

AI TAKAMUL COMPANY FOR ENGINEERING TESTS AND PROFESSIONAL SAFETY LIMITED

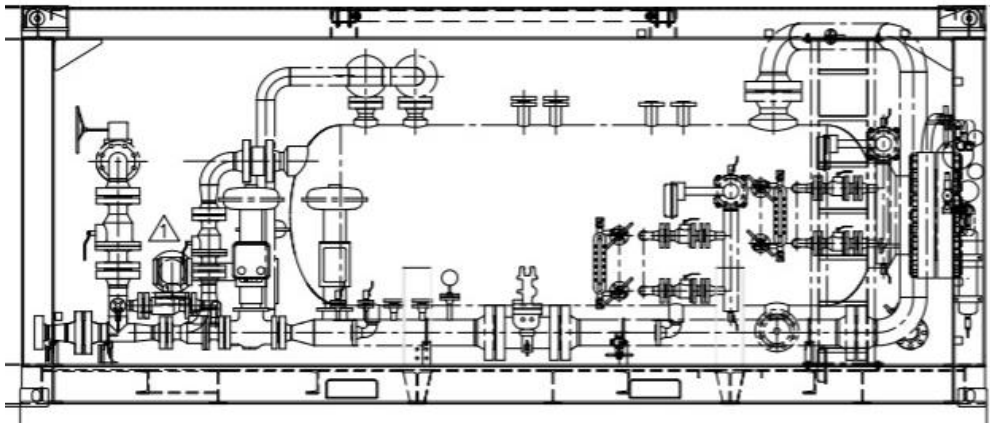
Basra, North Rumaila, Quality Control Yard - Iraq



CERTIFICATE OF QUALIFICATION VISUAL AND WITNESS PRESSURE TEST

THIS REPORT COMPLIES WITH RECOGNIZED INTERNATIONAL STANDARDS & TECHNICAL REQUIREMENTS

CLIENT:	TAREEQ-AL-SALEM	REPORT No.:	QC-24-07-TAS-001
LOCATION:	TSS BACK YARD	JOB NO :	QC-24-07-TAS-001
WORK ORDER #	*****	SPECIFICATION:	ASME SECTION VIII DIV 1 Latest Edition , ASME B31.3
DATE OF INSPECTION :	Monday, July 8, 2024	INSP. DUE DATE:	Monday, July 7, 2025
TYPE OF INSPECTION:	VISUAL INSPECTION AND WITNESS PRESSURE TEST		
DESCRIPTION:	SEPEARATOR VESSEL 1440PSI	SAP EQ.NO	SEPL-U207
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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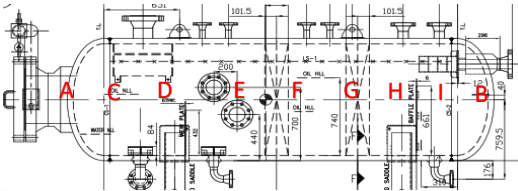
CERTIFICATE OF QUALIFICATION VISUAL AND MAGNETIC PARTICLE INSPECTION AND ULTRASONIC THICKNESS GAUGING

THIS REPORT COMPLIES WITH RECOGNIZED INTERNATIONAL STANDARDS & TECHNICAL REQUIREMENTS

CLIENT:	TAREEQ-AL-SALEM	REPORT No.:	QC-24-07-TAS-NDT-002
LOCATION:	TSS BACK YARD	JOB NO :	QC-24-07-TAS-001
WORK ORDER #	-	SPECIFICATION:	ASME SECTION VIII DIV 1 Latest Edition Manufacturing Date Book
INSPECTION DATE:	Thursday, July 4, 2024	INSP. DUE DATE:	Thursday, July 3, 2025
TYPE OF INSPECTION:	VISUAL AND MAGNETIC PARTICLE INSPECTION AND ULTRASONIC THICKNESS GAUGING		

DESCRIPTION:	SEPEARATOR VESSEL 1440PSI	MANUFACTURER SERIAL NO:	SEPL-U207
MANUFACTURER:	SPARKLET ENGINEERS PRIVATE LIMITED		
LEFT SIDE & RIGHT SIDE MINIMUM THICKNESS	44 MM	LEFT SIDE & RIGHT SIDE CORROSION ALLOWANCE	3 MM
SHELL NOMINAL THICKNESS	50 MM	SHELL CORROSION ALLOWANCE	3 MM

INSPECTION DETAILS



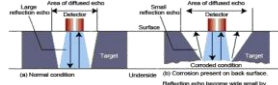
360 120 240

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



Large area of diffused action
Small area of diffused action
Normal condition
Unacceptable (No Corrosion present on back surface)
Diffusion: using luminous white sand by diffused reflection caused by controlled scattered surface

ANGLE	THICKNESS AT POSITION			MINIMUM THICKNESS	CORROSION ALLOWANCE	FINAL REMARKS		
	120°	240°	360°					
LEFT SIDE A1	49.85	50.11	50.19	44 MM	3 MM	SATISFACTORY		
LEFT SIDE A2	50.40	48.39	50.11					
LEFT SIDE A3	50.63	50.77	50.12					
RIGHT SIDE B1	49.85	50.61	49.41					
RIGHT SIDE B2	50.41	50.42	48.38					
RIGHT SIDE B3	50.77	50.76	50.72					
ANGLE	THICKNESS AT POSITION			NOMINAL THICKNESS			3 MM	SATISFACTORY
	120°	240°	360°					
SHELL C	49.38	48.33	48.17	50 MM				
SHELL D	48.36	48.37	48.44					
SHELL E	49.14	49.96	48.85					
SHELL F	49.38	49.39	49.47					
SHELL G	48.37	48.38	48.37					
SHELL H	48.50	48.49	48.40					
SHELL I	49.28	49.27	49.18					

INSPECTION RESULT

VT & MPI	Accepted	According to ASME SECTION VIII DIV 1
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

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	14-Oct-24	White Contrast WCF 2	MANUFACTURE	BATCH NO	EXPIRE DATE
Digital Lux Meter WHITE LIGHT	2722003	CAL DUE DATE	16-Oct-24		Magnaflux	220602	JUN,2025
UT THICKNESS GAUGE:	3997	CAL DUE DATE	14-Oct-24	Black Magnetic Ink 7HF	MANUFACTURE	BATCH NO	EXPIRE DATE
UT TEST BLOCK:	NoBo5087	CAL DUE DATE	15-Oct-24		Magnaflux	220605	JULY,2025
ASTM Test Block:	1657	CAL DUE DATE	14-Oct-24	Fluorescent Magnetic Ink 7HF			
WHITE LIGHT INTENSITY:	3680 lux						

PERSON DETAILS		REVIEW BY			
INSPECTOR NAME:	M. Shaleed Al-Hadi	SENIOR INSPECTOR:	NAVEED HUSSAIN	CLIENT:	
QUALIFICATION:	ASNT LEVEL III	INSPECTION SUPERVISOR:	HANI ALI	DESIGN:	
SIGNATURE & STAMP:				DATE:	

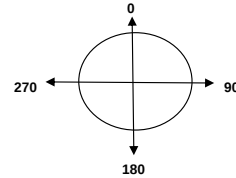
Original - Client Files Copy - Area Office QC/PN/PT/077 Rev.00 DATED 07.NOV.2021

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

THIS REPORT COMPLIES WITH RECOGNIZED INTERNATIONAL STANDARDS & TECHNICAL REQUIREMENTS

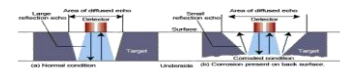
CLIENT:	TAREEQ-AL-SALEM	REPORT No.:	QC-24-07-TAS-NDT-002
LOCATION:	TSS BACK YARD	JOB NO :	QC-24-07-TAS-001
WORK ORDER #	-	SPECIFICATION:	ASME SECTION VIII DIV 1 Latest Edition Manufacturing Date Book
INSPECTION DATE:	Thursday, July 4, 2024	INSP. DUE DATE:	Thursday, July 3, 2025
TYPE OF INSPECTION:	VISUAL AND MAGNETIC PARTICLE INSPECTION AND ULTRASONIC THICKNESS GAUGING		
DESCRIPTION:	SEPEARATOR GAS OUT LINE	MANUFACTURER SERIAL NO:	SEPL-U207
MANUFACTURER:	SPARKLET ENGINEERS PRIVATE LIMITED		

