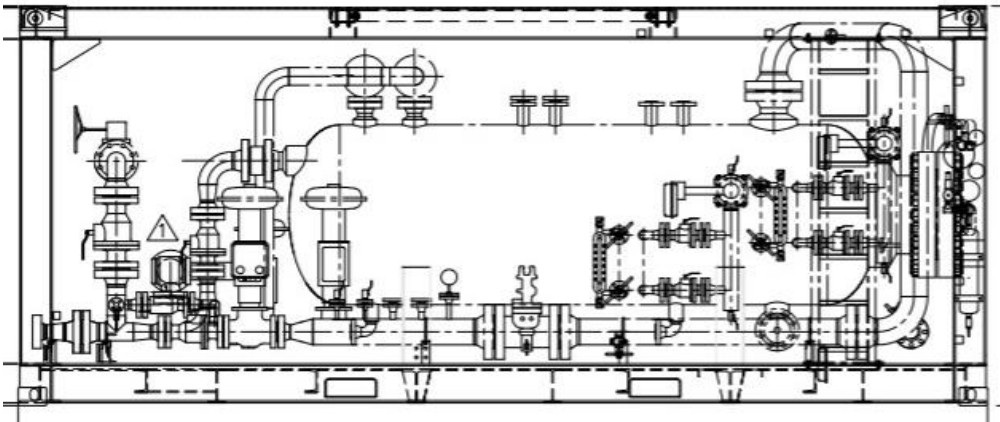




CERTIFICATE OF QUALIFICATION VISUAL AND WITNESS PRESSURE TEST
THIS REPORT COMPLIES WITH RECOGNIZED INTERNATIONAL STANDARDS & TECHNICAL REQUIREMENTS

CLIENT:	HALLIBURTON	REPORT No.:	QC-24-05-TSS-HALL-NDT-001
LOCATION:	TSS WORKSHOP & INSPECTION TEST AREA	JOB NO :	QC-24-05-TSS-NDT-HALL-007
WORK ORDER #	326589883	SPECIFICATION:	ASME SECTION VIII DIV 1 Latest Edition , ASME B31.3 H2S STANDARD NACE MR-01-75
DATE OF INSPECTION :	Tuesday, May 14, 2024	INSP. DUE DATE:	Tuesday, May 13, 2025
TYPE OF INSPECTION:	VISUAL INSPECTION AND WITNESS PRESSURE TEST		
DESCRIPTION:	SEPARATOR VESSEL 1440PSI	SAP EQ.NO	11484041
BODY PRESSURE TEST	1440 psi	HOLDING TIME:	23 MINUTES
VALVE PRESSURE TEST	1440 Psi	HOLDING TIME:	23 MINUTES
BODY PRESSURE TEST WITH PRV :	1296 psi	HOLDING TIME:	23 MINUTES
Pump S.N.::	13119220	CAL DUE DATE:	AUG.2024
Pressure Gauge NO.:	468066	CAL DUE DATE:	AUG.2024



ONLINE TRACEABILITY

INSPECTION RESULT

PRESSURE TEST 1:	The Above Separaror Body Was Tested Up to 100 PSI A low Pressure Hold for 5 min And 1440 PSI Maximum Working pressure, Hold For 17 min no Leak was Found while testing & Pressure Was Stable According To Chart Recorder
PRESSURE TEST 2:	The Above All Valve Was Tested Up to 100 PSI A low Pressure Hold for 5 min And 1440 PSI Maximum Working pressure, Hold For 17 min no Leak was Found while testing & Pressure Was Stable According To Chart Recorder
PRESSURE TEST 3:	The Above Separaror Body With PRV Was Tested Up to 100 PSI A low Pressure Hold for 5 min And 1296 PSI Maximum Working pressure, Hold For 17 min no Leak was Found while testing & Pressure Was Stable According To Chart Recorder

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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AI TAKAMUL COMPANY FOR ENGINEERING TESTS AND PROFESSIONAL SAFETY LIMITED

Basra, North Rumaila, Quality Control Yard - Iraq



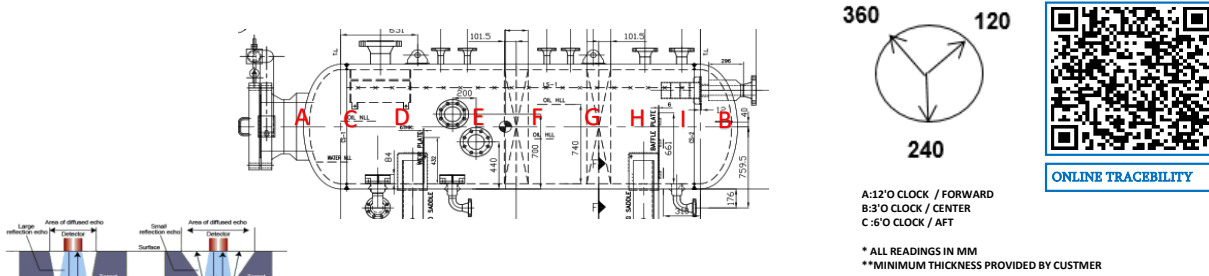
CERTIFICATE OF QUALIFICATION VISUAL AND MAGNETIC PARTICLE INSPECTION AND ULTRASONIC THICKNESS GAUGING INSPECTION

THIS REPORT COMPLIES WITH RECOGNIZED INTERNATIONAL STANDARDS & TECHNICAL REQUIREMENTS

CLIENT:	HALLIBURTON	REPORT No.:	QC-24-05-TSS-HALL-NDT-002
LOCATION:	TSS WORKSHOP & INSPECTION TEST AREA	JOB NO :	QC-24-05-TSS-NDT-HALL-007
WORK ORDER #	326589883	SPECIFICATION:	ASME SECTION VIII DIV 1 Latest Edition H2S STANDARD NACE MR-01-75 Manufacturing Date Book
INSPECTION DATE:	Tuesday, May 14, 2024	INSP. DUE DATE:	Tuesday, May 13, 2025
TYPE OF INSPECTION:	VISUAL AND MAGNETIC PARTICLE INSPECTION AND ULTRASONIC THICKNESS GAUGING		

DESCRIPTION:	SEPARATOR VESSEL 1440PSI	SAP EQ.NO:	11484041
MANUFACTURER:	SPECIALIST SERVICES	MANUFACTURER SERIAL NO:	FFZ-257
LETT SIDE & RIGHT SIDE MINIMUM THICKNESS	44 MM	LETT SIDE & RIGHT SIDE CORROSION ALLOWANCE	3 MM
SHELL NOMINAL THICKNESS	50 MM	SHELL CORROSION ALLOWANCE	3 MM

INSPECTION DETAILS



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

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

ANGLE	THICKNESS AT POSITION			MINIMUM THICKNESS	CORROSION ALLOWANCE	FINAL REMARKS		
	120°	240°	360°					
LEFT SIDE A1	50.87	51.13	51.21	44 MM	3 MM	SATISFACTORY		
LEFT SIDE A2	51.42	50.12	51.84					
LEFT SIDE A3	51.65	51.79	51.14					
RIGHT SIDE B1	50.87	51.63	50.43					
RIGHT SIDE B2	51.43	51.44	50.11					
RIGHT SIDE B3	51.79	51.78	51.74					
ANGLE	THICKNESS AT POSITION			NOMINAL THICKNESS			3 MM	SATISFACTORY
	120°	240°	360°					
SHELL C	50.19	49.14	49.09	50 MM				
SHELL D	49.17	49.18	49.25					
SHELL E	49.95	50.77	49.66					
SHELL F	50.19	50.20	50.28					
SHELL G	49.18	49.19	49.18					
SHELL H	49.31	49.30	49.21					
SHELL I	50.09	50.08	49.99					

INSPECTION RESULT

VT & MPI	Accepted	According to ASME SECTION VIII DIV 1 Latest Edition
UT	Accepted	According to ASME SECTION VIII DIV 1 Latest Edition & Manufacturing Date Book
BODY	Accepted	*** These Are The Actual Readings Need To Follow As Per Manufacturing Date Book

