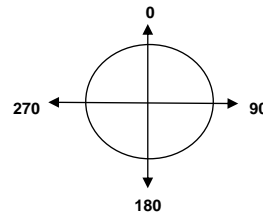
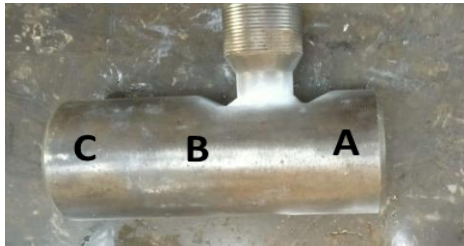
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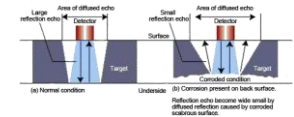
CERTIFICATE OF QUALIFICATION VISUAL AND MAGNETIC PARTICLE INSPECTION AND ULTRASONIC THICKNESS GAUGING INSPECTION

THIS REPORT COMPLIES WITH RECOGNIZED INTERNATIONAL STANDARDS & TECHNICAL REQUIREMENTS

CLIENT:	HALLIBURTON	REPORT No.:	QC-24-01-SPERRY-NDT-003
LOCATION:	Sperry (Burjesia Halliburton Camp)	JOB NO :	QC-24-01-SPERRY-NDT-HALL-002
WORK ORDER #	326200708	SPECIFICATION:	GEO-SPAN R & M MANUAL, REVISION E DOC # D00112140
DATE OF INSPECTION :	Tuesday, January 2, 2024	INSP. DUE DATE:	Wednesday, January 1, 2025
TYPE OF INSPECTION:	VISUAL INSPECTION AND MAGNETIC PARTICLE INSPECTION AND ULTRASONIC THICKNESS GAUGING		
DESCRIPTION:	GEO SPAN MANIFOLD	GEO-SPAN S.NO	11058208, 210196
MANUFACTURER:	HES	SERIAL NO:	975362



ONLINE TRACEABILITY



A:12'O CLOCK / FORWARD
B:3'O CLOCK / CENTER
C:6'O CLOCK / AFT

* ALL READINGS IN INCH
**MINIMUM THICKNESS PROVIDED BY CUSTOMER

POINTS	A	B	C	Minimum Wall Thickness
0°	1.346	1.359	1.366	0.510 INCH
90°	1.353	1.355	1.362	
180°	1.363	1.367	1.369	
270°	1.352	1.359	1.364	

INSPECTION RESULT

VT & MPI	The above item has no significant discontinuous at the time Of Inspection and found acceptable according to E709 Wet Fluorescent inspection Thread With UltraViolet Light	Note:MPI
UT	The above item was found acceptable as per Halliburton acceptance criteria Geo-span R & M, Manual, Revision E Doc # D00112140	

INSPECTION EQUIPMENT DETAILS

TECHNICAL DETAILS

AC YOKE S.N:	201504048	CAL DUE DATE	14-Feb-24	White Contrast WCP-2	MANUFACTURE	BATCH NO	EXPIRE DATE
Digital Lux Meter WHITE LIGHT	2722003	CAL DUE DATE	16-Feb-24	Magnaflu x		220602	JUN.2025
UT THICKNESS GAUGE:	3997	CAL DUE DATE	16-Feb-24	Black Magnetic Ink 7HF	MANUFACTURE	BATCH NO	EXPIRE DATE
UT TEST BLOCK:	NoBo5087	CAL DUE DATE	16-Feb-24	Magnaflu x		220605	JULY.2025
ASTM Test Block:	1657	CAL DUE DATE	14-Feb-24	Fluorescent Magnetic Ink 14HF	MANUFACTURE	BATCH NO	EXPIRE DATE
DC COIL:	22650	CAL DUE DATE	14-Feb-24			220306	March.2025
UV BLACK LIGHT:	1932401	CAL DUE DATE	14-Feb-24	Wet FLUORESCENT Particle Concentration 14 HF			0.1 to 0.4 ml/100 ml
WHITE LIGHT INTENSITY:	3670 lux	UV BLACK LIGHT INTENSITY:	3240 μw/cm ²	Black Magnetic Ink Concentration 7 HF			1.2 to 2.4 ml/100 ml

PERSON DETAILS

INSPECTOR NAME:	M. Shehbaz Ali	SENIOR INSPECTOR:	NAVEED HUSSAIN	CLIENT:	
QUALIFICATION:	ASNT Level 2, UT, VT,	INSPECTION SUPERVISOR:	HANI ALI	HB&SIGN	
SIGNATURE & STAMP:				DATE:	



AI TAKAMUL COMPANY FOR ENGINEERING TESTS AND PROFESSIONAL SAFETY LIMITED

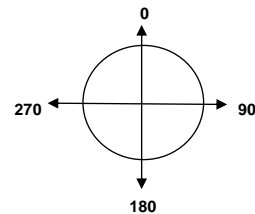
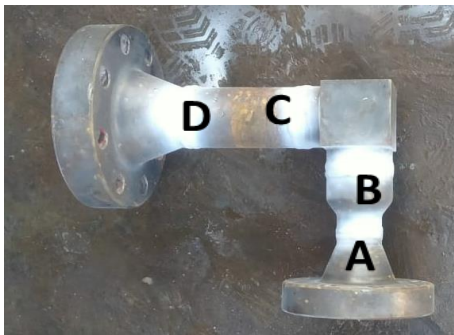
Basra, North Rumaila, Quality Control Yard - Iraq



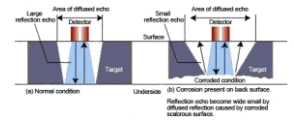
CERTIFICATE OF QUALIFICATION VISUAL AND MAGNETIC PARTICLE INSPECTION AND ULTRASONIC THICKNESS GAUGING INSPECTION