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	11.23	11.36	11.10	11.27	3 MM	SATISFACTORY
B	11.30	11.60	11.42	11.47		
C	11.58	11.66	11.43	11.31		
D	9.70	9.79	9.82	9.75		
E	9.78	9.86	10.55	10.62		
F	9.33	9.39	9.35	9.47		
G	9.77	9.81	9.93	9.84		
H	9.71	9.83	9.90	9.83		
I	9.69	9.71	9.75	9.68		
J	9.81	9.90	9.93	9.86		
K	9.48	9.56	9.65	9.42		
L	9.78	9.84	9.80	9.92		
M	9.88	9.92	10.04	9.95		
N	9.94	10.06	10.13	10.06		
O	9.19	9.21	9.25	9.18		

INSPECTION RESULT

VT & MPI	Accepted	According to ASME SECTION VIII DIV 1
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

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	14-Oct-24	White Contrast WCP-2	MANUFACTURE	BATCH NO	EXPIRE DATE
Digital Lux Meter WHITE LIGHT	2722003	CAL DUE DATE	16-Oct-24		Magnaflux	220602	JUN,2025
UT THICKNESS GAUGE:	3997	CAL DUE DATE	14-Oct-24	Black Magnetic Ink 7HF	MANUFACTURE	BATCH NO	EXPIRE DATE
UT TEST BLOCK:	NoBo5087	CAL DUE DATE	15-Oct-24		Magnaflux	220605	JULY, 2025
ASTM Test Block:	1657	CAL DUE DATE	14-Oct-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 Ahmad	SENIOR INSPECTOR:	NAVEED HUSSAIN	CLIENT:	
QUALIFICATION:	SPARKLET ENGINEERS PRIVATE LIMITED	INSPECTION SUPERVISOR:	HANI ALI	HBASIGN	
SIGNATURE & STAMP:				DATE:	

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AI TAKAMUL COMPANY FOR ENGINEERING TESTS AND PROFESSIONAL SAFETY LIMITED

Basra, North Rumaila, Quality Control Yard - Iraq



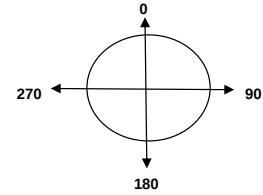
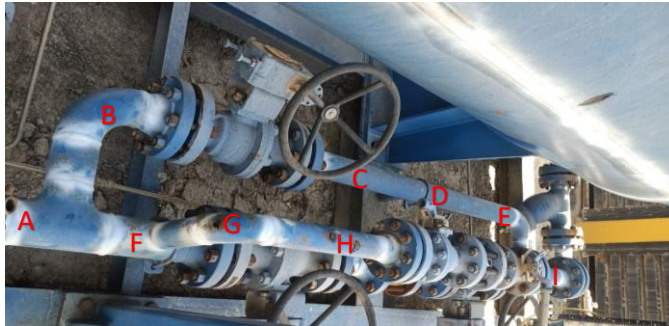
CERTIFICATE OF QUALIFICATION VISUAL AND MAGNETIC PARTICLE INSPECTION AND ULTRASONIC THICKNESS GAUGING

THIS REPORT COMPLIES WITH RECOGNIZED INTERNATIONAL STANDARDS & TECHNICAL REQUIREMENTS

CLIENT:	TAREEQ-AL-SALEM	REPORT No.:	QC-24-07-TAS-NDT-004
LOCATION:	TSS BACK YARD	JOB NO :	QC-24-07-TAS-001
WORK ORDER #	-	SPECIFICATION:	ASME SECTION VIII DIV 1 Latest Edition Manufacturing Date Book
INSPECTION DATE:	Thursday, July 4, 2024	INSP. DUE DATE:	Thursday, July 3, 2025
TYPE OF INSPECTION:	VISUAL AND MAGNETIC PARTICLE INSPECTION AND ULTRASONIC THICKNESS GAUGING		

DESCRIPTION:	SEPEARATOR OIL OUT LINE	MANUFACTURER SERIAL NO:	SEPL-U207
MANUFACTURER:	SPARKLET ENGINEERS PRIVATE LIMITED		

INSPECTION DETAILS



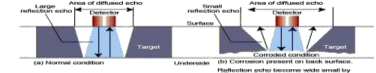
A:12'O CLOCK / FORWARD
B:3'O CLOCK / CENTER
C:6'O CLOCK / AFT

* ALL READINGS IN MM

**MINIMUM THICKNESS PROVIDED BY CUSTOMER



ONLINE TRACEABILITY



ANGLE	THICKNESS AT POSITION				CORROSION ALLOWANCE	FINAL REMARKS
	0°	90°	180°	270°		
A	9.56	9.65	9.44	9.49	3 MM	SATISFACTORY
B	8.69	8.99	8.81	8.86		
C	8.97	9.05	9.72	9.60		
D	9.60	9.69	9.72	9.65		
E	8.82	8.90	9.04	9.11		
F	9.06	9.12	9.08	9.20		
G	9.67	9.71	9.83	9.74		
H	9.73	9.85	9.92	9.85		
I	8.17	8.19	8.23	8.16		

INSPECTION RESULT

VT & MPI	Accepted	According to ASME SECTION VIII DIV 1
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

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

INSPECTION EQUIPMENT DETAILS

AC YOKE S.N:	201504052	CAL DUE DATE	14-Oct-24
Digital Lux Meter WHITE LIGHT	2722003	CAL DUE DATE	16-Oct-24
UT THICKNESS GAUGE:	3997	CAL DUE DATE	14-Oct-24
UT TEST BLOCK:	NoBo5087	CAL DUE DATE	15-Oct-24
ASTM Test Block:	1657	CAL DUE DATE	14-Oct-24
WHITE LIGHT INTENSITY:	3680 lux		

TECHNICAL DETAILS

White Contrast WCP-2	MANUFACTURE	BATCH NO	EXPIRE DATE
	Magnaflux	220602	JUN.2025
Black Magnetic Ink 7HF	MANUFACTURE	BATCH NO	EXPIRE DATE
	Magnaflux	220605	JULY.2025
Fluorescent Magnetic Ink 7HF			1.2 to 2.4 ml/100 ml

PERSON DETAILS

REVIEW BY

INSPECTOR NAME:	M.Shahad Ahmed	SENIOR INSPECTOR:	NAVEED HUSSAIN	CLIENT:	
QUALIFICATION:	S.N.I. 123456789	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



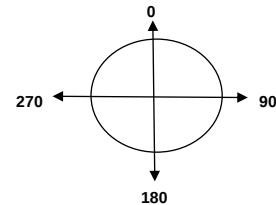
CERTIFICATE OF QUALIFICATION VISUAL AND MAGNETIC PARTICLE INSPECTION AND ULTRASONIC THICKNESS GAUGING

THIS REPORT COMPLIES WITH RECOGNIZED INTERNATIONAL STANDARDS & TECHNICAL REQUIREMENTS

CLIENT:	TAREEQ-AL-SALEM	REPORT No.:	QC-24-07-TAS-NDT-005
LOCATION:	TSS BACK YARD	JOB NO :	QC-24-07-TAS-001
WORK ORDER #	-	SPECIFICATION:	ASME SECTION VIII DIV 1 Latest Edition Manufacturing Date Book
INSPECTION DATE:	Thursday, July 4, 2024	INSP. DUE DATE:	Thursday, July 3, 2025
TYPE OF INSPECTION:	VISUAL AND MAGNETIC PARTICLE INSPECTION AND ULTRASONIC THICKNESS GAUGING		