Inspection Evaluation

(MPI) The Above Item Has No Significant Discontinuous At The Time Of Inspection And Found Acceptable Accordance To ASME SECTION VIII DIV 1 Latest Edition

U.T-The Above Item Was Found Acceptable As Per ASME SECTION VIII DIV 1 Latest Edition & Manufacturing Date Book

INSPECTION EQUIPMENT DETAILS				TECHNICAL DETAILS			
AC YOKE S.N:	201504052	CAL DUE DATE	12-Aug-24	White Contrast WCP 2	MANUFACTURE	BATCH NO	EXPIRE DATE
Digital Lux Meter	2722003	CAL DUE DATE	14-Aug-24	Magnaflux		220602	JUN.2025
UT THICKNESS GAUGE:	3997	CAL DUE DATE	14-Aug-24	Black Magnetic Ink 7HF	MANUFACTURE	BATCH NO	EXPIRE DATE
UT TEST BLOCK:	NoBo5087	CAL DUE DATE	14-Aug-24	Magnaflux		220605	JULY.2025
ASTM Test Block:	1657	CAL DUE DATE	12-Aug-24	Fluorescent Magnetic Ink 7HF			1.2 to 2.4 ml/100 ml
WHITE LIGHT INTENSITY:	3680 lux						

PERSON DETAILS

REVIEW BY

INSPECTOR NAME:	M. Shabir Ali	SENIOR INSPECTOR:	NAVIED HUSSAIN	CLIENT:	
QUALIFICATION:	ASNT Level 3	INSPECTION SUPERVISOR:	HANI ALI	HBASIGN	
SIGNATURE & STAMP:				DATE:	

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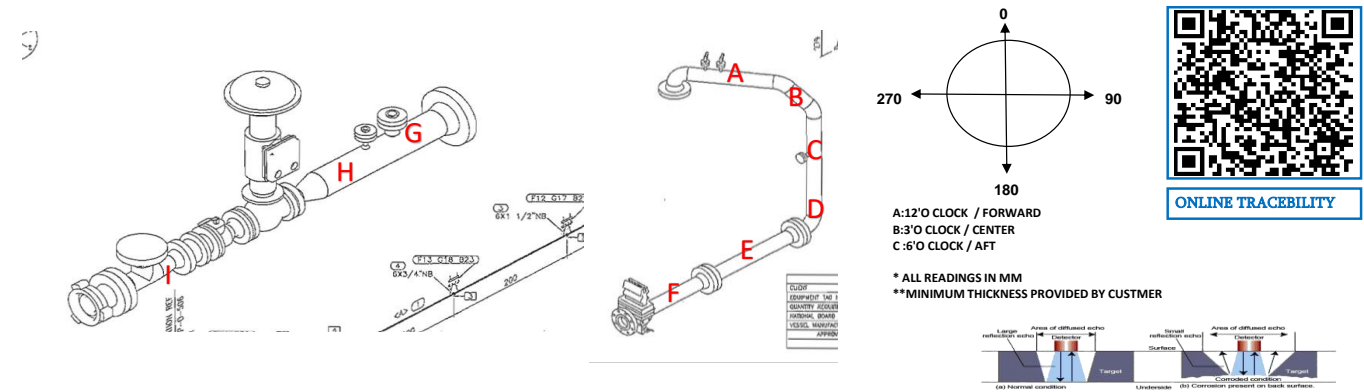


CERTIFICATE OF QUALIFICATION VISUAL AND MAGNETIC PARTICLE INSPECTION AND ULTRASONIC THICKNESS GAUGING INSPECTION

THIS REPORT COMPLIES WITH RECOGNIZED INTERNATIONAL STANDARDS & TECHNICAL REQUIREMENTS

CLIENT:	HALLIBURTON	REPORT No.:	QC-24-05-TSS-HALL-NDT-003
LOCATION:	TSS WORKSHOP & INSPECTION TEST AREA	JOB NO :	QC-24-05-TSS-NDT-HALL-007
WORK ORDER #	326589883	SPECIFICATION:	ASME SECTION VIII DIV 1 Latest Edition H2S STANDARD NACE MR-01-75 Manufacturing Date Book
INSPECTION DATE:	Tuesday, May 14, 2024	INSP. DUE DATE:	Tuesday, May 13, 2025
TYPE OF INSPECTION:	VISUAL AND MAGNETIC PARTICLE INSPECTION AND ULTRASONIC THICKNESS GAUGING		
DESCRIPTION:	SEPARATOR GAS OUT LINE	SAP EQ.NO:	11484041
MANUFACTURER:	SPECIALIST SERVICES	MANUFACTURER SERIAL NO:	FFZ-257

INSPECTION DETAILS



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

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

ANGLE	THICKNESS AT POSITION				CORROSION ALLOWANCE	FINAL REMARKS
	0°	90°	180°	270°		
A	11.52	11.65	11.39	11.56	3 MM	SATISFACTORY
B	11.09	11.39	11.21	11.26		
C	11.37	11.45	11.72	11.60		
D	11.56	11.65	11.68	11.61		
E	11.44	11.52	11.44	11.51		
F	11.46	11.52	11.48	11.60		
G	11.63	11.67	11.79	11.70		
H	11.69	11.81	11.88	11.81		
I	10.28	10.30	10.34	10.27		

INSPECTION RESULT

VT & MPI	Accepted	According to ASME SECTION VIII DIV 1 Latest Edition
UT	Accepted	According to ASME SECTION VIII DIV 1 Latest Edition & Manufacturing Date Book
BODY	Accepted	*** These Are The Actual Readings Need To Follow As Per Manufacturing Date Book

Inspection Evaluation

(MPI) The Above Item Has No Significant Discontinuous At The Time Of Inspection And Found Acceptable Accordance To ASME SECTION VIII DIV 1 Latest Edition

U.T-The Above Item Was Found Acceptable As Per ASME SECTION VIII DIV 1 Latest Edition & Manufacturing Date Book

INSPECTION EQUIPMENT DETAILS

TECHNICAL DETAILS

AC YOKE S.N:	201504052	CAL DUE DATE	12-Aug-24	White Contrast WCP-2	MANUFACTURE	BATCH NO	EXPIRE DATE
Digital Lux Meter WHITE LIGHT	2722003	CAL DUE DATE	14-Aug-24		Magnaflux	220602	JUN.2025
UT THICKNESS GAUGE:	3997	CAL DUE DATE	14-Aug-24	Black Magnetic Ink 7HF	MANUFACTURE	BATCH NO	EXPIRE DATE
UT TEST BLOCK:	NoBo5087	CAL DUE DATE	14-Aug-24		Magnaflux	220605	JULY.2025
ASTM Test Block:	1657	CAL DUE DATE	12-Aug-24	Fluorescent Magnetic Ink 7HF		1.2 to 2.4 ml/100 ml	
WHITE LIGHT INTENSITY:	3680 lux						

PERSON DETAILS

REVIEW BY

INSPECTOR NAME:	M.Shahzad Ahmed	SENIOR INSPECTOR:	NAVEED HUSSAIN	CLIENT:	
QUALIFICATION:	S.N.I.T. 60101	INSPECTION SUPERVISOR:	HANI ALI	HR&SIGN	
SIGNATURE & STAMP:				DATE:	

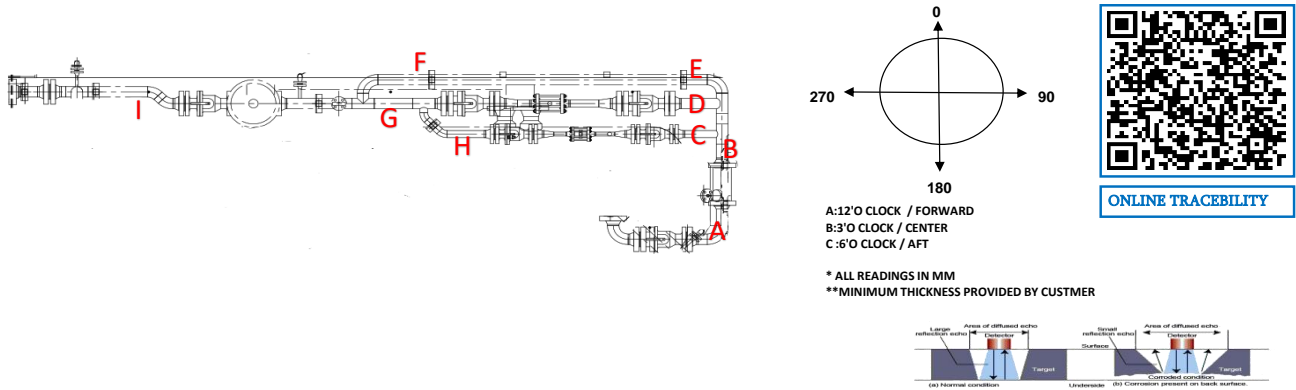
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CERTIFICATE OF QUALIFICATION VISUAL AND MAGNETIC PARTICLE INSPECTION AND ULTRASONIC THICKNESS GAUGING INSPECTION