THIS REPORT COMPLIES WITH RECOGNIZED INTERNATIONAL STANDARDS & TECHNICAL REQUIREMENTS

CLIENT:	HALLIBURTON	REPORT No.:	QC-24-01-SPERRY-NDT-005
LOCATION:	Sperry (Burjesia Halliburton Camp)	JOB NO :	QC-24-01-SPERRY-NDT-HALL-002
WORK ORDER #	326200708	SPECIFICATION:	GEO-SPAN R & M MANUAL, REVISION E DOC # D00112140
DATE OF INSPECTION :	Tuesday, January 2, 2024	INSP. DUE DATE:	Wednesday, January 1, 2025
TYPE OF INSPECTION:	VISUAL INSPECTION AND MAGNETIC PARTICLE INSPECTION AND ULTRASONIC THICKNESS GAUGING		
DESCRIPTION:	CHOKE INLET WELDMENT	GEO-SPAN S.NO	11058208, 210196
MANUFACTURER:	HES	SERIAL NO:	1506118



ONLINE TRACEABILITY



A:12'O CLOCK / FORWARD
B:3'O CLOCK / CENTER
C:6'O CLOCK / AFT

* ALL READINGS IN INCH
**MINIMUM THICKNESS PROVIDED BY CUSTOMER

POINTS	2" PIPING AND ELBOW		Minimum Wall Thickness	3" PIPING AND ELBOW		Minimum Wall Thickness
	A	B		C	D	
0°	0.443	0.644	0.355 INCH	0.607	0.616	0.510 INCH
90°	0.450	0.622	0.355 INCH	0.614	0.637	0.510 INCH
180°	0.456	0.618	0.355 INCH	0.624	0.628	0.510 INCH
270°	0.449	0.606	0.355 INCH	0.613	0.625	0.510 INCH

INSPECTION RESULT

VT & MPI	The above item has no significant discontinuous at the time Of Inspection and found acceptable according to E709
UT	The above item was found acceptable as per Halliburton acceptance criteria Geo-span R & M, Manual, Revision E Doc # D00112140

INSPECTION EQUIPMENT DETAILS

TECHNICAL DETAILS

AC YOKE S.N:	20150408	CAL DUE DATE	14-Feb-24	White Contrast WCP-2	MANUFACTURE Magnaflu x	BATCH NO	220602	EXPIRE DATE	JUN,2025
Digital Lux Meter WHITE LIGHT	2722003	CAL DUE DATE	16-Feb-24	Black Magnetic Ink 7HF	MANUFACTURE Magnaflu x	BATCH NO	220605	EXPIRE DATE	JULY,2025
UT THICKNESS GAUGE:	3997	CAL DUE DATE	16-Feb-24	Fluorescent Magnetic Ink 14HF	MANUFACTURE Magnaflu x	BATCH NO	220306	EXPIRE DATE	March,2025
UT TEST BLOCK:	NoBo5087	CAL DUE DATE	16-Feb-24	Wet FLUORESCENT Particle Concentration 14 HF					0.1 to 0.4 ml/100 ml
ASTM Test Block:	1657	CAL DUE DATE	14-Feb-24	Black Magnetic Ink Concentration 7 HF					1.2 to 2.4 ml/100 ml
DC COIL:	22650	CAL DUE DATE	14-Feb-24						
UV BLACK LIGHT:	1932401	CAL DUE DATE	14-Feb-24						
WHITE LIGHT INTENSITY:	3670 lux	UV BLACK LIGHT INTENSITY:	3240 μw/cm ²						

PERSON DETAILS

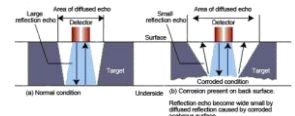
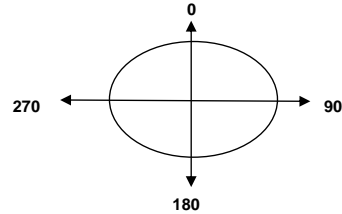
INSPECTOR NAME:	M. Shehrazad Ali	SENIOR INSPECTOR:	NAVEED HUSSAIN	CLIENT:	
QUALIFICATION:	ASNT Level 2, UT, VT	INSPECTION SUPERVISOR:	HANI ALI	HB&SIGN	
SIGNATURE & STAMP:				DATE:	

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CERTIFICATE OF QUALIFICATION VISUAL AND MAGNETIC PARTICLE INSPECTION AND ULTRASONIC THICKNESS GAUGING INSPECTION
THIS REPORT COMPLIES WITH RECOGNIZED INTERNATIONAL STANDARDS & TECHNICAL REQUIREMENTS

CLIENT:	HALLIBURTON	REPORT No.:	QC-24-01-SPERRY-NDT-006
LOCATION:	Sperry (Burjesia Halliburton Camp)	JOB NO :	QC-24-01-SPERRY-NDT-HALL-002
WORK ORDER #	326200708	SPECIFICATION:	GEO-SPAN R & M MANUAL, REVISION E DOC # D00112140
DATE OF INSPECTION :	Tuesday, January 2, 2024	INSP. DUE DATE:	Wednesday, January 1, 2025
TYPE OF INSPECTION:	VISUAL INSPECTION AND MAGNETIC PARTICLE INSPECTION AND ULTRASONIC THICKNESS GAUGING		
DESCRIPTION:	Downstream Orifice Piping Run	GEO-SPAN S.NO	11058208, 210196
MANUFACTURER:	HES	SERIAL NO:	1667419



A:12'O CLOCK / FORWARD
B:3'O CLOCK / CENTER
C :6'O CLOCK / AFT

* ALL READINGS IN INCH
**MINIMUM THICKNESS PROVIDED BY CUSTMER

POINTS	A	B	C	D	E	F	Minimum Wall Thickness
0°	0.432	0.439	0.442	0.448	0.458	0.461	0.355 INCH
90°	0.439	0.445	0.450	0.456	0.460	0.464	0.355 INCH
180°	0.449	0.453	0.446	0.449	0.454	0.457	0.355 INCH
270°	0.438	0.441	0.448	0.452	0.456	0.458	0.355 INCH