DESCRIPTION:	SEPEARATOR DRAIN LINE	MANUFACTURER SERIAL NO:	SEPL-U207
MANUFACTURER:	SPARKLET ENGINEERS PRIVATE LIMITED		

INSPECTION DETAILS

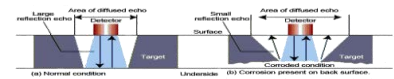


A:12'O CLOCK / FORWARD
B:3'O CLOCK / CENTER
C:6'O CLOCK / AFT

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



ONLINE TRACEABILITY



ANGLE	THICKNESS AT POSITION				CORROSION ALLOWANCE	FINAL REMARKS
	0°	90°	180°	270°		
A	7.14	7.26	7.10	7.17	3 MM	SATISFACTORY
B	6.82	7.12	6.94	6.99		
C	7.05	7.13	7.33	7.21		
D	7.18	7.27	7.30	7.23		
E	6.95	7.03	7.17	7.24		

INSPECTION RESULT

VT & MPI	Accepted	According to ASME SECTION VIII DIV 1
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

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	14-Oct-24	White Contrast WCP-2	MANUFACTURE	BATCH NO	EXPIRE DATE
Digital Lux Meter WHITE LIGHT	2722003	CAL DUE DATE	16-Oct-24		Magnaflux	220602	JUN,2025
UT THICKNESS GAUGE:	3997	CAL DUE DATE	14-Oct-24	Black Magnetic Ink 7HF	MANUFACTURE	BATCH NO	EXPIRE DATE
UT TEST BLOCK:	NoBo5087	CAL DUE DATE	15-Oct-24		Magnaflux	220605	JULY,2025
ASTM Test Block:	1657	CAL DUE DATE	14-Oct-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:	SAFETY CONTROL	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



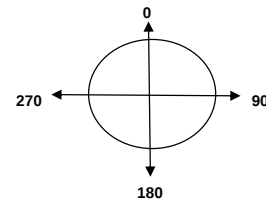
CERTIFICATE OF QUALIFICATION VISUAL AND MAGNETIC PARTICLE INSPECTION AND ULTRASONIC THICKNESS GAUGING

THIS REPORT COMPLIES WITH RECOGNIZED INTERNATIONAL STANDARDS & TECHNICAL REQUIREMENTS

CLIENT:	TAREEQ-AL-SALEM	REPORT No.:	QC-24-07-TAS-NDT-006
LOCATION:	TSS BACK YARD	JOB NO :	QC-24-07-TAS-001
WORK ORDER #	-	SPECIFICATION:	ASME SECTION VIII DIV 1 Latest Edition Manufacturing Date Book
INSPECTION DATE:	Thursday, July 4, 2024	INSP. DUE DATE:	Thursday, July 3, 2025
TYPE OF INSPECTION:	VISUAL AND MAGNETIC PARTICLE INSPECTION AND ULTRASONIC THICKNESS GAUGING		

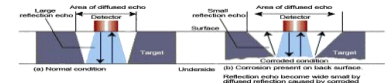
DESCRIPTION:	SEPEARATOR RELIEF LINE	MANUFACTURER SERIAL NO:	SEPL-U207
MANUFACTURER:	SPARKLET ENGINEERS PRIVATE LIMITED		

INSPECTION DETAILS



ONLINE TRACEABILITY

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



ANGLE	THICKNESS AT POSITION				CORROSION ALLOWANCE	FINAL REMARKS
	0°	90°	180°	270°		
A	9.72	9.81	9.69	9.71	3 MM	SATISFACTORY
B	9.20	9.50	9.32	9.37		
C	9.37	9.45	9.88	9.76		
D	9.58	9.67	9.70	9.63		
E	9.33	9.41	9.55	9.62		
F	9.29	9.35	9.31	9.43		
F	9.46	9.52	9.48	9.60		

INSPECTION RESULT

VT & MPI	Accepted	According to ASME SECTION VIII DIV 1
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

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	14-Oct-24	White Contrast WCP-2	MANUFACTURE	BATCH NO	EXPIRE DATE
Digital Lux Meter WHITE LIGHT	2722003	CAL DUE DATE	16-Oct-24		Magnaflux	220602	JUN,2025
UT THICKNESS GAUGE:	3997	CAL DUE DATE	14-Oct-24	Black Magnetic Ink 7HF	MANUFACTURE	BATCH NO	EXPIRE DATE
UT TEST BLOCK:	NoBo5087	CAL DUE DATE	15-Oct-24		Magnaflux	220605	JULY,2025
ASTM Test Block:	1657	CAL DUE DATE	14-Oct-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:		INSPECTION SUPERVISOR:	HANI ALI	HBASIGN	
SIGNATURE & STAMP:				DATE:	

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



AI TAKAMUL COMPANY FOR ENGINEERING TESTS AND PROFESSIONAL SAFETY LIMITED

Basra, North Rumaila, Quality Control Yard - Iraq

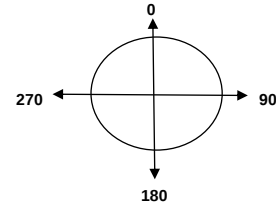


CERTIFICATE OF QUALIFICATION VISUAL AND MAGNETIC PARTICLE INSPECTION AND ULTRASONIC THICKNESS GAUGING

THIS REPORT COMPLIES WITH RECOGNIZED INTERNATIONAL STANDARDS & TECHNICAL REQUIREMENTS

CLIENT:	TAREEQ-AL-SALEM	REPORT No.:	QC-24-07-TAS-NDT-007
LOCATION:	TSS BACK YARD	JOB NO :	QC-24-07-TAS-001
WORK ORDER #	-	SPECIFICATION:	ASME SECTION VIII DIV 1 Latest Edition Manufacturing Date Book
INSPECTION DATE:	Thursday, July 4, 2024	INSP. DUE DATE:	Thursday, July 3, 2025
TYPE OF INSPECTION:	VISUAL AND MAGNETIC PARTICLE INSPECTION AND ULTRASONIC THICKNESS GAUGING		
DESCRIPTION:	SEPEARATOR INLET LINE	MANUFACTURER SERIAL NO:	SEPL-U207
MANUFACTURER:	SPARKLET ENGINEERS PRIVATE LIMITED		

INSPECTION DETAILS

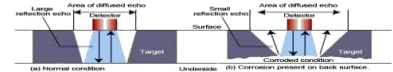


A:12'O CLOCK / FORWARD
B:3'O CLOCK / CENTER
C:6'O CLOCK / AFT

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



ONLINE TRACEABILITY



ANGLE	THICKNESS AT POSITION				CORROSION ALLOWANCE	FINAL REMARKS
	0°	90°	180°	270°		
A	9.32	9.39	9.27	9.29	3 MM	SATISFACTORY
B	8.98	9.30	9.12	9.63		
C	9.39	9.51	9.46	9.34		
D	9.80	9.92	9.37	9.25		
D	9.11	9.20	9.23	9.16		

INSPECTION RESULT

VT & MPI	Accepted	According to ASME SECTION VIII DIV 1
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

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	14-Oct-24	White Contrast WCP-2	MANUFACTURE	BATCH NO	EXPIRE DATE
Digital Lux Meter WHITE LIGHT	2722003	CAL DUE DATE	16-Oct-24		Magnaflux	220602	JUN,2025
UT THICKNESS GAUGE:	3997	CAL DUE DATE	14-Oct-24	Black Magnetic Ink 7HF	MANUFACTURE	BATCH NO	EXPIRE DATE
UT TEST BLOCK:	NoBo5087	CAL DUE DATE	15-Oct-24		Magnaflux	220605	JULY,2025
ASTM Test Block:	1657	CAL DUE DATE	14-Oct-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:	SEN. CONTROL	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