THIS REPORT COMPLIES WITH RECOGNIZED INTERNATIONAL STANDARDS & TECHNICAL REQUIREMENTS

CLIENT:	HALLIBURTON	REPORT No.:	QC-24-05-TSS-HALL-NDT-004
LOCATION:	TSS WORKSHOP & INSPECTION TEST AREA	JOB NO :	QC-24-05-TSS-NDT-HALL-007
WORK ORDER #	326589883	SPECIFICATION:	ASME SECTION VIII DIV 1 Latest Edition H2S STANDARD NACE MR-01-75 Manufacturing Date Book
INSPECTION DATE:	Tuesday, May 14, 2024	INSP. DUE DATE:	Tuesday, May 13, 2025
TYPE OF INSPECTION:	VISUAL AND MAGNETIC PARTICLE INSPECTION AND ULTRASONIC THICKNESS GAUGING		
DESCRIPTION:	SEPARATOR OIL OUT LINE	SAP EQ.NO:	11484041
MANUFACTURER:	SPECIALIST SERVICES	MANUFACTURER SERIAL NO:	FFZ-257

INSPECTION DETAILS



ANGLE	THICKNESS AT POSITION				CORROSION ALLOWANCE	FINAL REMARKS
	0°	90°	180°	270°		
A	9.12	9.21	9.04	9.07	3 MM	SATISFACTORY
B	8.91	9.21	9.03	9.08		
C	9.19	9.27	9.28	9.16		
D	9.16	9.25	9.28	9.21		
E	9.04	9.12	9.26	9.33		
F	9.28	9.34	9.30	9.42		
G	9.23	9.27	9.39	9.30		
H	9.29	9.41	9.48	9.41		
I	8.79	8.81	8.85	8.78		

INSPECTION RESULT

VT & MPI	Accepted	According to ASME SECTION VIII DIV 1 Latest Edition
UT	Accepted	According to ASME SECTION VIII DIV 1 Latest Edition & Manufacturing Date Book
BODY	Accepted	*** These Are The Actual Readings Need To Follow As Per Manufacturing Date Book

Inspection Evaluation

(MPI) The Above Item Has No Significant Discontinuous At The Time Of Inspection And Found Acceptable Accordance To ASME SECTION VIII DIV 1 Latest Edition

U.T-The Above Item Was Found Acceptable As Per ASME SECTION VIII DIV 1 Latest Edition & Manufacturing Date Book

INSPECTION EQUIPMENT DETAILS

TECHNICAL DETAILS

AC YOKE S.N:	201504052	CAL DUE DATE	12-Aug-24	White Contrast WCP-2	MANUFACTURE	BATCH NO	EXPIRE DATE
Digital Lux Meter WHITE LIGHT	2722003	CAL DUE DATE	14-Aug-24		Magnaflux	220602	JUN.2025
UT THICKNESS GAUGE:	3997	CAL DUE DATE	14-Aug-24	Black Magnetic Ink 7HF	MANUFACTURE	BATCH NO	EXPIRE DATE
UT TEST BLOCK:	NoBo5087	CAL DUE DATE	14-Aug-24		Magnaflux	220605	JULY.2025
ASTM Test Block:	1657	CAL DUE DATE	12-Aug-24	Fluorescent Magnetic Ink 7HF		1.2 to 2.4 ml/100 ml	
WHITE LIGHT INTENSITY:	3680 lux						

PERSON DETAILS

REVIEW BY

INSPECTOR NAME:	M.Shahzad Ahmed	SENIOR INSPECTOR:	NAVEED HUSSAIN	CLIENT:	
QUALIFICATION:	S.N.I.T. & B.O.P.T.	INSPECTION SUPERVISOR:	HANI ALI	HR SIGN	
SIGNATURE & STAMP:				DATE:	

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THIS REPORT COMPLIES WITH RECOGNIZED INTERNATIONAL STANDARDS & TECHNICAL REQUIEREMENTS

INSPECTION DETAILS



INSPECTION RESULT

Inspection Evaluation

(MPI) The Above Item Has No Significant Discontinuous At The Time Of Inspection And Found Acceptable Accordance To ASME SECTION VIII DIV 1 Latest Edition

U.T-The Above Item Was Found Acceptable As Per ASME SECTION VIII DIV 1 Latest Edition & Manufacturing Date Book

PERSON DETAILS

REVIEW BY

AI TAKAMUL COMPANY FOR ENGINEERING TESTS AND PROFESSIONAL SAFETY LIMITED

Basra, North Rumaila, Quality Control Yard - Iraq

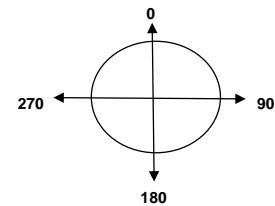
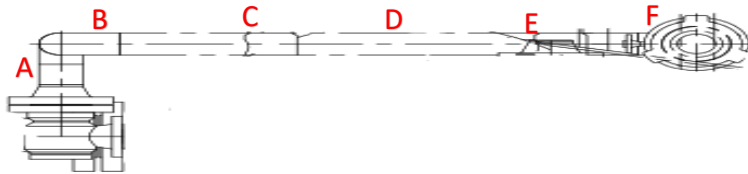


CERTIFICATE OF QUALIFICATION VISUAL AND MAGNETIC PARTICLE INSPECTION AND ULTRASONIC THICKNESS GAUGING INSPECTION

THIS REPORT COMPLIES WITH RECOGNIZED INTERNATIONAL STANDARDS & TECHNICAL REQUIREMENTS

CLIENT:	HALLIBURTON	REPORT No.:	QC-24-05-TSS-HALL-NDT-006
LOCATION:	TSS WORKSHOP & INSPECTION TEST AREA	JOB NO :	QC-24-05-TSS-NDT-HALL-007
WORK ORDER #	326589883	SPECIFICATION:	ASME SECTION VIII DIV 1 Latest Edition H2S STANDARD NACE MR-01-75 Manufacturing Date Book
INSPECTION DATE:	Tuesday, May 14, 2024	INSP. DUE DATE:	Tuesday, May 13, 2025
TYPE OF INSPECTION:	VISUAL AND MAGNETIC PARTICLE INSPECTION AND ULTRASONIC THICKNESS GAUGING		
DESCRIPTION:	SEPARATOR RELIEF LINE	SAP EQ.NO:	11484041
MANUFACTURER:	SPECIALIST SERVICES	MANUFACTURER SERIAL NO:	FFZ-257

INSPECTION DETAILS



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

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



ONLINE TRACEABILITY



ANGLE	THICKNESS AT POSITION				CORROSION ALLOWANCE	FINAL REMARKS
	0°	90°	180°	270°		
A	9.67	9.76	9.64	9.66	3 MM	SATISFACTORY
B	9.35	9.65	9.47	9.52		
C	9.52	9.60	9.83	9.71		
D	9.53	9.62	9.65	9.58		
E	9.48	9.56	9.70	9.77		
F	9.61	9.67	9.63	9.75		

INSPECTION RESULT

VT & MPI	Accepted	* ACCORDING TO ASME SECTION VIII DIV 1 Latest Edition
UT	Accepted	According to ASME SECTION VIII DIV 1 Latest Edition & Manufacturing Date Book
BODY	Accepted	*** These Are The Actual Readings Need To Follow As Per Manufacturing Date Book