INSPECTION RESULT

VT & MPI	The above item has no significant discontinuous at the time Of Inspection and found acceptable according to E709
UT	The above item was found acceptable as per Halliburton acceptance criteria Geo-span R & M, Manual, Revision E Doc # D00112140

INSPECTION EQUIPMENT DETAILS

TECHNICAL DETAILS

AC YOKE S.N:	201504048	CAL DUE DATE	14-Feb-24	White Contrast WCP-2	MANUFACTURE	BATCH NO	EXPIRE DATE
Digital Lux Meter WHITE LIGHT	2722003	CAL DUE DATE	16-Feb-24		Magnaflux	220602	JUN.2025
UT THICKNESS GAUGE:	3997	CAL DUE DATE	16-Feb-24	Black Magnetic Ink 7HF	MANUFACTURE	BATCH NO	EXPIRE DATE
UT TEST BLOCK:	NoBo5087	CAL DUE DATE	16-Feb-24		Magnaflux	220605	JULY.2025
ASTM Test Block:	1657	CAL DUE DATE	14-Feb-24	Fluorescent Magnetic Ink 14HF	MANUFACTURE	BATCH NO	EXPIRE DATE
DC COIL:	22650	CAL DUE DATE	14-Feb-24		Magnaflux	220306	March.2025
UV BLACK LIGHT:	1932401	CAL DUE DATE	14-Feb-24	Wet FLUORESCENT Particle Concentration 14 HF			0.1 to 0.4 ml/100 ml
WHITE LIGHT INTENSITY:	3670 lux	UV BLACK LIGHT INTENSITY:	3240 μw/cm ²	Black Magnetic Ink Concentration 7 HF			1.2 to 2.4 ml/100 ml

PERSON DETAILS

INSPECTOR NAME:	M. Saabud Ahmed	SENIOR INSPECTOR:	NAVEED HUSSAIN	CLIENT:	
QUALIFICATION:		INSPECTION SUPERVISOR:	HANI ALI	HB&SIGN	
SIGNATURE & STAMP:				DATE:	



AI TAKAMUL COMPANY FOR ENGINEERING TESTS AND PROFESSIONAL SAFETY LIMITED

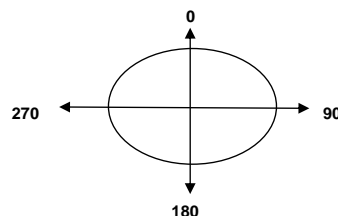
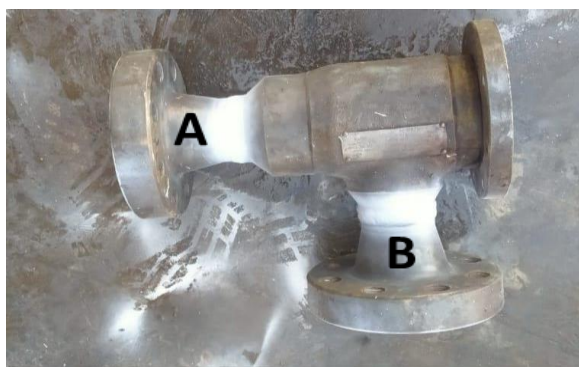
Basra, North Rumaila, Quality Control Yard - Iraq



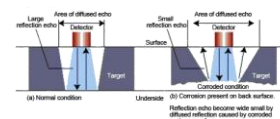
CERTIFICATE OF QUALIFICATION VISUAL AND MAGNETIC PARTICLE INSPECTION AND ULTRASONIC THICKNESS GAUGING INSPECTION

THIS REPORT COMPLIES WITH RECOGNIZED INTERNATIONAL STANDARDS & TECHNICAL REQUIREMENTS

CLIENT:	HALLIBURTON	REPORT No.:	QC-24-01-SPERRY-NDT-007
LOCATION:	Sperry (Burjesia Halliburton Camp)	JOB NO :	QC-24-01-SPERRY-NDT-HALL-002
WORK ORDER #	326200708	SPECIFICATION:	GEO-SPAN R & M MANUAL, REVISION E DOC # D00112140
DATE OF INSPECTION :	Tuesday, January 2, 2024	INSP. DUE DATE:	Wednesday, January 1, 2025
TYPE OF INSPECTION:	VISUAL INSPECTION AND MAGNETIC PARTICLE INSPECTION AND ULTRASONIC THICKNESS GAUGING		
DESCRIPTION:	CHOKE VALVE BODY	GEO-SPAN S.NO	11058208, 210196
MANUFACTURER:	HES	SERIAL NO:	120432544-8



ONLINE TRACEABILITY



A: 12'O CLOCK / FORWARD
B: 3'O CLOCK / CENTER
C: 6'O CLOCK / AFT

* ALL READINGS IN INCH
**MINIMUM THICKNESS PROVIDED BY CUSTOMER

POINTS	A	Minimum Wall Thickness	B	Minimum Wall Thickness
0°	0.474	0.400 INCH	1.065	0.800 INCH
90°	0.481	0.400 INCH	1.072	0.800 INCH
180°	0.486	0.400 INCH	1.082	0.800 INCH
270°	0.476	0.400 INCH	1.073	0.800 INCH

INSPECTION RESULT

VT & MPI	The above item has no significant discontinuous at the time Of Inspection and found acceptable according to E709
UT	The above item was found acceptable as per Halliburton acceptance criteria Geo-span R & M, Manual, Revision E Doc # D00112140