CERTIFICATION OF VISUAL, THOROUGH EXAMINATION & MAGNETIC PARTICLE INSPECTION									
Client:	TAREEQ-AL-SALEM				Report No:	QC/24/TAS-JUL-008			
Location:	TSS BACK YARD				Job Number:	QC/24/TAS-001			
Inspection Date:	Thursday, July 4, 2024				Next Inspection Date:	Thursday, July 3, 2025			
Type Of Inspection:	VISUAL , THOROUGH EXAMINATION & MAGNETIC PARTICLE INSPECTION				Specification:	ASTM E709 & ASTM E 1444 (2016) ASME V Article 7 (2019)			
					UNIT DESCRIPTION:	1" CLASS '600 BALLON VALVE			
					UNIT S/N:	FB70206			
					SEPARATOR SAP NO:	SEPL-U207			
					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	unit found satisfactory and free of defects at the time of inspection			
					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:		SENIOR INSPECTOR:	NAVEED HUSSAIN
S.No:	1657	S.No:	2722003	S.No:	201504052				
Cal Due Date:	14-Oct-24	Cal Due Date:	16-Oct-24	Cal Due Date:	14-Oct-24	QUALIFICATION:		SUPERVISOR:	HANI ALI
Black Magnetic Ink Manufacture:	Magnaflux	Batch No:	220605	Expiry Date:	JULY,2025	STAMP & SIGNATURE:		CLIENT:	
Whie Contrast Paint Manufacture:	Magnaflux	Batch No:	220602	Expiry Date:	JUN,2025				
Technical Details:		Magnetic Partical Concentration		Method		WMPT Light Intensity			
		1.2 to 2.4 ml/100 ml		Wet Magnetic Particle Testing (WMPT)		3630 Lux			

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Corporate Partner



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**AI TAKAMUL COMPANY FOR ENGINEERING TESTS
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Basra, North Rumaila, Quality Control Yard - Iraq



CERTIFICATION OF VISUAL, THOROUGH EXAMINATION & MAGNETIC PARTICLE INSPECTION									
Client:	TAREEQ-AL-SALEM				Report No:	QC/24/TAS-JUL-009			
Location:	TSS BACK YARD				Job Number:	QC/24/TAS-001			
Inspection Date:	Thursday, July 4, 2024				Next Inspection Date:	Thursday, July 3, 2025			
Type Of Inspection:	VISUAL , THOROUGH EXAMINATION & MAGNETIC PARTICLE INSPECTION				Specification:	ASTM E709 & ASTM E 1444 (2016) ASME V Article 7 (2019)			
					UNIT DESCRIPTION:	1" CLASS '600 BALLON VALVE			
					UNIT S/N:	FB70007			
					SEPARATOR S.NO:	SEPL-U207			
					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	unit found satisfactory and free of defects at the time of inspection			
					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:		SENIOR INSPECTOR:	NAVEED HUSSAIN
S.No:	1657	S.No:	2722003	S.No:	201504052				
Cal Due Date:	14-Oct-24	Cal Due Date:	16-Oct-24	Cal Due Date:	14-Oct-24	QUALIFICATION:		SUPERVISOR:	HANI ALI
Black Magnetic Ink Manufacture:	Magnaflux	Batch No:	220605	Expiry Date:	JULY,2025	STAMP & SIGNATURE:		CLIENT:	
Whie Contrast Paint Manufacture:	Magnaflux	Batch No:	220602	Expiry Date:	JUN,2025				
Technical Details:		Magnetic Partical Concentration		Method		WMPT Light Intensity			
		1.2 to 2.4 ml/100 ml		Wet Magnetic Particle Testing (WMPT)		3630 Lux			

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**AI TAKAMUL COMPANY FOR ENGINEERING TESTS
AND PROFESSIONAL SAFETY LIMITED**
Basra, North Rumaila, Quality Control Yard - Iraq



CERTIFICATION OF VISUAL, THOROUGH EXAMINATION & MAGNETIC PARTICLE INSPECTION									
Client:	TAREEQ-AL-SALEM				Report No:	QC/24/TAS-JUL-010			
Location:	TSS BACK YARD				Job Number:	QC/24/TAS-001			
Inspection Date:	Thursday, July 4, 2024				Next Inspection Date:	Thursday, July 3, 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" CLASS '600 BALLON VALVE			
					UNIT S/N:	3714			
					SEPARATOR S.NO:	SEPL-U207			
					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	unit found satisfactory and free of defects at the time of inspection			
					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:		SENIOR INSPECTOR:	NAVEED HUSSAIN
S.No:	1657	S.No:	2722003	S.No:	201504052				
Cal Due Date:	14-Oct-24	Cal Due Date:	16-Oct-24	Cal Due Date:	14-Oct-24	QUALIFICATION:		SUPERVISOR:	HANI ALI
Black Magnetic Ink Manufacture:	Magnaflux	Batch No:	220605	Expiry Date:	JULY,2025	STAMP & SIGNATURE:		CLIENT:	
Whie Contrast Paint Manufacture:	Magnaflux	Batch No:	220602	Expiry Date:	JUN,2025				
Technical Details:		Magnetic Partical Concentration		Method		WMPT Light Intensity			
		1.2 to 2.4 ml/100 ml		Wet Magnetic Particle Testing (WMPT)		3630 Lux			

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Basra, North Rumaila, Quality Control Yard - Iraq



CERTIFICATION OF VISUAL, THOROUGH EXAMINATION & MAGNETIC PARTICLE INSPECTION									
Client:	TAREEQ-AL-SALEM				Report No:	QC/24/TAS-JUL-011			
Location:	TSS BACK YARD				Job Number:	QC/24/TAS-001			
Inspection Date:	Thursday, July 4, 2024				Next Inspection Date:	Thursday, July 3, 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" CLASS '600 BALLON VALVE			
					UNIT S/N:	FB7017-01			
					SEPARATOR S.NO:	SEPL-U207			
					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	unit found satisfactory and free of defects at the time of inspection			
					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:		SENIOR INSPECTOR:	NAVEED HUSSAIN
S.No:	1657	S.No:	2722003	S.No:	201504052				
Cal Due Date:	14-Oct-24	Cal Due Date:	16-Oct-24	Cal Due Date:	14-Oct-24	QUALIFICATION:		SUPERVISOR:	HANI ALI
Black Magnetic Ink Manufacture:	Magnaflux	Batch No:	220605	Expiry Date:	JULY,2025	STAMP & SIGNATURE:		CLIENT:	
Whie Contrast Paint Manufacture:	Magnaflux	Batch No:	220602	Expiry Date:	JUN,2025				
Technical Details:		Magnetic Partical Concentration		Method		WMPT Light Intensity			
		1.2 to 2.4 ml/100 ml		Wet Magnetic Particle Testing (WMPT)		3630 Lux			

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**AI TAKAMUL COMPANY FOR ENGINEERING TESTS
AND PROFESSIONAL SAFETY LIMITED**
Basra, North Rumaila, Quality Control Yard - Iraq



CERTIFICATION OF VISUAL, THOROUGH EXAMINATION & MAGNETIC PARTICLE INSPECTION									
Client:	TAREEQ-AL-SALEM				Report No:	QC/24/TAS-JUL-012			
Location:	TSS BACK YARD				Job Number:	QC/24/TAS-001			
Inspection Date:	Thursday, July 4, 2024				Next Inspection Date:	Thursday, July 3, 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" CLASS '600 BALLON VALVE			
					UNIT S/N:	FB7017-09			
					SEPARATOR S.NO:	SEPL-U207			
					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	unit found satisfactory and free of defects at the time of inspection			
					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:		SENIOR INSPECTOR:	NAVEED HUSSAIN
S.No:	1657	S.No:	2722003	S.No:	201504052				
Cal Due Date:	14-Oct-24	Cal Due Date:	16-Oct-24	Cal Due Date:	14-Oct-24	QUALIFICATION:		SUPERVISOR:	HANI ALI
Black Magnetic Ink Manufacture:	Magnaflux	Batch No:	220605	Expiry Date:	JULY,2025	STAMP & SIGNATURE:		CLIENT:	
Whie Contrast Paint Manufacture:	Magnaflux	Batch No:	220602	Expiry Date:	JUN,2025				
Technical Details:		Magnetic Partical Concentration		Method		WMPT Light Intensity			
		1.2 to 2.4 ml/100 ml		Wet Magnetic Particle Testing (WMPT)		3630 Lux			