Inspection Evaluation

(MPI) The Above Item Has No Significant Discontinuous At The Time Of Inspection And Found Acceptable Accordance To ASME SECTION VIII DIV 1 Latest Edition

U.T-The Above Item Was Found Acceptable As Per ASME SECTION VIII DIV 1 Latest Edition & Manufacturing Date Book

INSPECTION EQUIPMENT DETAILS

INSPECTION EQUIPMENT DETAILS				TECHNICAL DETAILS			
AC YOKE S.N:	201504052	CAL DUE DATE	12-Aug-24	White Contrast WCP-2	MANUFACTURE	BATCH NO	EXPIRE DATE
Digital Lux Meter WHITE LIGHT	2722003	CAL DUE DATE	14-Aug-24		Magnaflux	220602	JUN,2025
UT THICKNESS GAUGE:	3997	CAL DUE DATE	14-Aug-24	Black Magnetic Ink 7HF	MANUFACTURE	BATCH NO	EXPIRE DATE
UT TEST BLOCK:	NoBo5087	CAL DUE DATE	14-Aug-24		Magnaflux	220605	JULY,2025
ASTM Test Block:	1657	CAL DUE DATE	12-Aug-24	Fluorescent Magnetic Ink 7HF		1.2 to 2.4 ml/100 ml	
WHITE LIGHT INTENSITY:	3680 lux						

PERSON DETAILS

REVIEW BY

INSPECTOR NAME:	M.Shahzad Ahmed	SENIOR INSPECTOR:	NAVEED HUSSAIN	CLIENT:	
QUALIFICATION:	S.N.I. 01010101	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

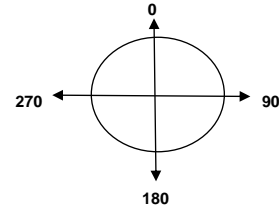
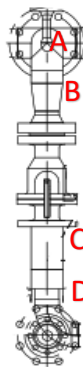


CERTIFICATE OF QUALIFICATION VISUAL AND MAGNETIC PARTICLE INSPECTION AND ULTRASONIC THICKNESS GAUGING INSPECTION

THIS REPORT COMPLIES WITH RECOGNIZED INTERNATIONAL STANDARDS & TECHNICAL REQUIREMENTS

CLIENT:	HALLIBURTON	REPORT No.:	QC-24-05-TSS-HALL-NDT-007
LOCATION:	TSS WORKSHOP & INSPECTION TEST AREA	JOB NO :	QC-24-05-TSS-NDT-HALL-007
WORK ORDER #	326589883	SPECIFICATION:	ASME SECTION VIII DIV 1 Latest Edition H2S STANDARD NACE MR-01-75 Manufacturing Date Book
INSPECTION DATE:	Tuesday, May 14, 2024	INSP. DUE DATE:	Tuesday, May 13, 2025
TYPE OF INSPECTION:	VISUAL AND MAGNETIC PARTICLE INSPECTION AND ULTRASONIC THICKNESS GAUGING		
DESCRIPTION:	SEPARATOR INLET LINE	SAP EQ.NO:	11484041
MANUFACTURER:	SPECIALIST SERVICES	MANUFACTURER SERIAL NO:	FFZ-257

INSPECTION DETAILS

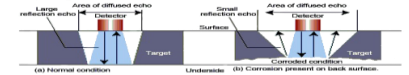


A:12'O CLOCK / FORWARD
B:3'O CLOCK / CENTER
C :6'O CLOCK / AFT

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



ONLINE TRACEABILITY



ANGLE	THICKNESS AT POSITION				CORROSION ALLOWANCE	FINAL REMARKS
	0°	90°	180°	270°		
A	9.12	9.19	9.07	9.09	3 MM	SATISFACTORY
B	8.90	9.22	9.04	9.55		
C	9.31	9.43	9.26	9.14		
D	8.91	9.00	9.03	8.96		

INSPECTION RESULT

VT & MPI	Accepted	ACCORDING TO ASME SECTION VIII DIV 1 Latest Edition
UT	Accepted	According to ASME SECTION VIII DIV 1 Latest Edition & Manufacturing Date Book
BODY	Accepted	*** These Are The Actual Readings Need To Follow As Per Manufacturing Date Book

Inspection Evaluation

(MPI) The Above Item Has No Significant Discontinuous At The Time Of Inspection And Found Acceptable Accordance To ASME SECTION VIII DIV 1 Latest Edition

U.T-The Above Item Was Found Acceptable As Per ASME SECTION VIII DIV 1 Latest Edition & Manufacturing Date Book

INSPECTION EQUIPMENT DETAILS				TECHNICAL DETAILS			
AC YOKE S.N:	201504052	CAL DUE DATE	12-Aug-24	White Contrast WCP-2	MANUFACTURE	BATCH NO	EXPIRE DATE
Digital Lux Meter WHITE LIGHT	2722003	CAL DUE DATE	14-Aug-24		Magnaflux	220602	JUN.2025
UT THICKNESS GAUGE:	3997	CAL DUE DATE	14-Aug-24	Black Magnetic Ink 7HF	MANUFACTURE	BATCH NO	EXPIRE DATE
UT TEST BLOCK:	NoBo5087	CAL DUE DATE	14-Aug-24		Magnaflux	220605	JULY.2025
ASTM Test Block:	1657	CAL DUE DATE	12-Aug-24	Fluorescent Magnetic Ink 7HF		1.2 to 2.4 ml/100 ml	
WHITE LIGHT INTENSITY:	3680 lux						

PERSON DETAILS



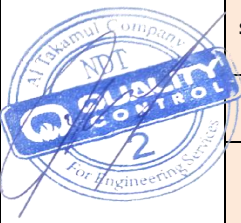
REVIEW BY

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

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CERTIFICATION OF VISUAL, THOROUGH EXAMINATION & MAGNETIC PARTICLE INSPECTION

Client:	HALLIBURTON (TSS)	Report No:	QC-24-05-TSS-NDT-008						
Location:	TSS WORKSHOP & INSPECTION TEST AREA	WORK ORDER	326589883						
Date:	Tuesday, May 14, 2024	Next Inspection Date:	Tuesday, May 13, 2025						
Type Of Inspection:	VISUAL , THOROUGH EXAMINATION & MAGNETIC PARTICLE INSPECTION	Specification:	ASTM E709 & ASTM E 1444 (2016) ASME V Article 7 (2019)						
		UNIT DESCRIPTION:	3" BALON VALVE 600						
		UNIT S/N:	8 FMQ						
		SEPARATOR SAP NO:	11484041						
		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	Available critical 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	INSPECTOR NAME:	M.Shahzad Ahmed	SENIOR INSPECTOR:	NAVEED HUSSAIN
S.No:	1657	S.No:	2722003	S.No:	201504052			SUPERVISOR:	HANI ALI
Cal Due Date:	12-Aug-24	Cal Due Date:	14-Aug-24	Cal Due Date:	12-Aug-24			CLIENT:	
Black Magnetic Ink Manufacture:	Magnaflux	Batch No:	220605	Expiry Date:	JULY.2025				
White Contrast Paint Manufacture:	Magnaflux	Batch No:	220602	Expiry Date:	JUN.2025	STAMP & SIGNATURE:			
Technical Details:	Magnetic Partical Concentration	Method		WMPT Light Intensity					
	1.2 to 2.4 ml/100 ml	Wet Magnetic Particle Testing (WMPT)		3620 Lux					
Original - Client Files Copy - Area Office QC/FN/MPI/065 Rev.00 DATED 07 Nov 2021									



Corporate Partner



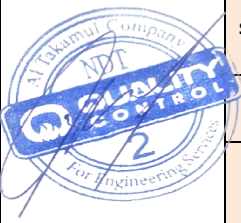


Address: North Rumaila, Al Takamul Yard
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Email: OP@qualitycontrol-iraq.com / hany.akafi@qualitycontrol-iraq.com