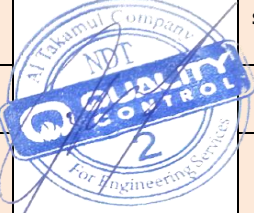
INSPECTION EQUIPMENT DETAILS				TECHNICAL DETAILS			
AC YOKE S.N:	201504048	CAL DUE DATE	14-Feb-24	White Contrast WCP-2	MANUFACTURE	BATCH NO	EXPIRE DATE
Digital Lux Meter WHITE LIGHT	2722003	CAL DUE DATE	16-Feb-24		Magnaflux	220602	JUN,2025
UT THICKNESS GAUGE:	3997	CAL DUE DATE	16-Feb-24	Black Magnetic Ink 7HF	MANUFACTURE	BATCH NO	EXPIRE DATE
UT TEST BLOCK:	NoBo5087	CAL DUE DATE	16-Feb-24		Magnaflux	220605	JULY,2025
ASTM Test Block:	1657	CAL DUE DATE	14-Feb-24	Fluorescent Magnetic Ink 14HF	MANUFACTURE	BATCH NO	EXPIRE DATE
DC COIL:	22650	CAL DUE DATE	14-Feb-24		Magnaflux	220306	March,2025
UV BLACK LIGHT:	1932401	CAL DUE DATE	14-Feb-24	Wet FLUORESCENT Particle Concentration 14 HF		0.1 to 0.4 ml/100 ml	
WHITE LIGHT INTENSITY:	3670 lux	UV BLACK LIGHT INTENSITY:	3240 µw/cm ²	Black Magnetic Ink Concentration 7 HF		1.2 to 2.4 ml/100 ml	

PERSON DETAILS

INSPECTOR NAME:	M. Saahrazd Ahmed	SENIOR INSPECTOR:	NAVEED HUSSAIN	CLIENT:	
QUALIFICATION:		INSPECTION SUPERVISOR:	HANI ALI	HB&SIGN	
SIGNATURE & STAMP:				DATE:	

Original - Client Files Copy/ Area Office QC/FN/PT/077 Rev.00 DATED 07.NOV. 2021



CERTIFICATION OF VISUAL, THOROUGH EXAMINATION & MAGNETIC PARTICLE INSPECTION											
Client:		HALLIBURTON			Report No:		QC-24-01-SPERRY-NDT-008				
Location:		Sperry (Burjesia Halliburton Camp)			WORK ORDER NO:		326200708				
Inspection Date:		Tuesday, January 2, 2024			Next Inspection Date:		Wednesday, January 1, 2025				
Type Of Inspection:		VISUAL, THOROUGH EXAMINATION & MAGNETIC PARTICLE INSPECTION			Specification:		ASTM E709 & API 6A & ASTM E 1444 (2016) ASME V Article 7 (2019) GEO-SPAN R & M MANUAL, REVISION E DOC # D00112140				
				UNIT DESCRIPTION:		INLET FLANGE 2 1/16" 10K BX152 X 2" 1502 THREAD					
				UNIT S/N:		4130-66263					
				GEO-SPAN S.NO		11058208, 210196					
				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 & Available critical 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: 3240 µw/cm ²	INSPECTOR NAME:		SENIOR INSPECTOR:	NAVEED HUSSAIN		
S.NO:	201504048	S.NO:	22650	S.NO:	1932401	QUALIFICATION:		SUPERVISOR:	HANI ALI		
Cal Due Date:	14.FEB.2024	Cal Due Date:	14.FEB.2024	Cal Due Date:	14.FEB.2024	ASNT LEVEL II MT & PT & VT		CLIENT:			
FLUORESCENT 14HF		Magnaflux	Batch No:	220306	EXPIRE DATE:	MARCH,2025					
Whie Contrast Paint Manufacture:		Magnaflux	Batch No:	220602	EXPIRE DATE:	JUN,2025					
Digital Lux Meter WHITE LIGHT INTENSITY:		TECHNICAL DETAILS			Black Magnetic Ink Manufacture:7HF		STAMP & SIGNATURE:				
3570 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.FEB.2024		Black Magnetic Ink Concentration 7 HF		1.2 to 2.4 ml/100 ml		EXPIRE DATE:		Jul-25			