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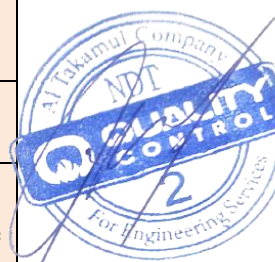
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AND PROFESSIONAL SAFETY LIMITED**
Basra, North Rumaila, Quality Control Yard - Iraq



CERTIFICATION OF VISUAL, THOROUGH EXAMINATION & MAGNETIC PARTICLE INSPECTION									
Client:	TAREEQ-AL-SALEM				Report No:	QC/24/TAS-JUL-013			
Location:	TSS BACK YARD				Job Number:	QC/24/TAS-001			
Inspection Date:	Thursday, July 4, 2024				Next Inspection Date:	Thursday, July 3, 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" CLASS '600 BALLON VALVE			
					UNIT S/N:	FB7017-10			
					SEPARATOR S.NO:	SEPL-U207			
					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	unit found satisfactory and free of defects at the time of inspection			
					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:		SENIOR INSPECTOR:	NAVEED HUSSAIN
S.No:	1657	S.No:	2722003	S.No:	201504052				
Cal Due Date:	14-Oct-24	Cal Due Date:	16-Oct-24	Cal Due Date:	14-Oct-24	QUALIFICATION:		SUPERVISOR:	HANI ALI
Black Magnetic Ink Manufacture:	Magnaflux	Batch No:	220605	Expiry Date:	JULY,2025	ASNT LEVEL II MT & PT & VT			
Whie Contrast Paint Manufacture:	Magnaflux	Batch No:	220602	Expiry Date:	JUN,2025				
Technical Details:	Magnetic Partical Concentration		Method		WMPT Light Intensity	STAMP & SIGNATURE:		CLIENT:	
	1.2 to 2.4 ml/100 ml		Wet Magnetic Particle Testing (WMPT)		3630 Lux				

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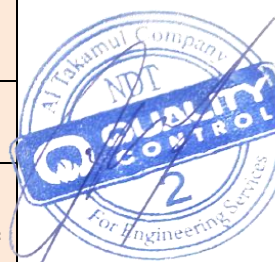
Address: Noth Rumaila, AI Takamul Yard
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Basra, North Rumaila, Quality Control Yard - Iraq



CERTIFICATION OF VISUAL, THOROUGH EXAMINATION & MAGNETIC PARTICLE INSPECTION											
Client:		TAREEQ-AL-SALEM				Report No:		QC/24/TAS-JUL-014			
Location:		TSS BACK YARD				Job Number:		QC/24/TAS-001			
Inspection Date:		Thursday, July 4, 2024				Next Inspection Date:		Thursday, July 3, 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" CLASS '600 BALLON VALVE			
						UNIT S/N:		FB7017-06			
						SEPARATOR S.NO:		SEPL-U207			
						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		unit found satisfactory and free of defects at the time of inspection									
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						
Cal Due Date:	14-Oct-24	Cal Due Date:	16-Oct-24	Cal Due Date:	14-Oct-24	QUALIFICATION: ASNT LEVEL II MT & PT & VT			SUPERVISOR: HANI ALI		
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: 			CLIENT:		
Technical Details:		Magnetic Partical Concentration		Method							
		1.2 to 2.4 ml/100 ml		Wet Magnetic Particle Testing (WMPT)		3630 Lux					

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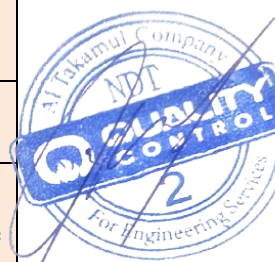
Address: Noth Rumaila, Al Takamul Yard
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Basra, North Rumaila, Quality Control Yard - Iraq



CERTIFICATION OF VISUAL, THOROUGH EXAMINATION & MAGNETIC PARTICLE INSPECTION									
Client:	TAREEQ-AL-SALEM				Report No:	QC/24/TAS-JUL-015			
Location:	TSS BACK YARD				Job Number:	QC/24/TAS-001			
Inspection Date:	Thursday, July 4, 2024				Next Inspection Date:	Thursday, July 3, 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" CLASS '600 BALLON VALVE			
					UNIT S/N:	FB7117-14			
					SEPARATOR S.NO:	SEPL-U207			
					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	unit found satisfactory and free of defects at the time of inspection			
					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:		SENIOR INSPECTOR:	NAVEED HUSSAIN
S.No:	1657	S.No:	2722003	S.No:	201504052				
Cal Due Date:	14-Oct-24	Cal Due Date:	16-Oct-24	Cal Due Date:	14-Oct-24	QUALIFICATION:		SUPERVISOR:	HANI ALI
Black Magnetic Ink Manufacture:		Magnaflux	Batch No:	220605	Expiry Date:	JULY,2025	STAMP & SIGNATURE:	CLIENT:	
Whie Contrast Paint Manufacture:		Magnaflux	Batch No:	220602	Expiry Date:	JUN,2025			
Technical Details:		Magnetic Partical Concentration		Method		WMPT Light Intensity			
		1.2 to 2.4 ml/100 ml		Wet Magnetic Particle Testing (WMPT)		3630 Lux			

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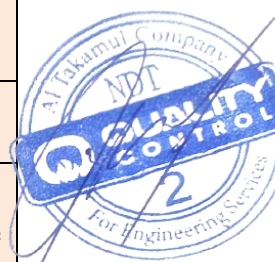
Address: Noth Rumaila, AI Takamul Yard
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CERTIFICATION OF VISUAL, THOROUGH EXAMINATION & MAGNETIC PARTICLE INSPECTION											
Client:		TAREEQ-AL-SALEM				Report No:		QC/24/TAS-JUL-016			
Location:		TSS BACK YARD				Job Number:		QC/24/TAS-001			
Inspection Date:		Thursday, July 4, 2024				Next Inspection Date:		Thursday, July 3, 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" CLASS '600 BALLON VALVE			
						UNIT S/N:		FB7117-11			
						SEPARATOR S.NO:		SEPL-U207			
						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		unit found satisfactory and free of defects at the time of inspection									
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						
Cal Due Date:	14-Oct-24	Cal Due Date:	16-Oct-24	Cal Due Date:	14-Oct-24	QUALIFICATION: ASNT LEVEL II MT & PT & VT			SUPERVISOR: HANI ALI		
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: 			CLIENT:		
Technical Details:		Magnetic Partical Concentration		Method							
		1.2 to 2.4 ml/100 ml		Wet Magnetic Particle Testing (WMPT)		3630 Lux					

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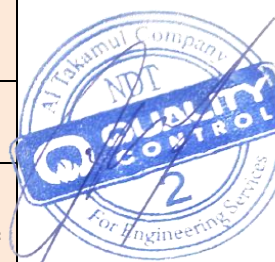
Address: Noth Rumaila, Al Takamul Yard
Contact: +9647810009138

Tel: +9647810009138 / +9647834964657

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

**AI TAKAMUL COMPANY FOR ENGINEERING TESTS
AND PROFESSIONAL SAFETY LIMITED**
Basra, North Rumaila, Quality Control Yard - Iraq



CERTIFICATION OF VISUAL, THOROUGH EXAMINATION & MAGNETIC PARTICLE INSPECTION											
Client:		TAREEQ-AL-SALEM				Report No:		QC/24/TAS-JUL-017			
Location:		TSS BACK YARD				Job Number:		QC/24/TAS-001			
Inspection Date:		Thursday, July 4, 2024				Next Inspection Date:		Thursday, July 3, 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" CLASS '600 BALLON VALVE			
						UNIT S/N:		FB7117-FS			
						SEPARATOR S.NO:		SEPL-U207			
						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		unit found satisfactory and free of defects at the time of inspection									
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						
Cal Due Date:	14-Oct-24	Cal Due Date:	16-Oct-24	Cal Due Date:	14-Oct-24	QUALIFICATION: ASNT LEVEL II MT & PT & VT			SUPERVISOR: HANI ALI		
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: 			CLIENT:		
Technical Details:		Magnetic Partical Concentration		Method							
		1.2 to 2.4 ml/100 ml		Wet Magnetic Particle Testing (WMPT)		3630 Lux					