CERTIFICATION OF VISUAL, THOROUGH EXAMINATION & MAGNETIC PARTICLE INSPECTION

Client:	HALLIBURTON (TSS)	Report No:	QC-24-05-TSS-NDT-009						
Location:	TSS WORKSHOP & INSPECTION TEST AREA	WORK ORDER	326589883						
Date:	Tuesday, May 14, 2024	Next Inspection Date:	Tuesday, May 13, 2025						
Type Of Inspection:	VISUAL , THOROUGH EXAMINATION & MAGNETIC PARTICLE INSPECTION	Specification:	ASTM E709 & ASTM E 1444 (2016) ASME V Article 7 (2019)						
		UNIT DESCRIPTION:	3" BALON VALVE 600						
		UNIT S/N:	1 FMR						
		SEPARATOR SAP NO:	11484041						
		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	Available critical 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	INSPECTOR NAME:	M.Shahzad Ahmed	SENIOR INSPECTOR:	NAVEED HUSSAIN
S.No:	1657	S.No:	2722003	S.No:	201504052			SUPERVISOR:	HANI ALI
Cal Due Date:	12-Aug-24	Cal Due Date:	14-Aug-24	Cal Due Date:	12-Aug-24			CLIENT:	
Black Magnetic Ink Manufacture:	Magnaflux	Batch No:	220605	Expiry Date:	JULY.2025				
Whie Contrast Paint Manufacture:	Magnaflux	Batch No:	220602	Expiry Date:	JUN.2025	STAMP & SIGNATURE:			
Technical Details:		Magnetic Partical Concentration		Method		WMPT Light Intensity			
		1.2 to 2.4 ml/100 ml		Wet Magnetic Particle Testing (WMPT)		3620 Lux			
Original - Client Files		Copy - Area Office		QC/FN/MPI/065 Rev.00		DATED 07 Nov 2021			



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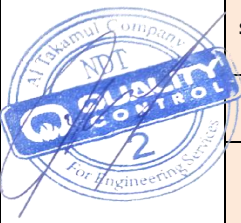


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CERTIFICATION OF VISUAL, THOROUGH EXAMINATION & MAGNETIC PARTICLE INSPECTION

Client:	HALLIBURTON (TSS)	Report No:	QC-24-05-TSS-NDT-010						
Location:	TSS WORKSHOP & INSPECTION TEST AREA	WORK ORDER	326589883						
Date:	Tuesday, May 14, 2024	Next Inspection Date:	Tuesday, May 13, 2025						
Type Of Inspection:	VISUAL , THOROUGH EXAMINATION & MAGNETIC PARTICLE INSPECTION	Specification:	ASTM E709 & ASTM E 1444 (2016) ASME V Article 7 (2019)						
		UNIT DESCRIPTION:	3" BALON VALVE 600						
		UNIT S/N:	0 FMN						
		SEPARATOR SAP NO:	11484041						
		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	Available critical 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	INSPECTOR NAME:	M.Shahzad Ahmed	SENIOR INSPECTOR:	NAVEED HUSSAIN
S.No:	1657	S.No:	2722003	S.No:	201504052			SUPERVISOR:	HANI ALI
Cal Due Date:	12-Aug-24	Cal Due Date:	14-Aug-24	Cal Due Date:	12-Aug-24			CLIENT:	
Black Magnetic Ink Manufacture:	Magnaflux	Batch No:	220605	Expiry Date:	JULY.2025				
Whie Contrast Paint Manufacture:	Magnaflux	Batch No:	220602	Expiry Date:	JUN,2025	STAMP & SIGNATURE:			
Technical Details:	Magnetic Partical Concentration	Method		WMPT Light Intensity					
	1.2 to 2.4 ml/100 ml	Wet Magnetic Particle Testing (WMPT)		3620 Lux					
Original - Client Files		Copy - Area Office		QC/FN/MPI/065 Rev.00		DATED 07 Nov 2021			



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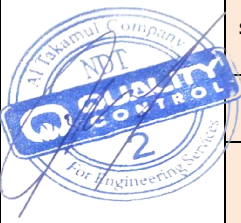
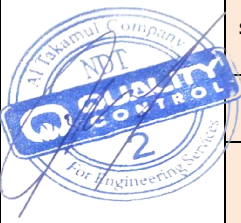
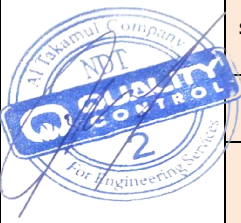


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CERTIFICATION OF VISUAL, THOROUGH EXAMINATION & MAGNETIC PARTICLE INSPECTION

Client:	HALLIBURTON (TSS)	Report No:	QC-24-05-TSS-NDT-011																																																																																													
Location:	TSS WORKSHOP & INSPECTION TEST AREA	WORK ORDER	326589883																																																																																													
Date:	Tuesday, May 14, 2024	Next Inspection Date:	Tuesday, May 13, 2025																																																																																													
Type Of Inspection:	VISUAL , THOROUGH EXAMINATION & MAGNETIC PARTICLE INSPECTION	Specification:	ASTM E709 & ASTM E 1444 (2016) ASME V Article 7 (2019)																																																																																													
		UNIT DESCRIPTION:	3" BALON VALVE 600																																																																																													
		UNIT S/N:	1 FMQ																																																																																													
		SEPARATOR SAP NO:	11484041																																																																																													
		INSPECTION RESULT :																																																																																														
		VISUAL , THOROUGH EXAMINATION	VISUAL & MAGNETIC PARTICLE INSPECTION (M.P.I.) HAD BEEN DONE ON THE AVAILABLE AREAS FOR THE ABOVE DESCRIPTION																																																																																													
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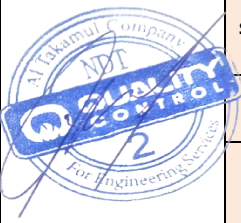


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CERTIFICATION OF VISUAL, THOROUGH EXAMINATION & MAGNETIC PARTICLE INSPECTION

Client:	HALLIBURTON (TSS)	Report No:	QC-24-05-TSS-NDT-012						
Location:	TSS WORKSHOP & INSPECTION TEST AREA	WORK ORDER	326589883						
Date:	Tuesday, May 14, 2024	Next Inspection Date:	Tuesday, May 13, 2025						
Type Of Inspection:	VISUAL , THOROUGH EXAMINATION & MAGNETIC PARTICLE INSPECTION	Specification:	ASTM E709 & ASTM E 1444 (2016) ASME V Article 7 (2019)						
		UNIT DESCRIPTION:	3" BALON VALVE 600						
		UNIT S/N:	0 FMJ						
		SEPARATOR SAP NO:	11484041						
		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	Available critical 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	INSPECTOR NAME:	M.Shahzad Ahmed	SENIOR INSPECTOR:	NAVEED HUSSAIN
S.No:	1657	S.No:	2722003	S.No:	201504052			SUPERVISOR:	HANI ALI
Cal Due Date:	12-Aug-24	Cal Due Date:	14-Aug-24	Cal Due Date:	12-Aug-24			CLIENT:	
Black Magnetic Ink Manufacture:	Magnaflux	Batch No:	220605	Expiry Date:	JULY.2025				
Whie Contrast Paint Manufacture:	Magnaflux	Batch No:	220602	Expiry Date:	JUN,2025	STAMP & SIGNATURE:			
Technical Details:	Magnetic Partical Concentration		Method		WMPT Light Intensity				
	1.2 to 2.4 ml/100 ml		Wet Magnetic Particle Testing (WMPT)		3620 Lux				
Original - Client Files		Copy - Area Office		QC/FN/MPI/065 Rev.00 DATED 07 Nov 2021					



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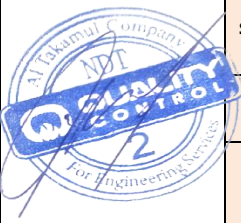
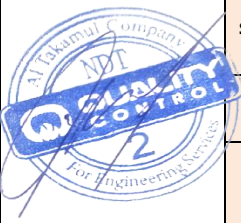
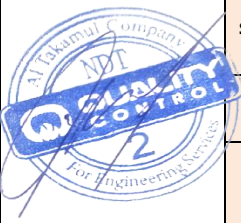


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CERTIFICATION OF VISUAL, THOROUGH EXAMINATION & MAGNETIC PARTICLE INSPECTION