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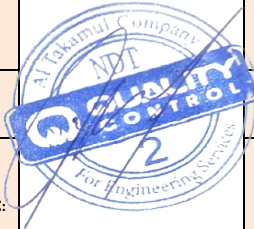
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CERTIFICATION OF VISUAL, THOROUGH EXAMINATION & MAGNETIC PARTICLE INSPECTION											
Client:		HALLIBURTON			Report No:		QC-24-01-SPERRY-NDT-009				
Location:		Sperry (Burjesia Halliburton Camp)			WORK ORDER NO:		326200708				
Inspection Date:		Tuesday, January 2, 2024			Next Inspection Date:		Wednesday, January 1, 2025				
Type Of Inspection:		VISUAL, THOROUGH EXAMINATION & MAGNETIC PARTICLE INSPECTION			Specification:		ASTM E709 & API 6A & ASTM E 1444 (2016) ASME V Article 7 (2019) GEO-SPAN R & M MANUAL, REVISION E DOC # D00112140				
				UNIT DESCRIPTION:		OUTLET FLANGE 2 1/16" 10K BX152 X 2" 1502 THREAD					
				UNIT S/N:		4130-66265					
				GEO-SPAN S.NO		11058208, 210196					
				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 & Available critical 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: 3240 µw/cm ²	INSPECTOR NAME:		SENIOR INSPECTOR:	NAVEED HUSSAIN		
S.NO:	201504048	S.NO:	22650	S.NO:	1932401	QUALIFICATION:		SUPERVISOR:	HANI ALI		
Cal Due Date:	14.FEB.2024	Cal Due Date:	14.FEB.2024	Cal Due Date:	14.FEB.2024	ASNT LEVEL II MT & PT & VT		CLIENT:			
FLUORESCENT 14HF		Magnaflux	Batch No:	220306	EXPIRE DATE:	MARCH,2025					
Whie Contrast Paint Manufacture:		Magnaflux	Batch No:	220602	EXPIRE DATE:	JUN,2025					
Digital Lux Meter WHITE LIGHT INTENSITY:		TECHNICAL DETAILS			Black Magnetic Ink Manufacture:7HF		STAMP & SIGNATURE:				
3570 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.FEB.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			Report No:		QC-24-01-SPERRY-NDT-010				
Location:		Sperry (Burjesia Halliburton Camp)			WORK ORDER NO:		326200708				
Inspection Date:		Tuesday, January 2, 2024			Next Inspection Date:		Wednesday, January 1, 2025				
Type Of Inspection:		VISUAL , THOROUGH EXAMINATION & MAGNETIC PARTICLE INSPECTION			Specification:		ASTM E709 & ASTM E 1444 (2016) ASME V Article 7 (2019) GEO-SPAN R & M MANUAL, REVISION E DOC # D00112140				
				UNIT DESCRIPTION:		TURNING FORK (GEO-SPAN)					
				UNIT S/N:		4512069319-10-10					
				GEO-SPAN S.NO		11058208, 210196					
				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		Full 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/DC HAND Yoke	EQUIPMENT :	Shooting Coil DC	EQUIPMENT :	UV BLACK LIGHT: 3240 µw/cm ²	INSPECTOR NAME:		SENIOR INSPECTOR:	NAVEED HUSSAIN		
S.NO:	201504048	S.NO:	22650	S.NO:	1932401	QUALIFICATION:		SUPERVISOR:	HANI ALI		
Cal Due Date:	14.FEB.2024	Cal Due Date:	14.FEB.2024	Cal Due Date:	14.FEB.2024	ASNT LEVEL II MT & PT & VT		CLIENT:			
FLUORESCENT 14HF		Magnaflux	Batch No:	220306	EXPIRE DATE:	MARCH,2025					
Whie Contrast Paint Manufacture:		Magnaflux	Batch No:	220602	EXPIRE DATE:	JUN,2025					
Digital Lux Meter WHITE LIGHT INTENSITY:	TECHNICAL DETAILS				Black Magnetic Ink Manufacture:7HF		STAMP & SIGNATURE:				
3570 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.FEB.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			Report No:		QC-24-01-SPERRY-NDT-011				
Location:		Sperry (Burjesia Halliburton Camp)			WORK ORDER NO:		326200708				
Inspection Date:		Tuesday, January 2, 2024			Next Inspection Date:		Wednesday, January 1, 2025				
Type Of Inspection:		VISUAL , THOROUGH EXAMINATION & MAGNETIC PARTICLE INSPECTION			Specification:		ASTM E709 & ASTM E 1444 (2016) ASME V Article 7 (2019) GEO-SPAN R & M MANUAL, REVISION E DOC # D00112140				
				UNIT DESCRIPTION:		BONNET (GEO-SPAN)					
				UNIT S/N:		4511686618-10-10					
				GEO-SPAN S.NO		11058208, 210196					
				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 & Available critical 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: 3240 µw/cm ²	INSPECTOR NAME:		SENIOR INSPECTOR:	NAVEED HUSSAIN		
S.NO:	201504048	S.NO:	22650	S.NO:	1932401	QUALIFICATION:		SUPERVISOR:	HANI ALI		
Cal Due Date:	14.FEB.2024	Cal Due Date:	14.FEB.2024	Cal Due Date:	14.FEB.2024	ASNT LEVEL II MT & PT & VT		CLIENT:			
FLUORESCENT 14HF		Magnaflux	Batch No:	220306	EXPIRE DATE:	MARCH,2025					
Whie Contrast Paint Manufacture:		Magnaflux	Batch No:	220602	EXPIRE DATE:	JUN,2025					
Digital Lux Meter WHITE LIGHT INTENSITY:		TECHNICAL DETAILS			Black Magnetic Ink Manufacture:7HF		STAMP & SIGNATURE:				
3570 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.FEB.2024		Black Magnetic Ink Concentration 7 HF		1.2 to 2.4 ml/100 ml		EXPIRE DATE:		Jul-25			

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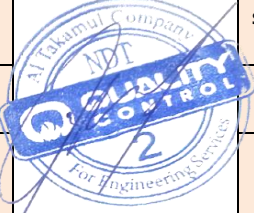
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CERTIFICATION OF VISUAL, THOROUGH EXAMINATION & MAGNETIC PARTICLE INSPECTION											
Client:		HALLIBURTON			Report No:		QC-24-01-SPERRY-NDT-012				
Location:		Sperry (Burjesia Halliburton Camp)			WORK ORDER NO:		326200708				
Inspection Date:		Tuesday, January 2, 2024			Next Inspection Date:		Wednesday, January 1, 2025				
Type Of Inspection:		VISUAL, THOROUGH EXAMINATION & MAGNETIC PARTICLE INSPECTION			Specification:		ASTM E709 & ASTM E 1444 (2016) ASME V Article 7 (2019) GEO-SPAN R & M MANUAL, REVISION E DOC # D00112140				
				UNIT DESCRIPTION:		MANIFOLD NUT (GEO-SPAN)					
				UNIT S/N:		8155706					
				GEO-SPAN S.NO		11058208, 210196					
				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 & 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: 3240 µw/cm ²	INSPECTOR NAME:		SENIOR INSPECTOR:	NAVEED HUSSAIN		
S.NO:	201504048	S.NO:	22650	S.NO:	1932401	QUALIFICATION:		SUPERVISOR:	HANI ALI		
Cal Due Date:	14.FEB.2024	Cal Due Date:	14.FEB.2024	Cal Due Date:	14.FEB.2024	ASNT LEVEL II MT & PT & VT		CLIENT:			
FLUORESCENT 14HF		Magnaflux	Batch No:	220306	EXPIRE DATE:	MARCH,2025					
Whie Contrast Paint Manufacture:		Magnaflux	Batch No:	220602	EXPIRE DATE:	JUN,2025					
Digital Lux Meter WHITE LIGHT INTENSITY:		TECHNICAL DETAILS			Black Magnetic Ink Manufacture:7HF		STAMP & SIGNATURE:				
3570 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.FEB.2024		Black Magnetic Ink Concentration 7 HF		1.2 to 2.4 ml/100 ml		EXPIRE DATE:		Jul-25			