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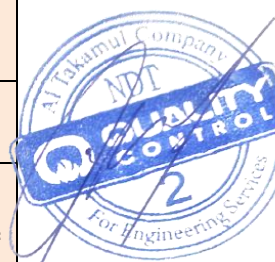
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**AI TAKAMUL COMPANY FOR ENGINEERING TESTS
AND PROFESSIONAL SAFETY LIMITED**
Basra, North Rumaila, Quality Control Yard - Iraq



CERTIFICATION OF VISUAL, THOROUGH EXAMINATION & MAGNETIC PARTICLE INSPECTION											
Client:		TAREEQ-AL-SALEM				Report No:		QC/24/TAS-JUL-018			
Location:		TSS BACK YARD				Job Number:		QC/24/TAS-001			
Inspection Date:		Thursday, July 4, 2024				Next Inspection Date:		Thursday, July 3, 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" CLASS '600 BALLON VALVE			
						UNIT S/N:		FB7117-13			
						SEPARATOR S.NO:		SEPL-U207			
						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		unit found satisfactory and free of defects at the time of inspection			
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						
Cal Due Date:	14-Oct-24	Cal Due Date:	16-Oct-24	Cal Due Date:	14-Oct-24	QUALIFICATION: ASNT LEVEL II MT & PT & VT			SUPERVISOR: HANI ALI		
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: 			CLIENT:		
Technical Details:	Magnetic Partical Concentration		Method		WMPT Light Intensity						
	1.2 to 2.4 ml/100 ml		Wet Magnetic Particle Testing (WMPT)		3630 Lux						

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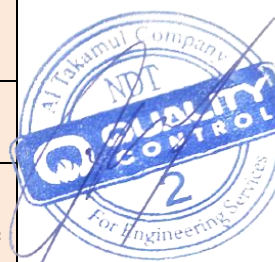
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**AI TAKAMUL COMPANY FOR ENGINEERING TESTS
AND PROFESSIONAL SAFETY LIMITED**
Basra, North Rumaila, Quality Control Yard - Iraq



CERTIFICATION OF VISUAL, THOROUGH EXAMINATION & MAGNETIC PARTICLE INSPECTION											
Client:		TAREEQ-AL-SALEM				Report No:		QC/24/TAS-JUL-019			
Location:		TSS BACK YARD				Job Number:		QC/24/TAS-001			
Inspection Date:		Thursday, July 4, 2024				Next Inspection Date:		Thursday, July 3, 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" CLASS '600 BALLON VALVE			
						UNIT S/N:		FB7118-07			
						SEPARATOR S.NO:		SEPL-U207			
						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		unit found satisfactory and free of defects at the time of inspection									
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						
Cal Due Date:	14-Oct-24	Cal Due Date:	16-Oct-24	Cal Due Date:	14-Oct-24	QUALIFICATION: ASNT LEVEL II MT & PT & VT			SUPERVISOR: HANI ALI		
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: 			CLIENT:		
Technical Details:	Magnetic Partical Concentration		Method		WMPT Light Intensity						
	1.2 to 2.4 ml/100 ml		Wet Magnetic Particle Testing (WMPT)		3630 Lux						

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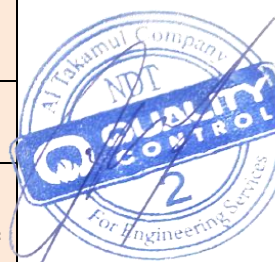
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Basra, North Rumaila, Quality Control Yard - Iraq



CERTIFICATION OF VISUAL, THOROUGH EXAMINATION & MAGNETIC PARTICLE INSPECTION									
Client:	TAREEQ-AL-SALEM				Report No:	QC/24/TAS-JUL-020			
Location:	TSS BACK YARD				Job Number:	QC/24/TAS-001			
Inspection Date:	Thursday, July 4, 2024				Next Inspection Date:	Thursday, July 3, 2025			
Type Of Inspection:	VISUAL , THOROUGH EXAMINATION & MAGNETIC PARTICLE INSPECTION				Specification:	ASTM E709 & ASTM E 1444 (2016) ASME V Article 7 (2019)			
					UNIT DESCRIPTION:	1" CLASS '600 BALLON VALVE			
					UNIT S/N:	FB70415-01			
					SEPARATOR S.NO:	SEPL-U207			
					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	unit found satisfactory and free of defects at the time of inspection			
					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:		SENIOR INSPECTOR:	NAVEED HUSSAIN
S.No:	1657	S.No:	2722003	S.No:	201504052				
Cal Due Date:	14-Oct-24	Cal Due Date:	16-Oct-24	Cal Due Date:	14-Oct-24	QUALIFICATION:		SUPERVISOR:	HANI ALI
Black Magnetic Ink Manufacture:	Magnaflux	Batch No:	220605	Expiry Date:	JULY,2025	MT & PT & VT			
Whie Contrast Paint Manufacture:	Magnaflux	Batch No:	220602	Expiry Date:	JUN,2025				
Technical Details:		Magnetic Partical Concentration		Method		WMPT Light Intensity		STAMP & SIGNATURE:	CLIENT:
		1.2 to 2.4 ml/100 ml		Wet Magnetic Particle Testing (WMPT)		3630 Lux			

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Basra, North Rumaila, Quality Control Yard - Iraq



CERTIFICATION OF VISUAL, THOROUGH EXAMINATION & MAGNETIC PARTICLE INSPECTION									
Client:	TAREEQ-AL-SALEM				Report No:	QC/24/TAS-JUL-021			
Location:	TSS BACK YARD				Job Number:	QC/24/TAS-001			
Inspection Date:	Thursday, July 4, 2024				Next Inspection Date:	Thursday, July 3, 2025			
Type Of Inspection:	VISUAL , THOROUGH EXAMINATION & MAGNETIC PARTICLE INSPECTION				Specification:	ASTM E709 & ASTM E 1444 (2016) ASME V Article 7 (2019)			
					UNIT DESCRIPTION:	1" CLASS '600 BALLON VALVE			
					UNIT S/N:	FB70415-08			
					SEPARATOR S.NO:	SEPL-U207			
					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	unit found satisfactory and free of defects at the time of inspection			
					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:		SENIOR INSPECTOR:	NAVEED HUSSAIN
S.No:	1657	S.No:	2722003	S.No:	201504052				
Cal Due Date:	14-Oct-24	Cal Due Date:	16-Oct-24	Cal Due Date:	14-Oct-24	QUALIFICATION:		SUPERVISOR:	HANI ALI
Black Magnetic Ink Manufacture:	Magnaflux	Batch No:	220605	Expiry Date:	JULY,2025	MT & PT & VT			
Whie Contrast Paint Manufacture:	Magnaflux	Batch No:	220602	Expiry Date:	JUN,2025				
Technical Details:		Magnetic Partical Concentration		Method		WMPT Light Intensity		STAMP & SIGNATURE:	CLIENT:
		1.2 to 2.4 ml/100 ml		Wet Magnetic Particle Testing (WMPT)		3630 Lux			

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Basra, North Rumaila, Quality Control Yard - Iraq