Client:	HALLIBURTON (TSS)	Report No:	QC-24-05-TSS-NDT-013																																																																																						
Location:	TSS WORKSHOP & INSPECTION TEST AREA	WORK ORDER	326589883																																																																																						
Date:	Tuesday, May 14, 2024	Next Inspection Date:	Tuesday, May 13, 2025																																																																																						
Type Of Inspection:	VISUAL , THOROUGH EXAMINATION & MAGNETIC PARTICLE INSPECTION	Specification:	ASTM E709 & ASTM E 1444 (2016) ASME V Article 7 (2019)																																																																																						
		UNIT DESCRIPTION:	3" BALON VALVE 600																																																																																						
		UNIT S/N:	9 FMQ																																																																																						
		SEPARATOR SAP NO:	11484041																																																																																						
		INSPECTION RESULT :																																																																																							
		VISUAL , THOROUGH EXAMINATION	VISUAL & MAGNETIC PARTICLE INSPECTION (M.P.I.) HAD BEEN DONE ON THE AVAILABLE AREAS FOR THE ABOVE DESCRIPTION																																																																																						
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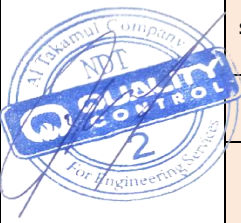


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CERTIFICATION OF VISUAL, THOROUGH EXAMINATION & MAGNETIC PARTICLE INSPECTION

Client:	HALLIBURTON (TSS)	Report No:	QC-24-05-TSS-NDT-014						
Location:	TSS WORKSHOP & INSPECTION TEST AREA	WORK ORDER	326589883						
Date:	Tuesday, May 14, 2024	Next Inspection Date:	Tuesday, May 13, 2025						
Type Of Inspection:	VISUAL , THOROUGH EXAMINATION & MAGNETIC PARTICLE INSPECTION	Specification:	ASTM E709 & ASTM E 1444 (2016) ASME V Article 7 (2019)						
		UNIT DESCRIPTION:	3" BALON VALVE 600						
		UNIT S/N:	3 FMQ						
		SEPARATOR SAP NO:	11484041						
		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	Available critical 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	INSPECTOR NAME:	M.Shahzad Ahmed	SENIOR INSPECTOR:	NAVEED HUSSAIN
S.No:	1657	S.No:	2722003	S.No:	201504052			SUPERVISOR:	HANI ALI
Cal Due Date:	12-Aug-24	Cal Due Date:	14-Aug-24	Cal Due Date:	12-Aug-24			CLIENT:	
Black Magnetic Ink Manufacture:	Magnaflux	Batch No:	220605	Expiry Date:	JULY.2025				
White Contrast Paint Manufacture:	Magnaflux	Batch No:	220602	Expiry Date:	JUN.2025	STAMP & SIGNATURE:			
Technical Details:		Magnetic Partical Concentration		Method		WMPT Light Intensity			
		1.2 to 2.4 ml/100 ml		Wet Magnetic Particle Testing (WMPT)		3620 Lux			
Original - Client Files		Copy - Area Office		QC/FN/MPI/065 Rev.00		DATED 07 Nov 2021			



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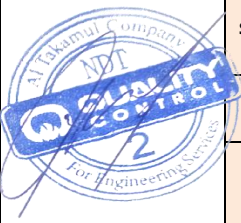


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CERTIFICATION OF VISUAL, THOROUGH EXAMINATION & MAGNETIC PARTICLE INSPECTION

Client:	HALLIBURTON (TSS)	Report No:	QC-24-05-TSS-NDT-015						
Location:	TSS WORKSHOP & INSPECTION TEST AREA	WORK ORDER	326589883						
Date:	Tuesday, May 14, 2024	Next Inspection Date:	Tuesday, May 13, 2025						
Type Of Inspection:	VISUAL , THOROUGH EXAMINATION & MAGNETIC PARTICLE INSPECTION	Specification:	ASTM E709 & ASTM E 1444 (2016) ASME V Article 7 (2019)						
		UNIT DESCRIPTION:	2" BALON VALVE 600						
		UNIT S/N:	6 FLM						
		SEPARATOR SAP NO:	11484041						
		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	Available critical 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	INSPECTOR NAME:	M.Shahzad Ahmed	SENIOR INSPECTOR:	NAVEED HUSSAIN
S.No:	1657	S.No:	2722003	S.No:	201504052			SUPERVISOR:	HANI ALI
Cal Due Date:	12-Aug-24	Cal Due Date:	14-Aug-24	Cal Due Date:	12-Aug-24			CLIENT:	
Black Magnetic Ink Manufacture:	Magnaflux	Batch No:	220605	Expiry Date:	JULY.2025				
White Contrast Paint Manufacture:	Magnaflux	Batch No:	220602	Expiry Date:	JUN.2025	STAMP & SIGNATURE:			
Technical Details:		Magnetic Partical Concentration		Method		WMPT Light Intensity			
		1.2 to 2.4 ml/100 ml		Wet Magnetic Particle Testing (WMPT)		3620 Lux			
Original - Client Files		Copy - Area Office		QC/FN/MPI/065 Rev.00		DATED 07 Nov 2021			



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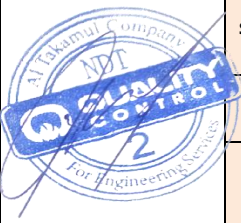


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CERTIFICATION OF VISUAL, THOROUGH EXAMINATION & MAGNETIC PARTICLE INSPECTION

Client:	HALLIBURTON (TSS)	Report No:	QC-24-05-TSS-NDT-016						
Location:	TSS WORKSHOP & INSPECTION TEST AREA	WORK ORDER	326589883						
Date:	Tuesday, May 14, 2024	Next Inspection Date:	Tuesday, May 13, 2025						
Type Of Inspection:	VISUAL , THOROUGH EXAMINATION & MAGNETIC PARTICLE INSPECTION	Specification:	ASTM E709 & ASTM E 1444 (2016) ASME V Article 7 (2019)						
		UNIT DESCRIPTION:	2" BALON VALVE 600						
		UNIT S/N:	6 FMK						
		SEPARATOR SAP NO:	11484041						
		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	Available critical 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	INSPECTOR NAME:	M.Shahzad Ahmed	SENIOR INSPECTOR:	NAVEED HUSSAIN
S.No:	1657	S.No:	2722003	S.No:	201504052			SUPERVISOR:	HANI ALI
Cal Due Date:	12-Aug-24	Cal Due Date:	14-Aug-24	Cal Due Date:	12-Aug-24			CLIENT:	
Black Magnetic Ink Manufacture:	Magnaflux	Batch No:	220605	Expiry Date:	JULY.2025	QUALIFICATION ASNT LEVEL II MT & PT & VT			
White Contrast Paint Manufacture:	Magnaflux	Batch No:	220602	Expiry Date:	JUN.2025				
Technical Details:		Magnetic Partical Concentration		Method		WMPT Light Intensity		STAMP & SIGNATURE:	
		1.2 to 2.4 ml/100 ml		Wet Magnetic Particle Testing (WMPT)		3620 Lux			
Original - Client Files		Copy - Area Office		QC/FN/MPI/065 Rev.00		DATED 07 Nov 2021			



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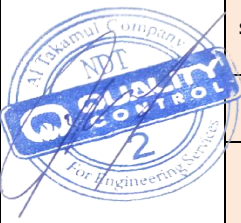
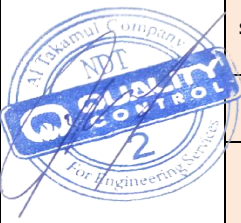
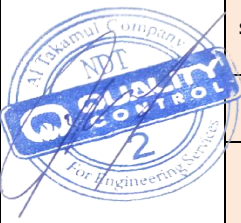


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CERTIFICATION OF VISUAL, THOROUGH EXAMINATION & MAGNETIC PARTICLE INSPECTION