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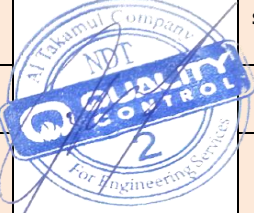
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CERTIFICATION OF VISUAL, THOROUGH EXAMINATION & MAGNETIC PARTICLE INSPECTION											
Client:		HALLIBURTON			Report No:		QC-24-01-SPERRY-NDT-013				
Location:		Sperry (Burjesia Halliburton Camp)			WORK ORDER NO:		326200708				
Inspection Date:		Tuesday, January 2, 2024			Next Inspection Date:		Wednesday, January 1, 2025				
Type Of Inspection:		VISUAL, THOROUGH EXAMINATION & MAGNETIC PARTICLE INSPECTION			Specification:		ASTM E709 & ASTM E 1444 (2016) ASME V Article 7 (2019) GEO-SPAN R & M MANUAL, REVISION E DOC # D00112140				
				UNIT DESCRIPTION:		SBP-PLUG (GEO-SPAN)					
				UNIT S/N:		11058208-2					
				GEO-SPAN S.NO		11058208, 210196					
				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 & 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: 3240 µw/cm ²	INSPECTOR NAME:		SENIOR INSPECTOR:	NAVEED HUSSAIN		
S.NO:	201504048	S.NO:	22650	S.NO:	1932401	QUALIFICATION:		SUPERVISOR:	HANI ALI		
Cal Due Date:	14.FEB.2024	Cal Due Date:	14.FEB.2024	Cal Due Date:	14.FEB.2024	ASNT LEVEL II MT & PT & VT		CLIENT:			
FLUORESCENT 14HF		Magnaflux	Batch No:	220306	EXPIRE DATE:	MARCH,2025					
Whie Contrast Paint Manufacture:		Magnaflux	Batch No:	220602	EXPIRE DATE:	JUN,2025					
Digital Lux Meter WHITE LIGHT INTENSITY:		TECHNICAL DETAILS			Black Magnetic Ink Manufacture:7HF		STAMP & SIGNATURE:				
3570 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.FEB.2024		Black Magnetic Ink Concentration 7 HF		1.2 to 2.4 ml/100 ml		EXPIRE DATE:		Jul-25			

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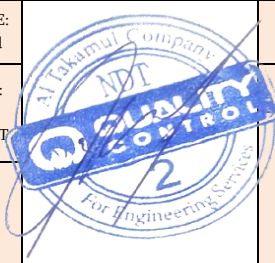
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AND PROFESSIONAL SAFETY LIMITED
Basra, North Rumaila, Quality Control Yard - Iraq



CERTIFICATION OF VISUAL THOROUGH EXAMINATION & DYE PENETRANT INSPECTION

Client:	HALLIBURTON	Report No:	QC-24-01-SPERRY-NDT-014
Location:	Sperry (Burjesia Halliburton Camp)	WORK ORDER NO:	326200708
Inspection Date:	Tuesday, January 2, 2024	Next Inspection Date:	Wednesday, January 1, 2025
Type Of Inspection:	VISUAL , THOROUGH EXAMINATION & DYE PENETRANT INSPECTION (DPI)	Specification:	ASTM E165/E165M ,ASTM E1417/E1417M ,EN ISO 3452-1,EN ISO 3452-2 GEO-SPAN R & M MANUAL, REVISION E DOC # D00112140
	UNIT DESCRIPTION:	FLOW DIVERTER (GEO-SPAN)	
	UNIT S/N:	11058208-1	
	GEO-SPAN S.NO	11058208, 210196	
	INSPECTION RESULT :		
	VISUAL , THOROUGH EXAMINATION	Above Item fully inspected and found freedom from deforms, cracks, corrosion & mechanical damage	
	DYE PENETRANT INSPECTION (DPI)	forgn areas inspected and found freedom from cracks and other defects	
	FINAL RESULTS	Above Item found satisfactory and free of defects at the time of inspection	
	TECHNICAL DETAILS		
	TECHNIQUE 2 - TYPE II VISIBLE, METHOD 'A' WATER -WASHABLE		
	PENETRANT DWELL TIME:	30 minutes	DEVELOPER DWELL TIME:
Test Part Temperature:	67 °F	WHITE LIGHT INTENSITY:	3510 LUX




EQUIPMENT DETAILS						PERSONNEL DETAILS		REVIEW BY	
EQUIPMENT :	COMPARATOR BLOCK	EQUIPMENT :	Digital Lux Meter	EQUIPMENT :	INFRARED THERMOMETER	INSPECTOR NAME:	M.Shahzad Ahmed	SENIOR INSPECTOR:	NAVEED HUSSAIN
S.N:	11223	S.N:	2722003	S.N:	201704125	QUALIFICATION:	ASNT LEVEL II MT & PT& VT & UT	SUPERVISOR:	HANI ALI
Cal Due Date:	14,FEB,2024	Cal Due Date:	16,FEB,2024	Cal Due Date:	16,FEB,2024	SIGNATURE:		CLIENT:	
Red Penetrant Manufacture:	Magnaflux	Batch No:	220511	EXPIRE DATE:	May,2025				
Developer Manufacture:	Magnaflux	Batch No:	220302	EXPIRE DATE:	March,2025				
WATER PRESSURE	30 PSI	P. GAUGE	SSR825	DUE CAL DATE:	18,AUG,2024				

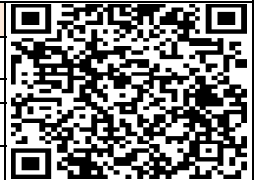
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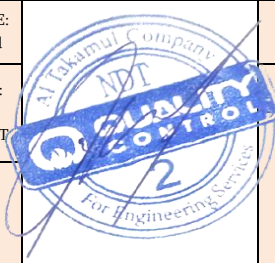
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Basra, North Rumaila, Quality Control Yard - Iraq