CERTIFICATION OF VISUAL, THOROUGH EXAMINATION & MAGNETIC PARTICLE INSPECTION									
Client:	TAREEQ-AL-SALEM				Report No:	QC/24/TAS-JUL-022			
Location:	TSS BACK YARD				Job Number:	QC/24/TAS-001			
Inspection Date:	Thursday, July 4, 2024				Next Inspection Date:	Thursday, July 3, 2025			
Type Of Inspection:	VISUAL , THOROUGH EXAMINATION & MAGNETIC PARTICLE INSPECTION				Specification:	ASTM E709 & ASTM E 1444 (2016) ASME V Article 7 (2019)			
					UNIT DESCRIPTION:	1" CLASS '600 BALLON VALVE			
					UNIT S/N:	FB70415-05			
					SEPARATOR S.NO:	SEPL-U207			
					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	unit found satisfactory and free of defects at the time of inspection			
					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:		SENIOR INSPECTOR:	NAVEED HUSSAIN
S.No:	1657	S.No:	2722003	S.No:	201504052				
Cal Due Date:	14-Oct-24	Cal Due Date:	16-Oct-24	Cal Due Date:	14-Oct-24	QUALIFICATION:		SUPERVISOR:	HANI ALI
Black Magnetic Ink Manufacture:	Magnaflux	Batch No:	220605	Expiry Date:	JULY,2025	MT & PT & VT			
Whie Contrast Paint Manufacture:	Magnaflux	Batch No:	220602	Expiry Date:	JUN,2025				
Technical Details:		Magnetic Partical Concentration		Method		WMPT Light Intensity		STAMP & SIGNATURE:	CLIENT:
		1.2 to 2.4 ml/100 ml		Wet Magnetic Particle Testing (WMPT)		3630 Lux			

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CERTIFICATION OF VISUAL, THOROUGH EXAMINATION & MAGNETIC PARTICLE INSPECTION

Client:	TAREEQ-AL-SALEM	Report No:	QC/24/TAS-JUL-023
Location:	TSS BACK YARD	Job Number:	QC/24/TAS-001
Inspection Date:	Thursday, July 4, 2024	Next Inspection Date:	Friday, January 3, 2025
Type Of Inspection:	VISUAL , THOROUGH EXAMINATION & MAGNETIC PARTICLE INSPECTION		Specification: ASTM E709 & ASTM E 1444 (2016) ASME V Article 7 (2019)

	UNIT DESCRIPTION:	X-OVER: 3" 206 W X 4" 206 TH
	S/NO:	X-29
	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 & Welding 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: 3041 µw/cm²	INSPECTOR NAME:	USMAN SHABBAR	SENIOR INSPECTOR:	NAVEED HUSSAIN
S.NO:	201504052	S.NO:	22650	S.NO:	1898977	QUALIFICATION:	ASNT LEVEL II MT & PT & VT	SUPERVISOR:	HANI ALI
Cal Due Date:	14.OCT.2024	Cal Due Date:	15.OCT.2024	Cal Due Date:	14.OCT.2024	STAMP & SIGNATURE: 		CLIENT:	
FLUORESCENT 14HF	Magnaflux	Batch No:	220306	EXPIRE DATE:	MARCH,2025				
White Contrast Paint Manufacture:	Magnaflux	Batch No:	220602	EXPIRE DATE:	JUN,2025				
TECHNICAL DETAILS									
Digital Lux Meter WHITE LIGHT INTENSITY:					Black Magnetic Ink Manufacture:7HF				
3620 Lux/S.NO:2722003	Wet FLUORESCENT Particle Concentration 14 HF		0.1 to 0.4 ml/100 ml		Batch No:220605				
Cal Due Date:16.OCT.2024	Black Magnetic Ink Concentration 7 HF		1.2 to 2.4 ml/100 ml		EXPIRE DATE:	Jul-25			

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Basra, North Rumaila, Quality Control Yard - Iraq



CERTIFICATION OF VISUAL, THOROUGH EXAMINATION & MAGNETIC PARTICLE INSPECTION

Client:	TAREEQ-AL-SALEM	Report No:	QC/24/TAS-JUL-024						
Location:	TSS BACK YARD	Job Number:	QC/24/TAS-001						
Inspection Date:	Thursday, July 4, 2024	Next Inspection Date:	Friday, January 3, 2025						
Type Of Inspection:	VISUAL , THOROUGH EXAMINATION & MAGNETIC PARTICLE INSPECTION		Specification: ASTM E709 & ASTM E 1444 (2016) ASME V Article 7 (2019)						
		UNIT DESCRIPTION:	X-OVER: 4" 206 WING X 3" 206 TH						
		S/NO:	X-29						
		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 & Welding 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: 3041 $\mu\text{w}/\text{cm}^2$	INSPECTOR NAME:	USMAN SHABBIR	SENIOR INSPECTOR:	NAVEED HUSSAIN
S.NO:	201504052	S.NO:	22650	S.NO:	1898977	QUALIFICATION:	ASNT LEVEL II MT & PT & VT	SUPERVISOR:	HANI ALI
Cal Due Date:	14.OCT.2024	Cal Due Date:	15.OCT.2024	Cal Due Date:	14.OCT.2024			CLIENT:	
FLUORESCENT 14HF	Magnaflux	Batch No:	220306	EXPIRE DATE:	MARCH,2025				
White Contrast Paint Manufacture:	Magnaflux	Batch No:	220602	EXPIRE DATE:	JUN,2025				
TECHNICAL DETAILS					Black Magnetic Ink Manufacture:7HF				
Digital Lux Meter WHITE LIGHT INTENSITY:					Batch No:220605				
3620 Lux/S.NO:2722003	Wet FLUORESCENT Particle Concentration 14 HF		0.1 to 0.4 ml/100 ml						
Cal Due Date:16.OCT.2024	Black Magnetic Ink Concentration 7 HF		1.2 to 2.4 ml/100 ml		EXPIRE DATE:	Jul-25			

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Basra, North Rumaila, Quality Control Yard - Iraq



CERTIFICATION OF VISUAL, THOROUGH EXAMINATION & MAGNETIC PARTICLE INSPECTION

Client:	TAREEQ-AL-SALEM	Report No:	QC/24/TAS-JUL-025						
Location:	TSS BACK YARD	Job Number:	QC/24/TAS-001						
Inspection Date:	Thursday, July 4, 2024	Next Inspection Date:	Friday, January 3, 2025						
Type Of Inspection:	VISUAL , THOROUGH EXAMINATION & MAGNETIC PARTICLE INSPECTION		Specification: ASTM E709 & ASTM E 1444 (2016) ASME V Article 7 (2019)						
		UNIT DESCRIPTION:	X-OVER: 2" 1502 TH X 4" 206 TH						
		S/NO:	X-40						
		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 & Welding 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: 3041 µw/cm²	INSPECTOR NAME:	USMAN SHABBIR	SENIOR INSPECTOR:	NAVEED HUSSAIN
S.NO:	201504052	S.NO:	22650	S.NO:	1898977	QUALIFICATION:	ASNT LEVEL II MT & PT & VT	SUPERVISOR:	HANI ALI
Cal Due Date:	14.OCT.2024	Cal Due Date:	15.OCT.2024	Cal Due Date:	14.OCT.2024			CLIENT:	
FLUORESCENT 14HF	Magnaflux	Batch No:	220306	EXPIRE DATE:	MARCH,2025				
White Contrast Paint Manufacture:	Magnaflux	Batch No:	220602	EXPIRE DATE:	JUN,2025				
TECHNICAL DETAILS					Black Magnetic Ink Manufacture: 7HF				
Digital Lux Meter WHITE LIGHT INTENSITY:					Batch No: 220605				
3620 Lux/S.NO: 2722003	Wet FLUORESCENT Particle Concentration 14 HF		0.1 to 0.4 ml/100 ml						
Cal Due Date: 16.OCT.2024	Black Magnetic Ink Concentration 7 HF		1.2 to 2.4 ml/100 ml		EXPIRE DATE:	Jul-25			

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CERTIFICATION OF VISUAL THOROUGH EXAMINATION & MAGNETIC PARTICLE INSPECTION

Client:	TAREEQ-AL-SALEM	Report No:	QC/24/TAS-JUL-026			
Location:	TSS BACK YARD	Job Number:	QC/24/TAS-001			
Date:	Thursday, July 4, 2024	Next Inspection Date:	Friday, January 3, 2025			
Type Of Inspection:	VISUAL , THOROUGH EXAMINATION & MAGNETIC PARTICLE INSPECTION	Specification:	ASTM E709 & ASTM E 1444 (2016) ASME V Article 7 (2019)			
		UNIT DESCRIPTION:		SEPERATOR PAD EYES		
		UNIT S/N:		SEPL-U207		
		UNIT DIM:		4.8M L X 2.4M W X 2.7M H		
		PAD EYES S/N	QTY	PADEYE DIM	PADEYE SWL	UNIT MGW
		S01	4	Thickness :- 40 mm		
		S02		Pin Hole :- 25 mm		
		S03		Length :- 200 mm		
		S04		Height :- 200 mm		
INSPECTION RESULT :						
VISUAL , THOROUGH EXAMINATION			Unit fully inspected and found free from deforms, cracks, corrosion & mechanical damage			
MAGNETIC PARTICLE INSPECTION			Weldings associate with padeyes and critical areas are inspected and found free from cracks and other defects			
FINAL RESULTS			unit found satisfactory and free of defects at the time of inspection			
COMMENT:						
Magnetic Particle Inspection With A/C Hand Yoke , Black & White Contrast						

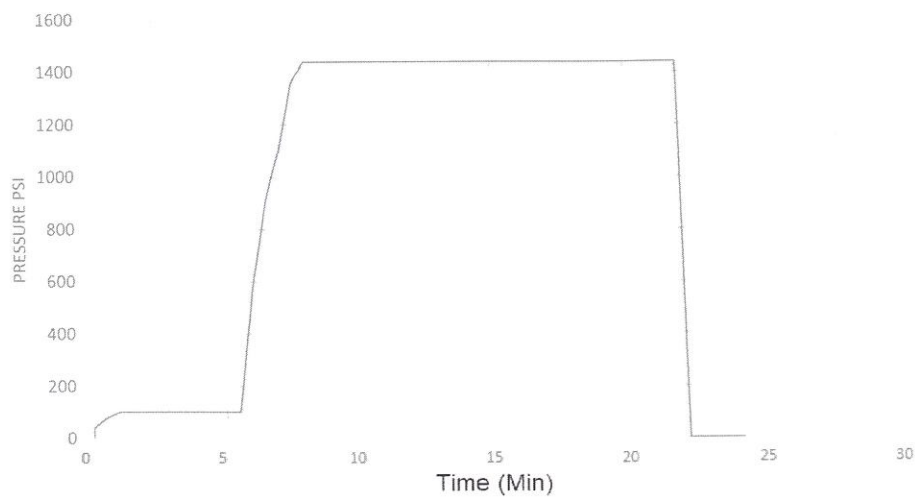
EQUIPMENT DETAILS						PERSON DETAILS		REVIEW BY		
Equipment:	AC-Yoke Test Block	Equipment:	Digital Lux Meter	Equipment:	AC/DC Yoke	INSPECTOR NAME: M.Shahzad Ahmed		SENIOR INSPECTOR:	ASHRAF ELSAID	
S.No:	1657	S.No:	2722003	S.No:	201504052					
Cal Due Date:	14-Oct-24	Cal Due Date:	16-Oct-24	Cal Due Date:	14-Oct-24					
Black Magnetic Ink Manufacture:		Magnaflux	Batch No:	220605	Expiry Date:	JULY.2025		QUALIFICATION ASNT LEVEL II MT & PT & VT	SUPERVISOR:	HANI ALI
Whie Contrast Paint Manufacture:		Magnaflux	Batch No:	220602	Expiry Date:	JUN,2025				
Technical Details:		Magnetic Partical Concentration		Method		WMPT Light Intensity		STAMP & SIGNATURE:	CLIENT:	
		1.2 to 2.4 ml/100 ml		Wet Magnetic Particle Testing (WMPT)		3680 Lux				
Original - Client Files		Conv - Area Office		OC/FN/MPI/065 Rev.00		DATED 07 Nov 2021				

Data Collection Report

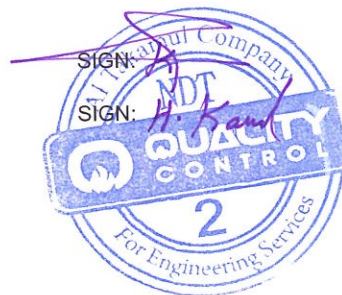
Gauge Information	
Serial Number	468066
Model	XP2I
Message Store	TSS test area
Units	PSI
SCALE	15000 PSI

Run Info	
Start Time	8:56 AM
Stop Time	9:19 AM
Test Date	8-Jul-24
EQ NUMBER	SEPL-U207
LAST CALIB	2.Aug.2023

READING



TESTED BY : Khaldoon Asad
APPROVED BY: Hassan Kamel
COMMENTS: All valves has been tested

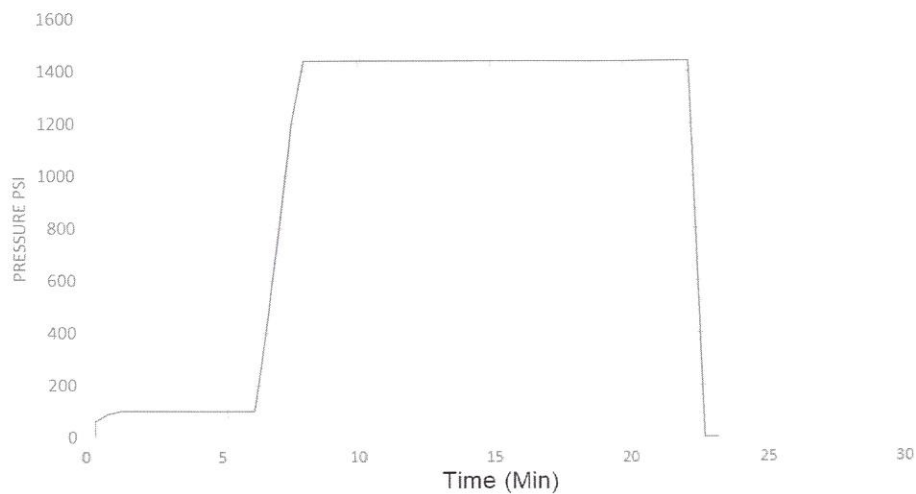


Data Collection Report

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

Run Info	
Start Time	8:30 AM
Stop Time	8:53 AM
Test Date	8-Jul-24
EQ NUMBER	SEPL-U207
LAST CALIB	2.Aug.2023

READING



TESTED BY : Khaldoon Asad
APPROVED BY: Hassan Kamel
COMMENTS: Body Test

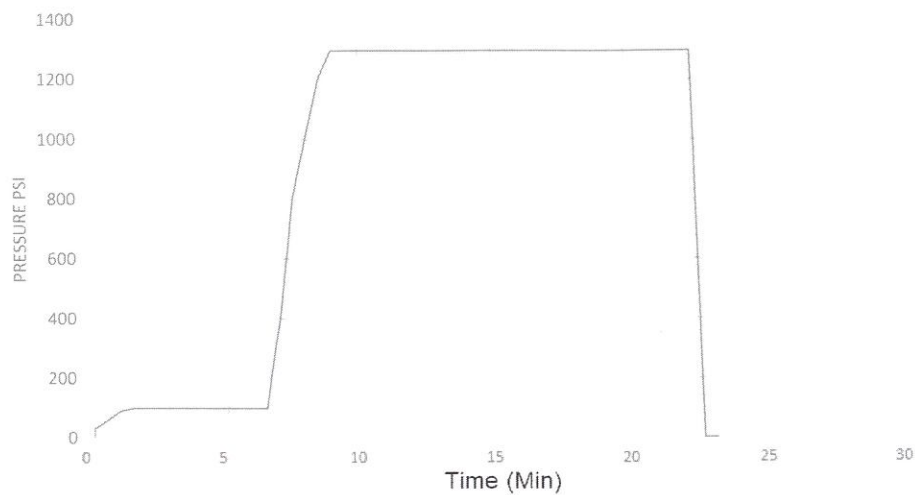


Data Collection Report

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	8-Jul-24
EQ NUMBER	SEPL-U207
LAST CALIB	2.Aug.2023

READING



TESTED BY : Khaldoon Asad
APPROVED BY: Hassan Kamel
COMMENTS: Body Test with PRV's