Client:	HALLIBURTON (TSS)	Report No:	QC-24-05-TSS-NDT-017																																																																												
Location:	TSS WORKSHOP & INSPECTION TEST AREA	WORK ORDER	326589883																																																																												
Date:	Tuesday, May 14, 2024	Next Inspection Date:	Tuesday, May 13, 2025																																																																												
Type Of Inspection:	VISUAL , THOROUGH EXAMINATION & MAGNETIC PARTICLE INSPECTION	Specification:	ASTM E709 & ASTM E 1444 (2016) ASME V Article 7 (2019)																																																																												
		UNIT DESCRIPTION:	2" BALON VALVE 600																																																																												
		UNIT S/N:	9 FML																																																																												
		SEPARATOR SAP NO:	11484041																																																																												
		INSPECTION RESULT :																																																																													
		VISUAL , THOROUGH EXAMINATION	VISUAL & MAGNETIC PARTICLE INSPECTION (M.P.I.) HAD BEEN DONE ON THE AVAILABLE AREAS FOR THE ABOVE DESCRIPTION																																																																												
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COMMENT: Magnetic Particle Inspection With A/C Hand Yoke , Black & White Contrast																																																																															
																																																																															
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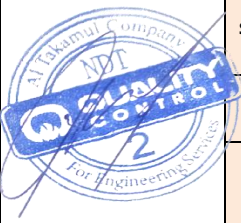


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CERTIFICATION OF VISUAL, THOROUGH EXAMINATION & MAGNETIC PARTICLE INSPECTION

Client:	HALLIBURTON (TSS)	Report No:	QC-24-05-TSS-NDT-018						
Location:	TSS WORKSHOP & INSPECTION TEST AREA	WORK ORDER	326589883						
Date:	Tuesday, May 14, 2024	Next Inspection Date:	Tuesday, May 13, 2025						
Type Of Inspection:	VISUAL , THOROUGH EXAMINATION & MAGNETIC PARTICLE INSPECTION	Specification:	ASTM E709 & ASTM E 1444 (2016) ASME V Article 7 (2019)						
		UNIT DESCRIPTION:	2" BALON VALVE 600						
		UNIT S/N:	3 FMK						
		SEPARATOR SAP NO:	11484041						
		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	Available critical 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	INSPECTOR NAME:	M.Shahzad Ahmed	SENIOR INSPECTOR:	NAVEED HUSSAIN
S.No:	1657	S.No:	2722003	S.No:	201504052			SUPERVISOR:	HANI ALI
Cal Due Date:	12-Aug-24	Cal Due Date:	14-Aug-24	Cal Due Date:	12-Aug-24			CLIENT:	
Black Magnetic Ink Manufacture:	Magnaflux	Batch No:	220605	Expiry Date:	JULY.2025				
White Contrast Paint Manufacture:	Magnaflux	Batch No:	220602	Expiry Date:	JUN.2025	STAMP & SIGNATURE:			
Technical Details:		Magnetic Partical Concentration		Method		WMPT Light Intensity			
		1.2 to 2.4 ml/100 ml		Wet Magnetic Particle Testing (WMPT)		3620 Lux			
Original - Client Files		Copy - Area Office		QC/FN/MPI/065 Rev.00		DATED 07 Nov 2021			



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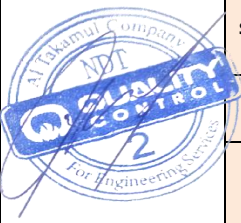


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CERTIFICATION OF VISUAL, THOROUGH EXAMINATION & MAGNETIC PARTICLE INSPECTION

Client:	HALLIBURTON (TSS)	Report No:	QC-24-05-TSS-NDT-019						
Location:	TSS WORKSHOP & INSPECTION TEST AREA	WORK ORDER	326589883						
Date:	Tuesday, May 14, 2024	Next Inspection Date:	Tuesday, May 13, 2025						
Type Of Inspection:	VISUAL , THOROUGH EXAMINATION & MAGNETIC PARTICLE INSPECTION	Specification:	ASTM E709 & ASTM E 1444 (2016) ASME V Article 7 (2019)						
		UNIT DESCRIPTION:	2" BALON VALVE 600						
		UNIT S/N:	3 FML						
		SEPARATOR SAP NO:	11484041						
		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	Available critical 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	INSPECTOR NAME:	M.Shahzad Ahmed	SENIOR INSPECTOR:	NAVEED HUSSAIN
S.No:	1657	S.No:	2722003	S.No:	201504052			SUPERVISOR:	HANI ALI
Cal Due Date:	12-Aug-24	Cal Due Date:	14-Aug-24	Cal Due Date:	12-Aug-24			CLIENT:	
Black Magnetic Ink Manufacture:	Magnaflux	Batch No:	220605	Expiry Date:	JULY.2025				
White Contrast Paint Manufacture:	Magnaflux	Batch No:	220602	Expiry Date:	JUN.2025	STAMP & SIGNATURE:			
Technical Details:		Magnetic Partical Concentration		Method		WMPT Light Intensity			
		1.2 to 2.4 ml/100 ml		Wet Magnetic Particle Testing (WMPT)		3620 Lux			
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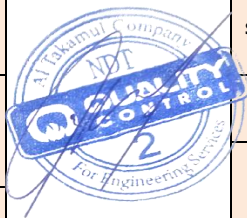


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CERTIFICATION OF VISUAL, THOROUGH EXAMINATION & MAGNETIC PARTICLE INSPECTION

Client:	HALLIBURTON (TSS)	Report No:	QC-24-05-TSS-NDT-020						
Location:	TSS WORKSHOP & INSPECTION TEST AREA	WORK ORDER	326589883						
Date:	Tuesday, May 14, 2024	Next Inspection Date:	Tuesday, May 13, 2025						
Type Of Inspection:	VISUAL , THOROUGH EXAMINATION & MAGNETIC PARTICLE INSPECTION	Specification:	ASTM E709 & ASTM E 1444 (2016) ASME V Article 7 (2019)						
		UNIT DESCRIPTION:	2" BALON VALVE 600						
		UNIT S/N:	2 FMK						
		SEPARATOR SAP NO:	11484041						
		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	Available critical areas inspected and found free from cracks and other defects						
		FINAL RESULTS	THE ABOVE INSPECTED AREAS WAS ACCEPTED						
COMMENT:									
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EQUIPMENT DETAILS						PERSON DETAILS		REVIEW BY	
Equipment:	AC-Yoke Test Block	Equipment:	Digital Lux Meter	Equipment:	AC/DC Yoke	INSPECTOR NAME:	M.Shahzad Ahmed	SENIOR INSPECTOR:	NAVEED HUSSAIN
S.No:	1657	S.No:	2722003	S.No:	201504052			SUPERVISOR:	HANI ALI
Cal Due Date:	12-Aug-24	Cal Due Date:	14-Aug-24	Cal Due Date:	12-Aug-24			CLIENT:	
Black Magnetic Ink Manufacture:	Magnaflux	Batch No:	220605	Expiry Date:	JULY.2025				
White Contrast Paint Manufacture:	Magnaflux	Batch No:	220602	Expiry Date:	JUN.2025	STAMP & SIGNATURE:			
Technical Details:	Magnetic Partical Concentration	Method		WMPT Light Intensity					
	1.2 to 2.4 ml/100 ml	Wet Magnetic Particle Testing (WMPT)		3620 Lux					
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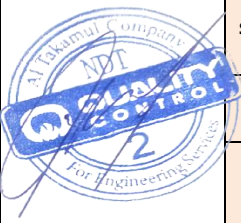
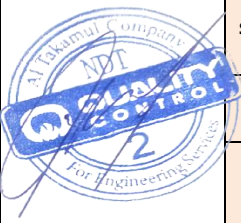
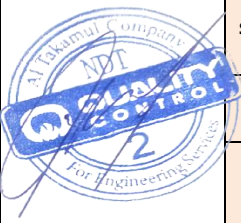


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CERTIFICATION OF VISUAL, THOROUGH EXAMINATION & MAGNETIC PARTICLE INSPECTION

Client:	HALLIBURTON (TSS)	Report No:	QC-24-05-TSS-NDT-021																																																																												
Location:	TSS WORKSHOP & INSPECTION TEST AREA	WORK ORDER	326589883																																																																												
Date:	Tuesday, May 14, 2024	Next Inspection Date:	Tuesday, May 13, 2025																																																																												
Type Of Inspection:	VISUAL , THOROUGH EXAMINATION & MAGNETIC PARTICLE INSPECTION	Specification:	ASTM E709 & ASTM E 1444 (2016) ASME V Article 7 (2019)																																																																												
		UNIT DESCRIPTION:	4" BALON VALVE 600																																																																												
		UNIT S/N:	4 FMS																																																																												
		SEPARATOR SAP NO:	11484041																																																																												
		INSPECTION RESULT :																																																																													
		VISUAL , THOROUGH EXAMINATION	VISUAL & MAGNETIC PARTICLE INSPECTION (M.P.I.) HAD BEEN DONE ON THE AVAILABLE AREAS FOR THE ABOVE DESCRIPTION																																																																												
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EQUIPMENT DETAILS						PERSON DETAILS		REVIEW BY																																																																							
Equipment:	AC-Yoke Test Block	Equipment:	Digital Lux Meter	Equipment:	AC/DC Yoke	INSPECTOR NAME:	M.Shahzad Ahmed	SENIOR INSPECTOR:	NAVEED HUSSAIN																																																																						
S.No:	1657	S.No:	2722003	S.No:	201504052	QUALIFICATION ASNT LEVEL II MT & PT & VT		SUPERVISOR:	HANI ALI																																																																						
Cal Due Date:	12-Aug-24	Cal Due Date:	14-Aug-24	Cal Due Date:	12-Aug-24			CLIENT:																																																																							
Black Magnetic Ink Manufacture:	Magnaflux	Batch No:	220605	Expiry Date:	JULY.2025																																																																										
Whie Contrast Paint Manufacture:	Magnaflux	Batch No:	220602	Expiry Date:	JUN,2025																																																																										
Technical Details:		Magnetic Partical Concentration		Method		WMPT Light Intensity		STAMP & SIGNATURE:																																																																							
		1.2 to 2.4 ml/100 ml		Wet Magnetic Particle Testing (WMPT)		3620 Lux																																																																									
Original - Client Files Copy - Area Office QC/FN/MPI/065 Rev.00 DATED 07 Nov 2021																																																																															



Corporate Partner



Address: Noth Rumaila, Al Takamul Yard
Contact: +9647810009138

Tel: +9647810009138 / +9647834964657

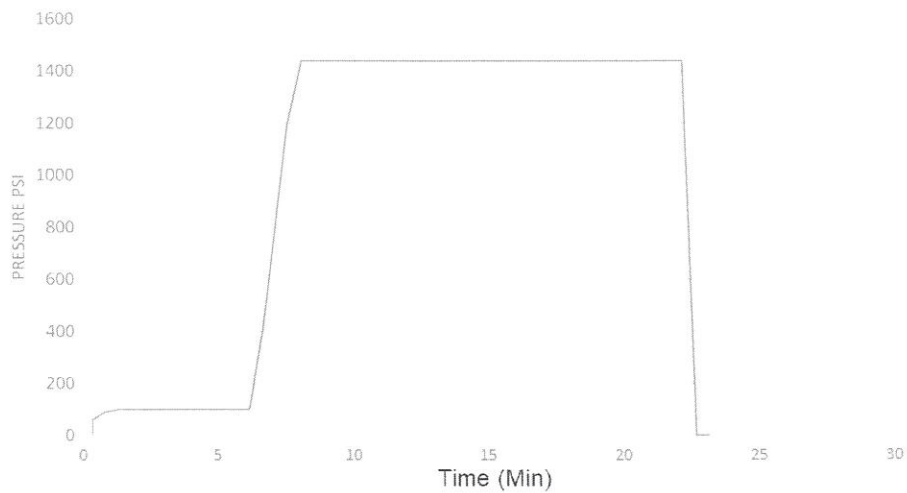
Email: OP@qualitycontrol-iraq.com / hany.akafi@qualitycontrol-iraq.com

Data Collection Report

Gauge Information	
Serial Number	468066
Model	XP2I
Message Store	TSS test area
Units	PSI
SCALE	15000 PSI

Run Info	
Start Time	8:30 AM
Stop Time	8:53 AM
Test Date	14-May-24
EQ NUMBER	11484041
LAST CALIB	2.Aug.2023

READING



TESTED BY : Ali Khalid
APPROVED BY: Hassan Kamel
COMMENTS: Body Test

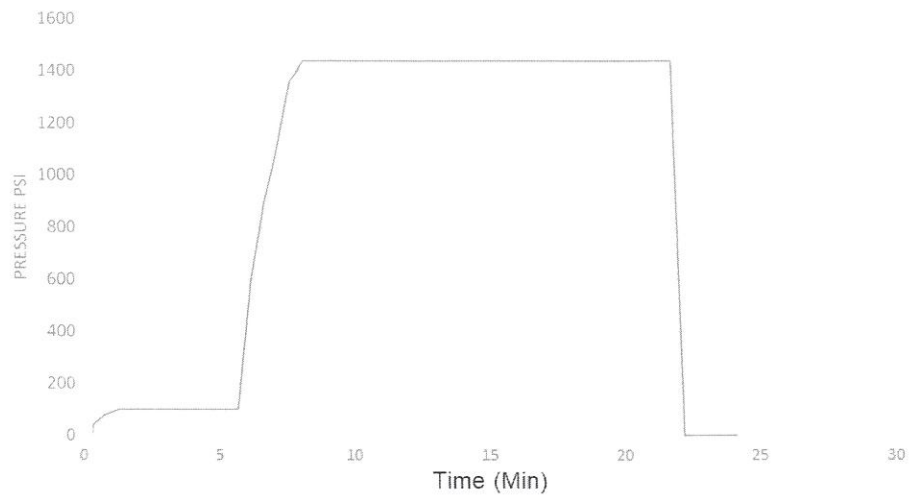
SIGN: 
SIGN: 


Data Collection Report

Gauge Information	
Serial Number	468066
Model	XP2I
Message Store	TSS test area
Units	PSI
SCALE	15000 PSI

Run Info	
Start Time	8:56 AM
Stop Time	9:19 AM
Test Date	14-May-24
EQ NUMBER	11484041
LAST CALIB	2.Aug.2023

READING



TESTED BY : Ali Khalid
APPROVED BY: Hassan Kamel
COMMENTS: All valves has been tested

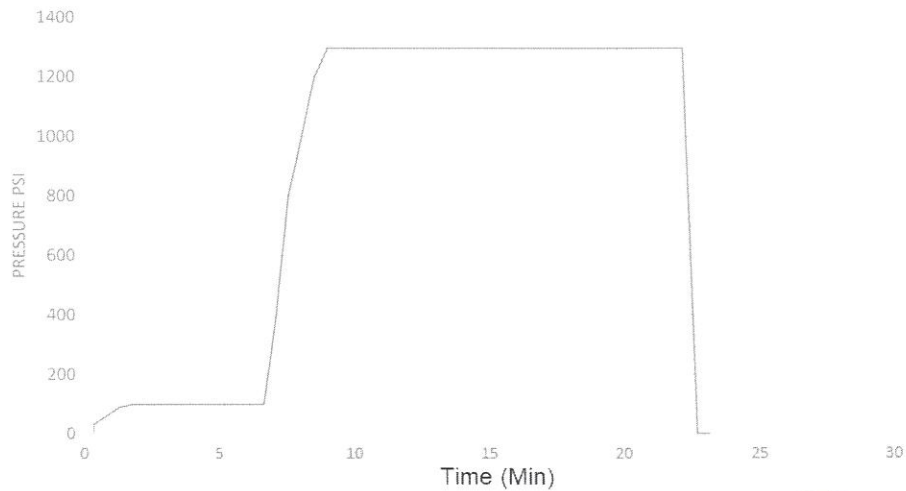


Data Collection Report

Gauge Information	
Serial Number	468066
Model	XP2I
Message Store	TSS test area
Units	PSI
SCALE	15000 PSI

Run Info	
Start Time	9:50 AM
Stop Time	10:13 AM
Test Date	14-May-24
EQ NUMBER	11484041
LAST CALIB	2.Aug.2023

READING



TESTED BY : Ali Khalid
APPROVED BY: Hassan Kamel
COMMENTS: Body Test with PRV's