CERTIFICATION OF VISUAL THOROUGH EXAMINATION & DYE PENETRANT INSPECTION

Client:	HALLIBURTON	Report No:	QC-24-01-SPERRY-NDT-015
Location:	Sperry (Burjesia Halliburton Camp)	WORK ORDER NO:	326200708
Inspection Date:	Tuesday, January 2, 2024	Next Inspection Date:	Wednesday, January 1, 2025
Type Of Inspection:	VISUAL , THOROUGH EXAMINATION & DYE PENETRANT INSPECTION (DPI)	Specification:	ASTM E165/E165M ,ASTM E1417/E1417M ,EN ISO 3452-1,EN ISO 3452-2 GEO-SPAN R & M MANUAL, REVISION E DOC # D00112140
	UNIT DESCRIPTION:	FRONT DISC (GEO-SPAN)	
	UNIT S/N:	11058208-3	
	GEO-SPAN S.NO	11058208, 210196	
	INSPECTION RESULT :		
	VISUAL , THOROUGH EXAMINATION	Above Item fully inspected and found freedom from deforms, cracks, corrosion & mechanical damage	
	DYE PENETRANT INSPECTION (DPI)	forgn areas inspected and found freedom from cracks and other defects	
	FINAL RESULTS	Above Item found satisfactory and free of defects at the time of inspection	
	TECHNICAL DETAILS		
	TECHNIQUE 2 - TYPE II VISIBLE, METHOD 'A' WATER -WASHABLE		
	PENETRANT DWELL TIME:	30 minutes	DEVELOPER DWELL TIME:
Test Part Temperature:	67 °F	WHITE LIGHT INTENSITY:	3510 LUX




EQUIPMENT DETAILS						PERSONNEL DETAILS		REVIEW BY	
EQUIPMENT :	COMPARATOR BLOCK	EQUIPMENT :	Digital Lux Meter	EQUIPMENT :	INFRARED THERMOMETER	INSPECTOR NAME:	M.Shahzad Ahmed	SENIOR INSPECTOR:	NAVEED HUSSAIN
S.N:	11223	S.N:	2722003	S.N:	201704125	QUALIFICATION:	ASNT LEVEL II MT & PT& VT & UT	SUPERVISOR:	HANI ALI
Cal Due Date:	14,FEB,2024	Cal Due Date:	16,FEB,2024	Cal Due Date:	16,FEB,2024	SIGNATURE:		CLIENT:	
Red Penetrant Manufacture:	Magnaflux	Batch No:	220511	EXPIRE DATE:	May,2025				
Developer Manufacture:	Magnaflux	Batch No:	220302	EXPIRE DATE:	March,2025				
WATER PRESSURE	30 PSI	P. GAUGE	SSR825	DUE CAL DATE:	18,AUG,2024				

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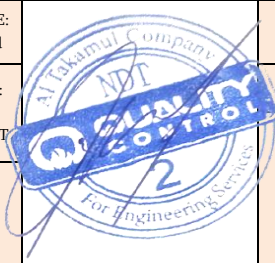
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CERTIFICATION OF VISUAL THOROUGH EXAMINATION & DYE PENETRANT INSPECTION

Client:	HALLIBURTON	Report No:	QC-24-01-SPERRY-NDT-016	
Location:	Sperry (Burjesia Halliburton Camp)	WORK ORDER NO:	326200708	
Inspection Date:	Tuesday, January 2, 2024	Next Inspection Date:	Wednesday, January 1, 2025	
Type Of Inspection:	VISUAL , THOROUGH EXAMINATION & DYE PENETRANT INSPECTION (DPI)	Specification:	ASTM E165/E165M ,ASTM E1417/E1417M ,EN ISO 3452-1,EN ISO 3452-2 GEO-SPAN R & M MANUAL, REVISION E DOC # D00112140	
	UNIT DESCRIPTION:	BACK DISC (GEO-SPAN)		
	UNIT S/N:	11058208-4		
	GEO-SPAN S.NO	11058208, 210196		
	INSPECTION RESULT :			
	VISUAL , THOROUGH EXAMINATION	Above Item fully inspected and found freedom from deforms, cracks, corrosion & mechanical damage		
	DYE PENETRANT INSPECTION (DPI)	forgn areas inspected and found freedom from cracks and other defects		
	FINAL RESULTS	Above Item found satisfactory and free of defects at the time of inspection		
	TECHNICAL DETAILS			
	TECHNIQUE 2 - TYPE II VISIBLE, METHOD 'A' WATER -WASHABLE			
	PENETRANT DWELL TIME:	30 minutes	DEVELOPER DWELL TIME:	15 minutes
Test Part Temperature:	67 °F	WHITE LIGHT INTENSITY:	3510 LUX	



EQUIPMENT DETAILS						PERSONNEL DETAILS		REVIEW BY	
EQUIPMENT :	COMPARATOR BLOCK	EQUIPMENT :	Digital Lux Meter	EQUIPMENT :	INFRARED THERMOMETER	INSPECTOR NAME:	M.Shahzad Ahmed	SENIOR INSPECTOR:	NAVEED HUSSAIN
S.N:	11223	S.N:	2722003	S.N:	201704125	QUALIFICATION:	ASNT LEVEL II MT & PT& VT & UT	SUPERVISOR:	HANI ALI
Cal Due Date:	14,FEB,2024	Cal Due Date:	16,FEB,2024	Cal Due Date:	16,FEB,2024	SIGNATURE:		CLIENT:	
Red Penetrant Manufacture:	Magnaflux	Batch No:	220511	EXPIRE DATE:	May,2025				
Developer Manufacture:	Magnaflux	Batch No:	220302	EXPIRE DATE:	March,2025				
WATER PRESSURE	30 PSI	P. GAUGE	SSR825	DUE CAL DATE:	18,AUG,2024				

Original - Client Files Copy - Area Office QC/FN/DPI/NDT/022 Rev.00 Dated: 07 Nov 2021

**AI TAKAMUL COMPANY FOR ENGINEERING TESTS
AND PROFESSIONAL SAFETY LIMITED**

Basra, North Rumaila, Quality Control Yard - Iraq



CERTIFICATE OF QUALIFICATION VISUAL AND WITNESSING PRESSURE TEST

THIS REPORT COMPLIES WITH RECOGNIZED INTERNATIONAL STANDARDS & TECHNICAL REQUIREMENTS

CLIENT:	HALLIBURTON	REPORT No.:	QC-24-02-SPERRY-017
LOCATION:	Sperry (Burjesia Halliburton Camp)	JOB NO :	QC-24-02-SPERRY-NDT-HALL-002
WORK ORDER #	326200708	SPECIFICATION:	GEO-SPAN R & M MANUAL, REVISION E DOC # D00112140
DATE OF INSPECTION :	Monday, February 5, 2024	INSP. DUE DATE:	Tuesday, February 4, 2025
TYPE OF INSPECTION:	VISUAL INSPECTION AND WITNESSING PRESSURE TEST		
DESCRIPTION:	GEO-SPAN	GEO-SPAN S.NO	11058208, 210196
LOWER PRESSURE:	500 psi	HOLDING TIME:	05 MINUTES
LOWER PRESSURE:	2000 Psi, 4000 Psi, 6000 Psi, 8000 Psi	HOLDING TIME:	02 MINUTES
MAXIMUM PRESSURE:	10000 Psi	HOLDING TIME:	15 MINUTES
CHART RECORDER S.N:	3741181	CAL DUE DATE:	15.APR.2024
PRESSURE TRANSDUCER S.N:	1107XB8Q	CAL DUE DATE:	15.APR.2024
PRESSURE GAUGE 1 S.N:	124955119	CAL DUE DATE:	15.APR.2024
PRESSURE GAUGE 2 S.N:	2016041.1.1	CAL DUE DATE:	15.APR.2024



ONLINE TRACEABILITY



INSPECTION RESULT

PRESSURE TEST:

The above item was Low Pressure 500 psi pressure hold 02 minutes and Tested up to 2000, 4000, 6000, 8000 psi pressure hold 02 minutes and Maximum Working Pressure 10000 psi pressure hold 15 minutes no Leak was Realized while testing & Pressure Was Stable accordance to chart Recorder Attached.

PERSON DETAILS

INSPECTOR NAME:	M.Shahzad Ahmed	SENIOR INSPECTOR:	NAVEED HUSSAIN	CLIENT:	
QUALIFICATION:	ASNT CP-105	INSPECTION SUPERVISOR:	HANI ALI	HB&SIGN	
SIGNATURE & STAMP:				DATE:	

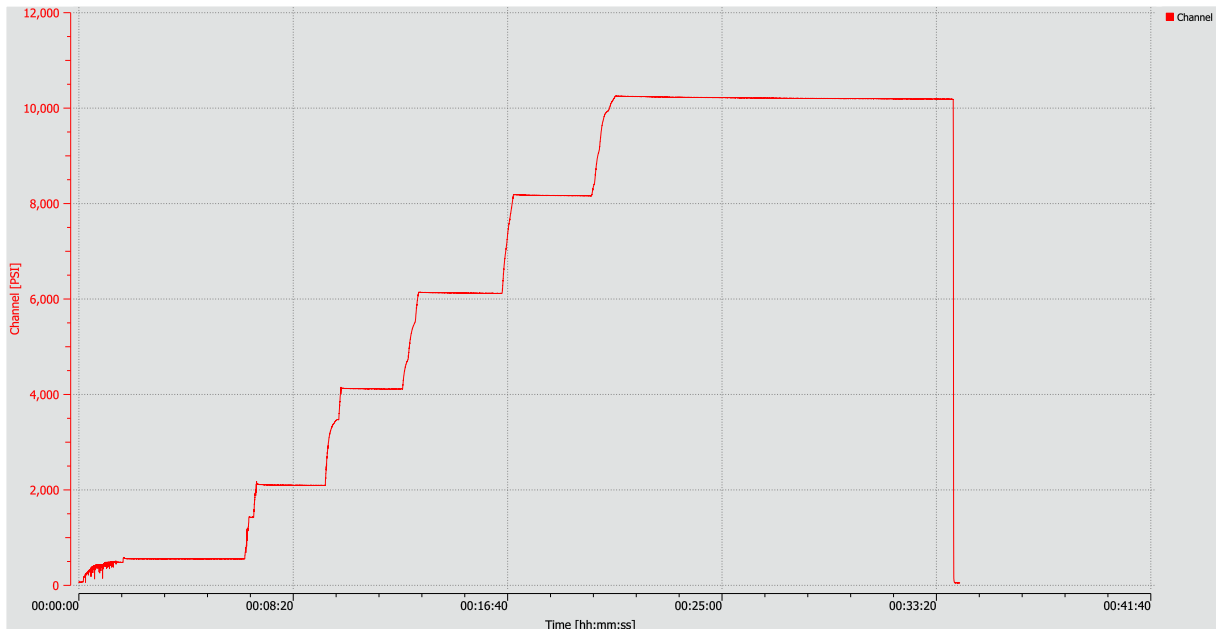
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Test Data

Description:	GeoSpan	PSL:	Sperry
Part no.:	290765	Plant:	1950
Serial no.:	210196 (11058208)	Location:	IEM Test Bay
Working pressure:	10KPSI	WO NO.:	326200708
Test pressure:	10KPSI	Test Duration:	00:34:14.143
Test Type:	Body Test		

Graph:



Test start:	05-02-2024 14:11:04	Equipment SN.:	27219
Test end:	05-02-2024 14:45:20	Transducer SN:	1107XB8Q
Tested by:	Hussam Awad	Callibration Due Date:	15-Apr-2024
Witnessed by:	N/A	Range:	25.500 PSI

Signature:

