

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

Basra, North Rumaila, Quality Control Yard - Iraq

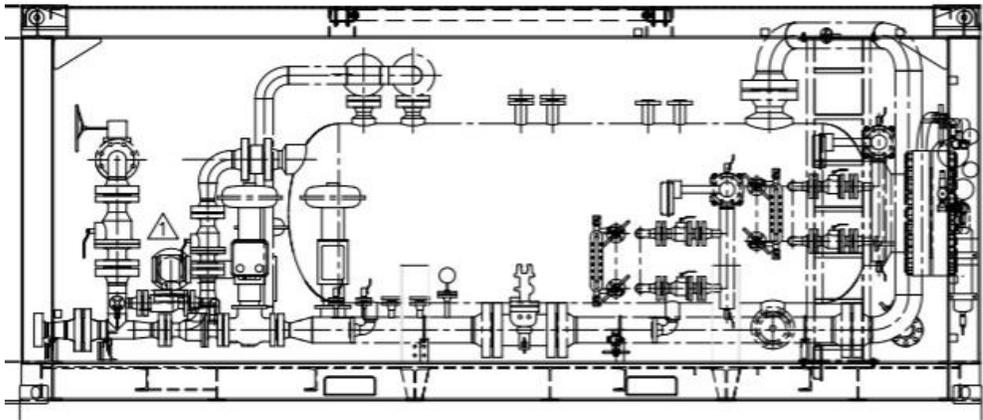


**CERTIFICATE OF QUALIFICATION VISUAL AND WITNESS PRESSURE TEST**

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 300 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 300 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 300 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

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

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

**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

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				
	120°	240°	360°	50 MM				
SHELL C	49.38	48.33	48.17					
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**

<b>VT &amp; MPI</b>	Accepted	According to ASME SECTION VIII DIV 1
<b>UT</b>	Accepted	According to ASME SECTION VIII DIV 1 Latest Edition & Manufacturing Date Book
<b>BODY</b>	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**

<b>AC YOKE S.N:</b>	201504052	<b>CAL DUE DATE</b>	14-Oct-24	White Contrast WCF 2	<b>MANUFACTURE</b>	<b>BATCH NO</b>	<b>EXPIRE DATE</b>
<b>Digital Lux Meter WHITE LIGHT</b>	2722003	<b>CAL DUE DATE</b>	16-Oct-24		Magnaflux	220602	JUN,2025
<b>UT THICKNESS GAUGE:</b>	3997	<b>CAL DUE DATE</b>	14-Oct-24	Black Magnetic Ink 7HF	<b>MANUFACTURE</b>	<b>BATCH NO</b>	<b>EXPIRE DATE</b>
<b>UT TEST BLOCK:</b>	NoBo5087	<b>CAL DUE DATE</b>	15-Oct-24		Magnaflux	220605	JULY,2025
<b>ASTM Test Block:</b>	1657	<b>CAL DUE DATE</b>	14-Oct-24	Flourescent Magnetic Ink 7HF	1.2 to 2.4 ml/100 ml		
<b>WHITE LIGHT INTENSITY:</b>	3680 lux						

**PERSON DETAILS**

**REVIEW BY**

<b>INSPECTOR NAME:</b>	M. Shaleed Al...	<b>SENIOR INSPECTOR:</b>	NAVEED HUSSAIN	<b>CLIENT:</b>	
<b>QUALIFICATION:</b>	ASNT I L E M I T T U	<b>INSPECTION SUPERVISOR:</b>	HANI ALI	<b>HBASIGN</b>	
<b>SIGNATURE &amp; STAMP:</b>				<b>DATE:</b>	

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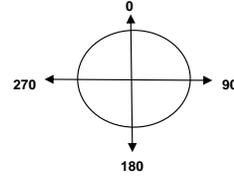


**CERTIFICATE OF QUALIFICATION VISUAL AND MAGNETIC PARTICLE INSPECTION AND ULTRASONIC THICKNESS GAUGING**

THIS REPORT COMPLIES WITH RECOGNIZED INTERNATIONAL STANDARDS & TECHNICAL REQUIREMENTS

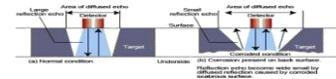
<b>CLIENT:</b>	<b>TAREEQ-AL-SALEM</b>	<b>REPORT No.:</b>	QC-24-07-TAS-NDT-002
<b>LOCATION:</b>	<b>TSS BACK YARD</b>	<b>JOB NO :</b>	QC-24-07-TAS-001
<b>WORK ORDER #</b>	-	<b>SPECIFICATION:</b>	ASME SECTION VIII DIV 1 Latest Edition Manufacturing Date Book
<b>INSPECTION DATE:</b>	Thursday, July 4, 2024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

**INSPECTION DETAILS**



**ONLINE TRACEABILITY**

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



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**

<b>VT &amp; MPI</b>	Accepted	According to ASME SECTION VIII DIV 1
<b>UT</b>	Accepted	According to ASME SECTION VIII DIV 1 Latest Edition & Manufacturing Date Book
<b>BODY</b>	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**

<b>INSPECTOR NAME:</b>	M.Shahad Ahmed	<b>SENIOR INSPECTOR:</b>	NAVERD HUSSAIN	<b>CLIENT:</b>	
<b>QUALIFICATION:</b>		<b>INSPECTION SUPERVISOR:</b>	HANI ALI	<b>HBASIGN</b>	
<b>SIGNATURE &amp; STAMP:</b>				<b>DATE:</b>	



# AI TAKAMUL COMPANY FOR ENGINEERING TESTS AND PROFESSIONAL SAFETY LIMITED

Basra, North Rumaila, Quality Control Yard - Iraq

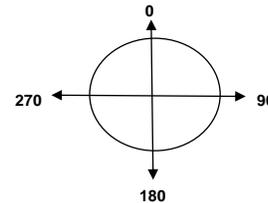


## CERTIFICATE OF QUALIFICATION VISUAL AND MAGNETIC PARTICLE INSPECTION AND ULTRASONIC THICKNESS GAUGING

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

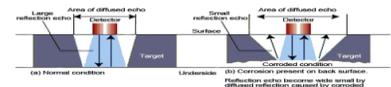


A:12'O CLOCK / FORWARD  
B:3'O CLOCK / CENTER  
C:6'O CLOCK / AFT

\* 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 Discontinuities 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	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



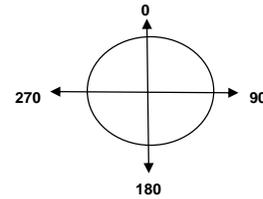
## CERTIFICATE OF QUALIFICATION VISUAL AND MAGNETIC PARTICLE INSPECTION AND ULTRASONIC THICKNESS GAUGING

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		

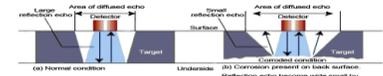
DESCRIPTION:	SEPEARATOR RELIEF LINE	MANUFACTURER SERIAL NO:	SEPL-U207
MANUFACTURER:	SPARKLET ENGINEERS PRIVATE LIMITED		

### INSPECTION DETAILS



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	9.72	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	HB&SIGN	
SIGNATURE & STAMP:				DATE:	

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Basra, North Rumaila, Quality Control Yard - Iraq

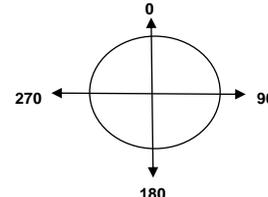


## CERTIFICATE OF QUALIFICATION VISUAL AND MAGNETIC PARTICLE INSPECTION AND ULTRASONIC THICKNESS GAUGING

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

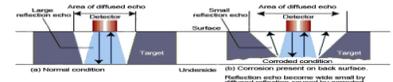


A:12'O CLOCK / FORWARD  
B:3'O CLOCK / CENTER  
C :6'O CLOCK / AFT

\* 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 Discontinuities 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	HB&SIGN	
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



**CERTIFICATION OF VISUAL, THOROUGH EXAMINATION & MAGNETIC PARTICLE INSPECTION**

<b>Client:</b>	TAREEQ-AL-SALEM	<b>Report No:</b>	QC/24/TAS-JUL-008	
<b>Location:</b>	TSS BACK YARD	<b>Job Number:</b>	QC/24/TAS-001	
<b>Inspection Date:</b>	Thursday, July 4, 2024	<b>Next Inspection Date:</b>	Thursday, July 3, 2025	
<b>Type Of Inspection:</b>	VISUAL , THOROUGH EXAMINATION & MAGNETIC PARTICLE INSPECTION		<b>Specification:</b>	ASTM E709 & ASTM E 1444 (2016) ASME V Article 7 (2019)
		<b>UNIT DESCRIPTION:</b>	1" CLASS '600 BALLON VALVE	
		<b>UNIT S/N:</b>	FB70206	
		<b>SEPARATOR SAP NO:</b>	SEPL-U207	
		<b>INSPECTION RESULT :</b>		
		<b>VISUAL , THOROUGH EXAMINATION</b>	VISUAL & MAGNETIC PARTICLE INSPECTION ( M.P.I. ) HAD BEEN DONE ON THE AVAILABLE AREAS FOR THE ABOVE DESCRIPTION	
<b>MAGNETIC PARTICLE INSPECTION</b>	Available critical areas inspected and found free from cracks and other defects			
<b>FINAL RESULTS</b>	unit found satisfactory and free of defects at the time of inspection			
<b>COMMENT:</b>				
Magnetic Particle Inspection With A/C Hand Yoke , Black & White Contrast				

EQUIPMENT DETAILS						PERSON DETAILS		REVIEW BY	
<b>Equipment:</b>	AC-Yoke Test Block	<b>Equipment:</b>	Digital Lux Meter	<b>Equipment:</b>	AC/DC Yoke	<b>INSPECTOR NAME:</b> M.SHAHZAD AHMED		<b>SENIOR INSPECTOR:</b>	NAVEED HUSSAIN
<b>S.No:</b>	1657	<b>S.No:</b>	2722003	<b>S.No:</b>	201504052			<b>QUALIFICATION:</b> ASNT LEVEL II MT & PT & VT	<b>SUPERVISOR:</b>
<b>Cal Due Date:</b>	14-Oct-24	<b>Cal Due Date:</b>	16-Oct-24	<b>Cal Due Date:</b>	14-Oct-24	<b>STAMP &amp; SIGNATURE:</b>		<b>CLIENT:</b>	
<b>Black Magnetic Ink Manufacture:</b>	Magnaflux	<b>Batch No:</b>	220605	<b>Expiry Date:</b>	JULY,2025				
<b>Whie Contrast Paint Manufacture:</b>	Magnaflux	<b>Batch No:</b>	220602	<b>Expiry Date:</b>	JUN,2025				
<b>Technical Details:</b>	<b>Magnetic Partical Concentration</b>		<b>Method</b>		<b>WMPT Light Intensity</b>				
	1.2 to 2.4 ml/100 ml		Wet Magnetic Particle Testing (WMPT)		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**

<b>Client:</b>	TAREEQ-AL-SALEM	<b>Report No:</b>	QC/24/TAS-JUL-009	
<b>Location:</b>	TSS BACK YARD	<b>Job Number:</b>	QC/24/TAS-001	
<b>Inspection Date:</b>	Thursday, July 4, 2024	<b>Next Inspection Date:</b>	Thursday, July 3, 2025	
<b>Type Of Inspection:</b>	VISUAL , THOROUGH EXAMINATION & MAGNETIC PARTICLE INSPECTION		<b>Specification:</b>	ASTM E709 & ASTM E 1444 (2016) ASME V Article 7 (2019)
		<b>UNIT DESCRIPTION:</b>	1" CLASS '600 BALLON VALVE	
		<b>UNIT S/N:</b>	FB70007	
		<b>SEPARATOR S.NO:</b>	SEPL-U207	
		<b>INSPECTION RESULT :</b>		
		<b>VISUAL , THOROUGH EXAMINATION</b>	VISUAL & MAGNETIC PARTICLE INSPECTION ( M.P.I. ) HAD BEEN DONE ON THE AVAILABLE AREAS FOR THE ABOVE DESCRIPTION	
<b>MAGNETIC PARTICLE INSPECTION</b>	Available critical areas inspected and found free from cracks and other defects			
<b>FINAL RESULTS</b>	unit found satisfactory and free of defects at the time of inspection			
<b>COMMENT:</b>		Magnetic Particle Inspection With A/C Hand Yoke , Black & White Contrast		
				

EQUIPMENT DETAILS						PERSON DETAILS		REVIEW BY	
<b>Equipment:</b>	AC-Yoke Test Block	<b>Equipment:</b>	Digital Lux Meter	<b>Equipment:</b>	AC/DC Yoke	<b>INSPECTOR NAME:</b> M.SHAHZAD AHMED		<b>SENIOR INSPECTOR:</b>	NAVEED HUSSAIN
<b>S.No:</b>	1657	<b>S.No:</b>	2722003	<b>S.No:</b>	201504052			<b>QUALIFICATION:</b> ASNT LEVEL II MT & PT & VT	<b>SUPERVISOR:</b>
<b>Cal Due Date:</b>	14-Oct-24	<b>Cal Due Date:</b>	16-Oct-24	<b>Cal Due Date:</b>	14-Oct-24	<b>STAMP &amp; SIGNATURE:</b>		<b>CLIENT:</b>	
<b>Black Magnetic Ink Manufacture:</b>	Magnaflux	<b>Batch No:</b>	220605	<b>Expiry Date:</b>	JULY,2025				
<b>Whie Contrast Paint Manufacture:</b>	Magnaflux	<b>Batch No:</b>	220602	<b>Expiry Date:</b>	JUN,2025				
<b>Technical Details:</b>	<b>Magnetic Partical Concentration</b>		<b>Method</b>		<b>WMPT Light Intensity</b>				
	1.2 to 2.4 ml/100 ml		Wet Magnetic Particle Testing (WMPT)		3630 Lux				

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## CERTIFICATION OF VISUAL, THOROUGH EXAMINATION & MAGNETIC PARTICLE INSPECTION

<b>Client:</b>	TAREEQ-AL-SALEM	<b>Report No:</b>	QC/24/TAS-JUL-010	
<b>Location:</b>	TSS BACK YARD	<b>Job Number:</b>	QC/24/TAS-001	
<b>Inspection Date:</b>	Thursday, July 4, 2024	<b>Next Inspection Date:</b>	Thursday, July 3, 2025	
<b>Type Of Inspection:</b>	VISUAL , THOROUGH EXAMINATION & MAGNETIC PARTICLE INSPECTION		<b>Specification:</b>	
		<b>UNIT DESCRIPTION:</b>	2" CLASS '600 BALLON VALVE	
		<b>UNIT S/N:</b>	3714	
		<b>SEPARATOR S.NO:</b>	SEPL-U207	
		<b>INSPECTION RESULT :</b>		
		<b>VISUAL , THOROUGH EXAMINATION</b>	VISUAL & MAGNETIC PARTICLE INSPECTION ( M.P.I. ) HAD BEEN DONE ON THE AVAILABLE AREAS FOR THE ABOVE DESCRIPTION	
		<b>MAGNETIC PARTICLE INSPECTION</b>	Available critical areas inspected and found free from cracks and other defects	
		<b>FINAL RESULTS</b>	unit found satisfactory and free of defects at the time of inspection	
<b>COMMENT:</b>				
Magnetic Particle Inspection With A/C Hand Yoke , Black & White Contrast				

EQUIPMENT DETAILS						PERSON DETAILS		REVIEW BY	
<b>Equipment:</b>	AC-Yoke Test Block	<b>Equipment:</b>	Digital Lux Meter	<b>Equipment:</b>	AC/DC Yoke	<b>INSPECTOR NAME:</b> M.SHAHZAD AHMED		<b>SENIOR INSPECTOR:</b>	NAVEED HUSSAIN
<b>S.No:</b>	1657	<b>S.No:</b>	2722003	<b>S.No:</b>	201504052			<b>QUALIFICATION:</b> ASNT LEVEL II MT & PT & VT	<b>SUPERVISOR:</b>
<b>Cal Due Date:</b>	14-Oct-24	<b>Cal Due Date:</b>	16-Oct-24	<b>Cal Due Date:</b>	14-Oct-24	<b>STAMP &amp; SIGNATURE:</b>		<b>CLIENT:</b>	
<b>Black Magnetic Ink Manufacture:</b>	Magnaflux	<b>Batch No:</b>	220605	<b>Expiry Date:</b>	JULY,2025				
<b>Whie Contrast Paint Manufacture:</b>	Magnaflux	<b>Batch No:</b>	220602	<b>Expiry Date:</b>	JUN,2025				
<b>Technical Details:</b>	<b>Magnetic Partical Concentration</b>		<b>Method</b>		<b>WMPT Light Intensity</b>				
	1.2 to 2.4 ml/100 ml		Wet Magnetic Particle Testing (WMPT)		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**

<b>Client:</b>	TAREEQ-AL-SALEM	<b>Report No:</b>	QC/24/TAS-JUL-011	
<b>Location:</b>	TSS BACK YARD	<b>Job Number:</b>	QC/24/TAS-001	
<b>Inspection Date:</b>	Thursday, July 4, 2024	<b>Next Inspection Date:</b>	Thursday, July 3, 2025	
<b>Type Of Inspection:</b>	VISUAL , THOROUGH EXAMINATION & MAGNETIC PARTICLE INSPECTION		<b>Specification:</b>	ASTM E709 & ASTM E 1444 (2016) ASME V Article 7 (2019)
		<b>UNIT DESCRIPTION:</b>	3" CLASS '600 BALLON VALVE	
		<b>UNIT S/N:</b>	FB7017-01	
		<b>SEPARATOR S.NO:</b>	SEPL-U207	
		<b>INSPECTION RESULT :</b>		
		<b>VISUAL , THOROUGH EXAMINATION</b>	VISUAL & MAGNETIC PARTICLE INSPECTION ( M.P.I. ) HAD BEEN DONE ON THE AVAILABLE AREAS FOR THE ABOVE DESCRIPTION	
<b>MAGNETIC PARTICLE INSPECTION</b>	Available critical areas inspected and found free from cracks and other defects			
<b>FINAL RESULTS</b>	unit found satisfactory and free of defects at the time of inspection			
<b>COMMENT:</b>				
Magnetic Particle Inspection With A/C Hand Yoke , Black & White Contrast				

EQUIPMENT DETAILS						PERSON DETAILS		REVIEW BY	
<b>Equipment:</b>	AC-Yoke Test Block	<b>Equipment:</b>	Digital Lux Meter	<b>Equipment:</b>	AC/DC Yoke	<b>INSPECTOR NAME:</b> M.SHAHZAD AHMED		<b>SENIOR INSPECTOR:</b>	NAVEED HUSSAIN
<b>S.No:</b>	1657	<b>S.No:</b>	2722003	<b>S.No:</b>	201504052			<b>QUALIFICATION:</b> ASNT LEVEL II MT & PT & VT	<b>SUPERVISOR:</b>
<b>Cal Due Date:</b>	14-Oct-24	<b>Cal Due Date:</b>	16-Oct-24	<b>Cal Due Date:</b>	14-Oct-24	<b>STAMP &amp; SIGNATURE:</b>		<b>CLIENT:</b>	
<b>Black Magnetic Ink Manufacture:</b>	Magnaflux	<b>Batch No:</b>	220605	<b>Expiry Date:</b>	JULY,2025				
<b>Whie Contrast Paint Manufacture:</b>	Magnaflux	<b>Batch No:</b>	220602	<b>Expiry Date:</b>	JUN,2025				
<b>Technical Details:</b>	<b>Magnetic Partical Concentration</b>		<b>Method</b>		<b>WMPT Light Intensity</b>				
	1.2 to 2.4 ml/100 ml		Wet Magnetic Particle Testing (WMPT)		3630 Lux				

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Basra, North Rumaila, Quality Control Yard - Iraq



**CERTIFICATION OF VISUAL, THOROUGH EXAMINATION & MAGNETIC PARTICLE INSPECTION**

<b>Client:</b>	TAREEQ-AL-SALEM	<b>Report No:</b>	QC/24/TAS-JUL-012	
<b>Location:</b>	TSS BACK YARD	<b>Job Number:</b>	QC/24/TAS-001	
<b>Inspection Date:</b>	Thursday, July 4, 2024	<b>Next Inspection Date:</b>	Thursday, July 3, 2025	
<b>Type Of Inspection:</b>	VISUAL , THOROUGH EXAMINATION & MAGNETIC PARTICLE INSPECTION		<b>Specification:</b>	ASTM E709 & ASTM E 1444 (2016) ASME V Article 7 (2019)
		<b>UNIT DESCRIPTION:</b>	3" CLASS '600 BALLON VALVE	
		<b>UNIT S/N:</b>	FB7017-09	
		<b>SEPARATOR S.NO:</b>	SEPL-U207	
		<b>INSPECTION RESULT :</b>		
		<b>VISUAL , THOROUGH EXAMINATION</b>	VISUAL & MAGNETIC PARTICLE INSPECTION ( M.P.I. ) HAD BEEN DONE ON THE AVAILABLE AREAS FOR THE ABOVE DESCRIPTION	
<b>MAGNETIC PARTICLE INSPECTION</b>	Available critical areas inspected and found free from cracks and other defects			
<b>FINAL RESULTS</b>	unit found satisfactory and free of defects at the time of inspection			
<b>COMMENT:</b>				
Magnetic Particle Inspection With A/C Hand Yoke , Black & White Contrast				

EQUIPMENT DETAILS						PERSON DETAILS		REVIEW BY	
<b>Equipment:</b>	AC-Yoke Test Block	<b>Equipment:</b>	Digital Lux Meter	<b>Equipment:</b>	AC/DC Yoke	<b>INSPECTOR NAME:</b> M.SHAHZAD AHMED		<b>SENIOR INSPECTOR:</b>	NAVEED HUSSAIN
<b>S.No:</b>	1657	<b>S.No:</b>	2722003	<b>S.No:</b>	201504052			<b>QUALIFICATION:</b> ASNT LEVEL II MT & PT & VT	<b>SUPERVISOR:</b>
<b>Cal Due Date:</b>	14-Oct-24	<b>Cal Due Date:</b>	16-Oct-24	<b>Cal Due Date:</b>	14-Oct-24	<b>STAMP &amp; SIGNATURE:</b>		<b>CLIENT:</b>	
<b>Black Magnetic Ink Manufacture:</b>	Magnaflux	<b>Batch No:</b>	220605	<b>Expiry Date:</b>	JULY,2025				
<b>Whie Contrast Paint Manufacture:</b>	Magnaflux	<b>Batch No:</b>	220602	<b>Expiry Date:</b>	JUN,2025				
<b>Technical Details:</b>	<b>Magnetic Partical Concentration</b>		<b>Method</b>		<b>WMPT Light Intensity</b>				
	1.2 to 2.4 ml/100 ml		Wet Magnetic Particle Testing (WMPT)		3630 Lux				

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**CERTIFICATION OF VISUAL, THOROUGH EXAMINATION & MAGNETIC PARTICLE INSPECTION**

<b>Client:</b>	TAREEQ-AL-SALEM	<b>Report No:</b>	QC/24/TAS-JUL-013	
<b>Location:</b>	TSS BACK YARD	<b>Job Number:</b>	QC/24/TAS-001	
<b>Inspection Date:</b>	Thursday, July 4, 2024	<b>Next Inspection Date:</b>	Thursday, July 3, 2025	
<b>Type Of Inspection:</b>	VISUAL , THOROUGH EXAMINATION & MAGNETIC PARTICLE INSPECTION		<b>Specification:</b>	ASTM E709 & ASTM E 1444 (2016) ASME V Article 7 (2019)
		<b>UNIT DESCRIPTION:</b>	3" CLASS '600 BALLON VALVE	
		<b>UNIT S/N:</b>	FB7017-10	
		<b>SEPARATOR S.NO:</b>	SEPL-U207	
		<b>INSPECTION RESULT :</b>		
		<b>VISUAL , THOROUGH EXAMINATION</b>	VISUAL & MAGNETIC PARTICLE INSPECTION ( M.P.I. ) HAD BEEN DONE ON THE AVAILABLE AREAS FOR THE ABOVE DESCRIPTION	
<b>MAGNETIC PARTICLE INSPECTION</b>	Available critical areas inspected and found free from cracks and other defects			
<b>FINAL RESULTS</b>	unit found satisfactory and free of defects at the time of inspection			
<b>COMMENT:</b>				
Magnetic Particle Inspection With A/C Hand Yoke , Black & White Contrast				

EQUIPMENT DETAILS						PERSON DETAILS		REVIEW BY	
<b>Equipment:</b>	AC-Yoke Test Block	<b>Equipment:</b>	Digital Lux Meter	<b>Equipment:</b>	AC/DC Yoke	<b>INSPECTOR NAME:</b> M.SHAHZAD AHMED		<b>SENIOR INSPECTOR:</b>	NAVEED HUSSAIN
<b>S.No:</b>	1657	<b>S.No:</b>	2722003	<b>S.No:</b>	201504052			<b>QUALIFICATION:</b> ASNT LEVEL II MT & PT & VT	<b>SUPERVISOR:</b>
<b>Cal Due Date:</b>	14-Oct-24	<b>Cal Due Date:</b>	16-Oct-24	<b>Cal Due Date:</b>	14-Oct-24	<b>STAMP &amp; SIGNATURE:</b>		<b>CLIENT:</b>	
<b>Black Magnetic Ink Manufacture:</b>	Magnaflux	<b>Batch No:</b>	220605	<b>Expiry Date:</b>	JULY,2025				
<b>Whie Contrast Paint Manufacture:</b>	Magnaflux	<b>Batch No:</b>	220602	<b>Expiry Date:</b>	JUN,2025				
<b>Technical Details:</b>	<b>Magnetic Partical Concentration</b>		<b>Method</b>		<b>WMPT Light Intensity</b>				
	1.2 to 2.4 ml/100 ml		Wet Magnetic Particle Testing (WMPT)		3630 Lux				

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**CERTIFICATION OF VISUAL, THOROUGH EXAMINATION & MAGNETIC PARTICLE INSPECTION**

<b>Client:</b>	TAREEQ-AL-SALEM	<b>Report No:</b>	QC/24/TAS-JUL-014	
<b>Location:</b>	TSS BACK YARD	<b>Job Number:</b>	QC/24/TAS-001	
<b>Inspection Date:</b>	Thursday, July 4, 2024	<b>Next Inspection Date:</b>	Thursday, July 3, 2025	
<b>Type Of Inspection:</b>	VISUAL , THOROUGH EXAMINATION & MAGNETIC PARTICLE INSPECTION		<b>Specification:</b>	ASTM E709 & ASTM E 1444 (2016) ASME V Article 7 (2019)
		<b>UNIT DESCRIPTION:</b>	3" CLASS '600 BALLON VALVE	
		<b>UNIT S/N:</b>	FB7017-06	
		<b>SEPARATOR S.NO:</b>	SEPL-U207	
		<b>INSPECTION RESULT :</b>		
		<b>VISUAL , THOROUGH EXAMINATION</b>	VISUAL & MAGNETIC PARTICLE INSPECTION ( M.P.I. ) HAD BEEN DONE ON THE AVAILABLE AREAS FOR THE ABOVE DESCRIPTION	
<b>MAGNETIC PARTICLE INSPECTION</b>	Available critical areas inspected and found free from cracks and other defects			
<b>FINAL RESULTS</b>	unit found satisfactory and free of defects at the time of inspection			
<b>COMMENT:</b>				
Magnetic Particle Inspection With A/C Hand Yoke , Black & White Contrast				

EQUIPMENT DETAILS						PERSON DETAILS		REVIEW BY	
<b>Equipment:</b>	AC-Yoke Test Block	<b>Equipment:</b>	Digital Lux Meter	<b>Equipment:</b>	AC/DC Yoke	<b>INSPECTOR NAME:</b> M.SHAHZAD AHMED		<b>SENIOR INSPECTOR:</b>	NAVEED HUSSAIN
<b>S.No:</b>	1657	<b>S.No:</b>	2722003	<b>S.No:</b>	201504052			<b>QUALIFICATION:</b> ASNT LEVEL II MT & PT & VT	<b>SUPERVISOR:</b>
<b>Cal Due Date:</b>	14-Oct-24	<b>Cal Due Date:</b>	16-Oct-24	<b>Cal Due Date:</b>	14-Oct-24	<b>STAMP &amp; SIGNATURE:</b>		<b>CLIENT:</b>	
<b>Black Magnetic Ink Manufacture:</b>	Magnaflux	<b>Batch No:</b>	220605	<b>Expiry Date:</b>	JULY,2025				
<b>Whie Contrast Paint Manufacture:</b>	Magnaflux	<b>Batch No:</b>	220602	<b>Expiry Date:</b>	JUN,2025				
<b>Technical Details:</b>	<b>Magnetic Partical Concentration</b>		<b>Method</b>		<b>WMPT Light Intensity</b>				
	1.2 to 2.4 ml/100 ml		Wet Magnetic Particle Testing (WMPT)		3630 Lux				

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**CERTIFICATION OF VISUAL, THOROUGH EXAMINATION & MAGNETIC PARTICLE INSPECTION**

<b>Client:</b>	TAREEQ-AL-SALEM	<b>Report No:</b>	QC/24/TAS-JUL-015	
<b>Location:</b>	TSS BACK YARD	<b>Job Number:</b>	QC/24/TAS-001	
<b>Inspection Date:</b>	Thursday, July 4, 2024	<b>Next Inspection Date:</b>	Thursday, July 3, 2025	
<b>Type Of Inspection:</b>	VISUAL , THOROUGH EXAMINATION & MAGNETIC PARTICLE INSPECTION		<b>Specification:</b>	ASTM E709 & ASTM E 1444 (2016) ASME V Article 7 (2019)
		<b>UNIT DESCRIPTION:</b>	3" CLASS '600 BALLON VALVE	
		<b>UNIT S/N:</b>	FB7117-14	
		<b>SEPARATOR S.NO:</b>	SEPL-U207	
		<b>INSPECTION RESULT :</b>		
		<b>VISUAL , THOROUGH EXAMINATION</b>	VISUAL & MAGNETIC PARTICLE INSPECTION ( M.P.I. ) HAD BEEN DONE ON THE AVAILABLE AREAS FOR THE ABOVE DESCRIPTION	
<b>MAGNETIC PARTICLE INSPECTION</b>	Available critical areas inspected and found free from cracks and other defects			
<b>FINAL RESULTS</b>	unit found satisfactory and free of defects at the time of inspection			
<b>COMMENT:</b>				
Magnetic Particle Inspection With A/C Hand Yoke , Black & White Contrast				

EQUIPMENT DETAILS						PERSON DETAILS		REVIEW BY	
<b>Equipment:</b>	AC-Yoke Test Block	<b>Equipment:</b>	Digital Lux Meter	<b>Equipment:</b>	AC/DC Yoke	<b>INSPECTOR NAME:</b> M.SHAHZAD AHMED		<b>SENIOR INSPECTOR:</b>	NAVEED HUSSAIN
<b>S.No:</b>	1657	<b>S.No:</b>	2722003	<b>S.No:</b>	201504052			<b>QUALIFICATION:</b> ASNT LEVEL II MT & PT & VT	<b>SUPERVISOR:</b>
<b>Cal Due Date:</b>	14-Oct-24	<b>Cal Due Date:</b>	16-Oct-24	<b>Cal Due Date:</b>	14-Oct-24	<b>STAMP &amp; SIGNATURE:</b>		<b>CLIENT:</b>	
<b>Black Magnetic Ink Manufacture:</b>	Magnaflux	<b>Batch No:</b>	220605	<b>Expiry Date:</b>	JULY,2025				
<b>Whie Contrast Paint Manufacture:</b>	Magnaflux	<b>Batch No:</b>	220602	<b>Expiry Date:</b>	JUN,2025				
<b>Technical Details:</b>	<b>Magnetic Partical Concentration</b>		<b>Method</b>		<b>WMPT Light Intensity</b>				
	1.2 to 2.4 ml/100 ml		Wet Magnetic Particle Testing (WMPT)		3630 Lux				

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**CERTIFICATION OF VISUAL, THOROUGH EXAMINATION & MAGNETIC PARTICLE INSPECTION**

<b>Client:</b>	TAREEQ-AL-SALEM	<b>Report No:</b>	QC/24/TAS-JUL-016	
<b>Location:</b>	TSS BACK YARD	<b>Job Number:</b>	QC/24/TAS-001	
<b>Inspection Date:</b>	Thursday, July 4, 2024	<b>Next Inspection Date:</b>	Thursday, July 3, 2025	
<b>Type Of Inspection:</b>	VISUAL , THOROUGH EXAMINATION & MAGNETIC PARTICLE INSPECTION		<b>Specification:</b>	ASTM E709 & ASTM E 1444 (2016) ASME V Article 7 (2019)
		<b>UNIT DESCRIPTION:</b>	3" CLASS '600 BALLON VALVE	
		<b>UNIT S/N:</b>	FB7117-11	
		<b>SEPARATOR S.NO:</b>	SEPL-U207	
		<b>INSPECTION RESULT :</b>		
		<b>VISUAL , THOROUGH EXAMINATION</b>	VISUAL & MAGNETIC PARTICLE INSPECTION ( M.P.I. ) HAD BEEN DONE ON THE AVAILABLE AREAS FOR THE ABOVE DESCRIPTION	
<b>MAGNETIC PARTICLE INSPECTION</b>	Available critical areas inspected and found free from cracks and other defects			
<b>FINAL RESULTS</b>	unit found satisfactory and free of defects at the time of inspection			
<b>COMMENT:</b>				
Magnetic Particle Inspection With A/C Hand Yoke , Black & White Contrast				

EQUIPMENT DETAILS						PERSON DETAILS		REVIEW BY	
<b>Equipment:</b>	AC-Yoke Test Block	<b>Equipment:</b>	Digital Lux Meter	<b>Equipment:</b>	AC/DC Yoke	<b>INSPECTOR NAME:</b> M.SHAHZAD AHMED		<b>SENIOR INSPECTOR:</b>	NAVEED HUSSAIN
<b>S.No:</b>	1657	<b>S.No:</b>	2722003	<b>S.No:</b>	201504052			<b>QUALIFICATION:</b> ASNT LEVEL II MT & PT & VT	<b>SUPERVISOR:</b>
<b>Cal Due Date:</b>	14-Oct-24	<b>Cal Due Date:</b>	16-Oct-24	<b>Cal Due Date:</b>	14-Oct-24	<b>STAMP &amp; SIGNATURE:</b>		<b>CLIENT:</b>	
<b>Black Magnetic Ink Manufacture:</b>	Magnaflux	<b>Batch No:</b>	220605	<b>Expiry Date:</b>	JULY,2025				
<b>Whie Contrast Paint Manufacture:</b>	Magnaflux	<b>Batch No:</b>	220602	<b>Expiry Date:</b>	JUN,2025				
<b>Technical Details:</b>	<b>Magnetic Partical Concentration</b>		<b>Method</b>		<b>WMPT Light Intensity</b>				
	1.2 to 2.4 ml/100 ml		Wet Magnetic Particle Testing (WMPT)		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**

<b>Client:</b>	TAREEQ-AL-SALEM	<b>Report No:</b>	QC/24/TAS-JUL-017	
<b>Location:</b>	TSS BACK YARD	<b>Job Number:</b>	QC/24/TAS-001	
<b>Inspection Date:</b>	Thursday, July 4, 2024	<b>Next Inspection Date:</b>	Thursday, July 3, 2025	
<b>Type Of Inspection:</b>	VISUAL , THOROUGH EXAMINATION & MAGNETIC PARTICLE INSPECTION		<b>Specification:</b>	ASTM E709 & ASTM E 1444 (2016) ASME V Article 7 (2019)
		<b>UNIT DESCRIPTION:</b>	3" CLASS '600 BALLON VALVE	
		<b>UNIT S/N:</b>	FB7117-FS	
		<b>SEPARATOR S.NO:</b>	SEPL-U207	
		<b>INSPECTION RESULT :</b>		
		<b>VISUAL , THOROUGH EXAMINATION</b>	VISUAL & MAGNETIC PARTICLE INSPECTION ( M.P.I. ) HAD BEEN DONE ON THE AVAILABLE AREAS FOR THE ABOVE DESCRIPTION	
<b>MAGNETIC PARTICLE INSPECTION</b>	Available critical areas inspected and found free from cracks and other defects			
<b>FINAL RESULTS</b>	unit found satisfactory and free of defects at the time of inspection			
<b>COMMENT:</b>				
Magnetic Particle Inspection With A/C Hand Yoke , Black & White Contrast				

EQUIPMENT DETAILS						PERSON DETAILS		REVIEW BY	
<b>Equipment:</b>	AC-Yoke Test Block	<b>Equipment:</b>	Digital Lux Meter	<b>Equipment:</b>	AC/DC Yoke	<b>INSPECTOR NAME:</b> M.SHAHZAD AHMED		<b>SENIOR INSPECTOR:</b>	NAVEED HUSSAIN
<b>S.No:</b>	1657	<b>S.No:</b>	2722003	<b>S.No:</b>	201504052			<b>QUALIFICATION:</b> ASNT LEVEL II MT & PT & VT	<b>SUPERVISOR:</b>
<b>Cal Due Date:</b>	14-Oct-24	<b>Cal Due Date:</b>	16-Oct-24	<b>Cal Due Date:</b>	14-Oct-24	<b>STAMP &amp; SIGNATURE:</b>		<b>CLIENT:</b>	
<b>Black Magnetic Ink Manufacture:</b>	Magnaflux	<b>Batch No:</b>	220605	<b>Expiry Date:</b>	JULY,2025				
<b>Whie Contrast Paint Manufacture:</b>	Magnaflux	<b>Batch No:</b>	220602	<b>Expiry Date:</b>	JUN,2025				
<b>Technical Details:</b>	<b>Magnetic Partical Concentration</b>		<b>Method</b>		<b>WMPT Light Intensity</b>				
	1.2 to 2.4 ml/100 ml		Wet Magnetic Particle Testing (WMPT)		3630 Lux				

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**CERTIFICATION OF VISUAL, THOROUGH EXAMINATION & MAGNETIC PARTICLE INSPECTION**

<b>Client:</b>	TAREEQ-AL-SALEM	<b>Report No:</b>	QC/24/TAS-JUL-018	
<b>Location:</b>	TSS BACK YARD	<b>Job Number:</b>	QC/24/TAS-001	
<b>Inspection Date:</b>	Thursday, July 4, 2024	<b>Next Inspection Date:</b>	Thursday, July 3, 2025	
<b>Type Of Inspection:</b>	VISUAL , THOROUGH EXAMINATION & MAGNETIC PARTICLE INSPECTION		<b>Specification:</b>	ASTM E709 & ASTM E 1444 (2016) ASME V Article 7 (2019)
		<b>UNIT DESCRIPTION:</b>	3" CLASS '600 BALLON VALVE	
		<b>UNIT S/N:</b>	FB7117-13	
		<b>SEPARATOR S,NO:</b>	SEPL-U207	
		<b>INSPECTION RESULT :</b>		
		<b>VISUAL , THOROUGH EXAMINATION</b>	VISUAL & MAGNETIC PARTICLE INSPECTION ( M.P.I. ) HAD BEEN DONE ON THE AVAILABLE AREAS FOR THE ABOVE DESCRIPTION	
<b>MAGNETIC PARTICLE INSPECTION</b>	Available critical areas inspected and found free from cracks and other defects			
<b>FINAL RESULTS</b>	unit found satisfactory and free of defects at the time of inspection			
<b>COMMENT:</b>				
Magnetic Particle Inspection With A/C Hand Yoke , Black & White Contrast				

EQUIPMENT DETAILS						PERSON DETAILS		REVIEW BY	
<b>Equipment:</b>	AC-Yoke Test Block	<b>Equipment:</b>	Digital Lux Meter	<b>Equipment:</b>	AC/DC Yoke	<b>INSPECTOR NAME:</b> M.SHAHZAD AHMED		<b>SENIOR INSPECTOR:</b>	NAVEED HUSSAIN
<b>S.No:</b>	1657	<b>S.No:</b>	2722003	<b>S.No:</b>	201504052			<b>QUALIFICATION:</b> ASNT LEVEL II MT & PT & VT	<b>SUPERVISOR:</b>
<b>Cal Due Date:</b>	14-Oct-24	<b>Cal Due Date:</b>	16-Oct-24	<b>Cal Due Date:</b>	14-Oct-24	<b>STAMP &amp; SIGNATURE:</b>		<b>CLIENT:</b>	
<b>Black Magnetic Ink Manufacture:</b>	Magnaflux	<b>Batch No:</b>	220605	<b>Expiry Date:</b>	JULY,2025				
<b>Whie Contrast Paint Manufacture:</b>	Magnaflux	<b>Batch No:</b>	220602	<b>Expiry Date:</b>	JUN,2025				
<b>Technical Details:</b>	<b>Magnetic Partical Concentration</b>		<b>Method</b>		<b>WMPT Light Intensity</b>				
	1.2 to 2.4 ml/100 ml		Wet Magnetic Particle Testing (WMPT)		3630 Lux				

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## CERTIFICATION OF VISUAL, THOROUGH EXAMINATION & MAGNETIC PARTICLE INSPECTION

<b>Client:</b>	TAREEQ-AL-SALEM	<b>Report No:</b>	QC/24/TAS-JUL-019	
<b>Location:</b>	TSS BACK YARD	<b>Job Number:</b>	QC/24/TAS-001	
<b>Inspection Date:</b>	Thursday, July 4, 2024	<b>Next Inspection Date:</b>	Thursday, July 3, 2025	
<b>Type Of Inspection:</b>	VISUAL , THOROUGH EXAMINATION & MAGNETIC PARTICLE INSPECTION		<b>Specification:</b>	
			<b>UNIT DESCRIPTION:</b>	
			<b>UNIT S/N:</b>	
			<b>SEPARATOR S.NO:</b>	
			<b>INSPECTION RESULT :</b>	
			<b>VISUAL , THOROUGH EXAMINATION</b>	VISUAL & MAGNETIC PARTICLE INSPECTION ( M.P.I. ) HAD BEEN DONE ON THE AVAILABLE AREAS FOR THE ABOVE DESCRIPTION
<b>MAGNETIC PARTICLE INSPECTION</b>	Available critical areas inspected and found free from cracks and other defects			
<b>FINAL RESULTS</b>	unit found satisfactory and free of defects at the time of inspection			
<b>COMMENT:</b>				
Magnetic Particle Inspection With A/C Hand Yoke , Black & White Contrast				

EQUIPMENT DETAILS						PERSON DETAILS		REVIEW BY	
<b>Equipment:</b>	AC-Yoke Test Block	<b>Equipment:</b>	Digital Lux Meter	<b>Equipment:</b>	AC/DC Yoke	<b>INSPECTOR NAME:</b> M.SHAHZAD AHMED		<b>SENIOR INSPECTOR:</b>	NAVEED HUSSAIN
<b>S.No:</b>	1657	<b>S.No:</b>	2722003	<b>S.No:</b>	201504052			<b>QUALIFICATION:</b> ASNT LEVEL II MT & PT & VT	<b>SUPERVISOR:</b>
<b>Cal Due Date:</b>	14-Oct-24	<b>Cal Due Date:</b>	16-Oct-24	<b>Cal Due Date:</b>	14-Oct-24	<b>STAMP &amp; SIGNATURE:</b>		<b>CLIENT:</b>	
<b>Black Magnetic Ink Manufacture:</b>	Magnaflux	<b>Batch No:</b>	220605	<b>Expiry Date:</b>	JULY,2025				
<b>Whie Contrast Paint Manufacture:</b>	Magnaflux	<b>Batch No:</b>	220602	<b>Expiry Date:</b>	JUN,2025				
<b>Technical Details:</b>	<b>Magnetic Partical Concentration</b>		<b>Method</b>		<b>WMPT Light Intensity</b>				
	1.2 to 2.4 ml/100 ml		Wet Magnetic Particle Testing (WMPT)		3630 Lux				

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**CERTIFICATION OF VISUAL, THOROUGH EXAMINATION & MAGNETIC PARTICLE INSPECTION**

<b>Client:</b>	TAREEQ-AL-SALEM	<b>Report No:</b>	QC/24/TAS-JUL-020	
<b>Location:</b>	TSS BACK YARD	<b>Job Number:</b>	QC/24/TAS-001	
<b>Inspection Date:</b>	Thursday, July 4, 2024	<b>Next Inspection Date:</b>	Thursday, July 3, 2025	
<b>Type Of Inspection:</b>	VISUAL , THOROUGH EXAMINATION & MAGNETIC PARTICLE INSPECTION		<b>Specification:</b>	ASTM E709 & ASTM E 1444 (2016) ASME V Article 7 (2019)
		<b>UNIT DESCRIPTION:</b>	1" CLASS '600 BALLON VALVE	
		<b>UNIT S/N:</b>	FB70415-01	
		<b>SEPARATOR S.NO:</b>	SEPL-U207	
		<b>INSPECTION RESULT :</b>		
		<b>VISUAL , THOROUGH EXAMINATION</b>	VISUAL & MAGNETIC PARTICLE INSPECTION ( M.P.I. ) HAD BEEN DONE ON THE AVAILABLE AREAS FOR THE ABOVE DESCRIPTION	
<b>MAGNETIC PARTICLE INSPECTION</b>	Available critical areas inspected and found free from cracks and other defects			
<b>FINAL RESULTS</b>	unit found satisfactory and free of defects at the time of inspection			
<b>COMMENT:</b>				
Magnetic Particle Inspection With A/C Hand Yoke , Black & White Contrast				

EQUIPMENT DETAILS						PERSON DETAILS		REVIEW BY	
<b>Equipment:</b>	AC-Yoke Test Block	<b>Equipment:</b>	Digital Lux Meter	<b>Equipment:</b>	AC/DC Yoke	<b>INSPECTOR NAME:</b> M.SHAHZAD AHMED		<b>SENIOR INSPECTOR:</b>	NAVEED HUSSAIN
<b>S.No:</b>	1657	<b>S.No:</b>	2722003	<b>S.No:</b>	201504052			<b>QUALIFICATION:</b> ASNT LEVEL II MT & PT & VT	<b>SUPERVISOR:</b>
<b>Cal Due Date:</b>	14-Oct-24	<b>Cal Due Date:</b>	16-Oct-24	<b>Cal Due Date:</b>	14-Oct-24	<b>STAMP &amp; SIGNATURE:</b>		<b>CLIENT:</b>	
<b>Black Magnetic Ink Manufacture:</b>	Magnaflux	<b>Batch No:</b>	220605	<b>Expiry Date:</b>	JULY,2025				
<b>Whie Contrast Paint Manufacture:</b>	Magnaflux	<b>Batch No:</b>	220602	<b>Expiry Date:</b>	JUN,2025				
<b>Technical Details:</b>	<b>Magnetic Partical Concentration</b>		<b>Method</b>		<b>WMPT Light Intensity</b>				
	1.2 to 2.4 ml/100 ml		Wet Magnetic Particle Testing (WMPT)		3630 Lux				

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**CERTIFICATION OF VISUAL, THOROUGH EXAMINATION & MAGNETIC PARTICLE INSPECTION**

<b>Client:</b>	TAREEQ-AL-SALEM	<b>Report No:</b>	QC/24/TAS-JUL-021	
<b>Location:</b>	TSS BACK YARD	<b>Job Number:</b>	QC/24/TAS-001	
<b>Inspection Date:</b>	Thursday, July 4, 2024	<b>Next Inspection Date:</b>	Thursday, July 3, 2025	
<b>Type Of Inspection:</b>	VISUAL , THOROUGH EXAMINATION & MAGNETIC PARTICLE INSPECTION		<b>Specification:</b>	ASTM E709 & ASTM E 1444 (2016) ASME V Article 7 (2019)
		<b>UNIT DESCRIPTION:</b>	1" CLASS '600 BALLON VALVE	
		<b>UNIT S/N:</b>	FB70415-08	
		<b>SEPARATOR S.NO:</b>	SEPL-U207	
		<b>INSPECTION RESULT :</b>		
		<b>VISUAL , THOROUGH EXAMINATION</b>	VISUAL & MAGNETIC PARTICLE INSPECTION ( M.P.I. ) HAD BEEN DONE ON THE AVAILABLE AREAS FOR THE ABOVE DESCRIPTION	
<b>MAGNETIC PARTICLE INSPECTION</b>	Available critical areas inspected and found free from cracks and other defects			
<b>FINAL RESULTS</b>	unit found satisfactory and free of defects at the time of inspection			
<b>COMMENT:</b>				
Magnetic Particle Inspection With A/C Hand Yoke , Black & White Contrast				

EQUIPMENT DETAILS						PERSON DETAILS		REVIEW BY	
<b>Equipment:</b>	AC-Yoke Test Block	<b>Equipment:</b>	Digital Lux Meter	<b>Equipment:</b>	AC/DC Yoke	<b>INSPECTOR NAME:</b> M.SHAHZAD AHMED		<b>SENIOR INSPECTOR:</b>	NAVEED HUSSAIN
<b>S.No:</b>	1657	<b>S.No:</b>	2722003	<b>S.No:</b>	201504052			<b>QUALIFICATION:</b> ASNT LEVEL II MT & PT & VT	<b>SUPERVISOR:</b>
<b>Cal Due Date:</b>	14-Oct-24	<b>Cal Due Date:</b>	16-Oct-24	<b>Cal Due Date:</b>	14-Oct-24	<b>STAMP &amp; SIGNATURE:</b>		<b>CLIENT:</b>	
<b>Black Magnetic Ink Manufacture:</b>	Magnaflux	<b>Batch No:</b>	220605	<b>Expiry Date:</b>	JULY,2025				
<b>Whie Contrast Paint Manufacture:</b>	Magnaflux	<b>Batch No:</b>	220602	<b>Expiry Date:</b>	JUN,2025				
<b>Technical Details:</b>	<b>Magnetic Partical Concentration</b>		<b>Method</b>		<b>WMPT Light Intensity</b>				
	1.2 to 2.4 ml/100 ml		Wet Magnetic Particle Testing (WMPT)		3630 Lux				

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**CERTIFICATION OF VISUAL, THOROUGH EXAMINATION & MAGNETIC PARTICLE INSPECTION**

<b>Client:</b>	TAREEQ-AL-SALEM	<b>Report No:</b>	QC/24/TAS-JUL-022	
<b>Location:</b>	TSS BACK YARD	<b>Job Number:</b>	QC/24/TAS-001	
<b>Inspection Date:</b>	Thursday, July 4, 2024	<b>Next Inspection Date:</b>	Thursday, July 3, 2025	
<b>Type Of Inspection:</b>	VISUAL , THOROUGH EXAMINATION & MAGNETIC PARTICLE INSPECTION		<b>Specification:</b>	ASTM E709 & ASTM E 1444 (2016) ASME V Article 7 (2019)
		<b>UNIT DESCRIPTION:</b>	1" CLASS '600 BALLON VALVE	
		<b>UNIT S/N:</b>	FB70415-05	
		<b>SEPARATOR S.NO:</b>	SEPL-U207	
		<b>INSPECTION RESULT :</b>		
		<b>VISUAL , THOROUGH EXAMINATION</b>	VISUAL & MAGNETIC PARTICLE INSPECTION ( M.P.I. ) HAD BEEN DONE ON THE AVAILABLE AREAS FOR THE ABOVE DESCRIPTION	
<b>MAGNETIC PARTICLE INSPECTION</b>	Available critical areas inspected and found free from cracks and other defects			
<b>FINAL RESULTS</b>	unit found satisfactory and free of defects at the time of inspection			
<b>COMMENT:</b>				
Magnetic Particle Inspection With A/C Hand Yoke , Black & White Contrast				

EQUIPMENT DETAILS						PERSON DETAILS		REVIEW BY	
<b>Equipment:</b>	AC-Yoke Test Block	<b>Equipment:</b>	Digital Lux Meter	<b>Equipment:</b>	AC/DC Yoke	<b>INSPECTOR NAME:</b> M.SHAHZAD AHMED		<b>SENIOR INSPECTOR:</b>	NAVEED HUSSAIN
<b>S.No:</b>	1657	<b>S.No:</b>	2722003	<b>S.No:</b>	201504052			<b>QUALIFICATION:</b> ASNT LEVEL II MT & PT & VT	<b>SUPERVISOR:</b>
<b>Cal Due Date:</b>	14-Oct-24	<b>Cal Due Date:</b>	16-Oct-24	<b>Cal Due Date:</b>	14-Oct-24	<b>STAMP &amp; SIGNATURE:</b>		<b>CLIENT:</b>	
<b>Black Magnetic Ink Manufacture:</b>	Magnaflux	<b>Batch No:</b>	220605	<b>Expiry Date:</b>	JULY,2025				
<b>Whie Contrast Paint Manufacture:</b>	Magnaflux	<b>Batch No:</b>	220602	<b>Expiry Date:</b>	JUN,2025				
<b>Technical Details:</b>	<b>Magnetic Partical Concentration</b>		<b>Method</b>		<b>WMPT Light Intensity</b>				
	1.2 to 2.4 ml/100 ml		Wet Magnetic Particle Testing (WMPT)		3630 Lux				

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**CERTIFICATION OF VISUAL, THOROUGH EXAMINATION & MAGNETIC PARTICLE INSPECTION**

<b>Client:</b>	TAREEQ-AL-SALEM	<b>Report No:</b>	QC/24/TAS-JUL-023
<b>Location:</b>	TSS BACK YARD	<b>Job Number:</b>	QC/24/TAS-001
<b>Inspection Date:</b>	Thursday, July 4, 2024	<b>Next Inspection Date:</b>	Friday, January 3, 2025
<b>Type Of Inspection:</b>	VISUAL , THOROUGH EXAMINATION & MAGNETIC PARTICLE INSPECTION		<b>Specification:</b> ASTM E709 & ASTM E 1444 (2016) ASME V Article 7 (2019)
		<b>UNIT DESCRIPTION:</b>	X-OVER: 3" 206 W X 4" 206 TH
		<b>S/NO:</b>	X-29
		<b>INSPECTION RESULT :</b>	
		<b>VISUAL , THOROUGH EXAMINATION</b>	VISUAL & MAGNETIC PARTICLE INSPECTION ( M.P.I. ) HAD BEEN DONE ON THE AVAILABLE AREAS FOR THE ABOVE DESCRIPTION
		<b>MAGNETIC PARTICLE INSPECTION</b>	Thread & Welding Critical areas inspected and found free from cracks and other defects
		<b>FINAL RESULTS</b>	THE ABOVE INSPECTED AREAS WAS ACCEPTED
<b>COMMENT:</b> (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		
<b>EQUIPMENT :</b>	AC/DC HAND Yoke	<b>EQUIPMENT :</b>	Shooting Coil DC	<b>EQUIPMENT :</b>	UV BLACK LIGHT: 3041 μw/cm <sup>2</sup>	<b>INSPECTOR NAME:</b> USMAN SHABBAR		<b>SENIOR INSPECTOR:</b>	NAVEED HUSSAIN	
<b>S.NO:</b>	201504052	<b>S.NO:</b>	22650	<b>S.NO:</b>	1898977			<b>QUALIFICATION:</b> ASNT LEVEL II MT & PT & VT	<b>SUPERVISOR:</b>	HANI ALI
<b>Cal Due Date:</b>	14.OCT.2024	<b>Cal Due Date:</b>	15.OCT.2024	<b>Cal Due Date:</b>	14.OCT.2024			<b>STAMP &amp; SIGNATURE:</b>	<b>CLIENT:</b>	
<b>FLUORESCENT 14HF</b>	Magnaflux	<b>Batch No:</b>	220306	<b>EXPIRE DATE:</b>	MARCH,2025					
<b>White Contrast Paint Manufacture:</b>	Magnaflux	<b>Batch No:</b>	220602	<b>EXPIRE DATE:</b>	JUN,2025					
<b>Black Magnetic Ink Manufacture:</b>	7HF	<b>Batch No:</b>	220605	<b>EXPIRE DATE:</b>	Jul-25					
<b>TECHNICAL DETAILS</b>										
Digital Lux Meter WHITE LIGHT INTENSITY:	Wet FLUORESCENT Particle Concentration 14 HF		0.1 to 0.4 ml/100 ml		Batch No:220605					
3620 Lux/S.NO:2722003	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**

<b>Client:</b>	TAREEQ-AL-SALEM	<b>Report No:</b>	QC/24/TAS-JUL-024
<b>Location:</b>	TSS BACK YARD	<b>Job Number:</b>	QC/24/TAS-001
<b>Inspection Date:</b>	Thursday, July 4, 2024	<b>Next Inspection Date:</b>	Friday, January 3, 2025
<b>Type Of Inspection:</b>	VISUAL , THOROUGH EXAMINATION & MAGNETIC PARTICLE INSPECTION		<b>Specification:</b> ASTM E709 & ASTM E 1444 (2016) ASME V Article 7 (2019)
		<b>UNIT DESCRIPTION:</b>	X-OVER: 4" 206 WING X 3" 206 TH
		<b>S/NO:</b>	X-29
		<b>INSPECTION RESULT :</b>	
		<b>VISUAL , THOROUGH EXAMINATION</b>	VISUAL & MAGNETIC PARTICLE INSPECTION ( M.P.I. ) HAD BEEN DONE ON THE AVAILABLE AREAS FOR THE ABOVE DESCRIPTION
		<b>MAGNETIC PARTICLE INSPECTION</b>	Thread & Welding Critical areas inspected and found free from cracks and other defects
		<b>FINAL RESULTS</b>	THE ABOVE INSPECTED AREAS WAS ACCEPTED
<b>COMMENT:</b> (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		
<b>EQUIPMENT :</b>	AC/DC HAND Yoke	<b>EQUIPMENT :</b>	Shooting Coil DC	<b>EQUIPMENT :</b>	UV BLACK LIGHT: 3041 μw/cm <sup>2</sup>	<b>INSPECTOR NAME:</b> USMAN SHABBIR		<b>SENIOR INSPECTOR:</b>	NAVEED HUSSAIN	
<b>S.NO:</b>	201504052	<b>S.NO:</b>	22650	<b>S.NO:</b>	1898977			<b>QUALIFICATION:</b> ASNT LEVEL II MT & PT & VT	<b>SUPERVISOR:</b>	HANI ALI
<b>Cal Due Date:</b>	14.OCT.2024	<b>Cal Due Date:</b>	15.OCT.2024	<b>Cal Due Date:</b>	14.OCT.2024			<b>STAMP &amp; SIGNATURE:</b>	<b>CLIENT:</b>	
<b>FLUORESCENT 14HF</b>	Magnaflux	<b>Batch No:</b>	220306	<b>EXPIRE DATE:</b>	MARCH,2025					
<b>White Contrast Paint Manufacture:</b>	Magnaflux	<b>Batch No:</b>	220602	<b>EXPIRE DATE:</b>	JUN,2025					
<b>TECHNICAL DETAILS</b>					<b>Black Magnetic Ink Manufacture:</b> 7HF					
<b>Digital Lux Meter WHITE LIGHT INTENSITY:</b>	Wet FLUORESCENT Particle Concentration 14 HF		0.1 to 0.4 ml/100 ml		Batch No:220605					
<b>3620 Lux/S.NO:2722003</b>	Black Magnetic Ink Concentration 7 HF		1.2 to 2.4 ml/100 ml		<b>EXPIRE DATE:</b> Jul-25					
<b>Cal Due Date:16.OCT.2024</b>										

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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**

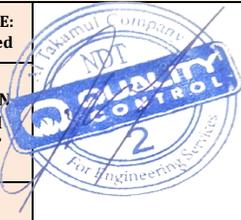
<b>Client:</b>	TAREEQ-AL-SALEM	<b>Report No:</b>	QC/24/TAS-JUL-025
<b>Location:</b>	TSS BACK YARD	<b>Job Number:</b>	QC/24/TAS-001
<b>Inspection Date:</b>	Thursday, July 4, 2024	<b>Next Inspection Date:</b>	Friday, January 3, 2025
<b>Type Of Inspection:</b>	VISUAL , THOROUGH EXAMINATION & MAGNETIC PARTICLE INSPECTION		<b>Specification:</b> ASTM E709 & ASTM E 1444 (2016) ASME V Article 7 (2019)
		<b>UNIT DESCRIPTION:</b>	X-OVER: 2" 1502 TH X 4" 206 TH
		<b>S/NO:</b>	X-40
		<b>INSPECTION RESULT :</b>	
		<b>VISUAL , THOROUGH EXAMINATION</b>	VISUAL & MAGNETIC PARTICLE INSPECTION ( M.P.I. ) HAD BEEN DONE ON THE AVAILABLE AREAS FOR THE ABOVE DESCRIPTION
		<b>MAGNETIC PARTICLE INSPECTION</b>	Thread & Welding Critical areas inspected and found free from cracks and other defects
		<b>FINAL RESULTS</b>	THE ABOVE INSPECTED AREAS WAS ACCEPTED
<b>COMMENT:</b> (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	
<b>EQUIPMENT :</b>	AC/DC HAND Yoke	<b>EQUIPMENT :</b>	Shooting Coil DC	<b>EQUIPMENT :</b>	UV BLACK LIGHT: 3041 μw/cm <sup>2</sup>	<b>INSPECTOR NAME:</b>	USMAN SHABBIR	<b>SENIOR INSPECTOR:</b>	NAVEED HUSSAIN
<b>S.NO:</b>	201504052	<b>S.NO:</b>	22650	<b>S.NO:</b>	1898977		<b>QUALIFICATION:</b> ASNT LEVEL II MT & PT & VT	<b>SUPERVISOR:</b>  	<b>HANI ALI</b>
<b>Cal Due Date:</b>	14.OCT.2024	<b>Cal Due Date:</b>	15.OCT.2024	<b>Cal Due Date:</b>	14.OCT.2024				
<b>FLUORESCENT 14HF</b>	Magnaflux	<b>Batch No:</b>	220306	<b>EXPIRE DATE:</b>	MARCH,2025	<b>STAMP &amp; SIGNATURE:</b>	<b>CLIENT:</b>		
<b>White Contrast Paint Manufacture:</b>	Magnaflux	<b>Batch No:</b>	220602	<b>EXPIRE DATE:</b>	JUN,2025				
<b>TECHNICAL DETAILS</b>					<b>Black Magnetic Ink Manufacture:</b> 7HF				
<b>Digital Lux Meter WHITE LIGHT INTENSITY:</b>	3620 Lux/S.NO:2722003		Wet FLUORESCENT Particle Concentration 14 HF		0.1 to 0.4 ml/100 ml	Batch No:220605			
<b>Cal Due Date:16.OCT.2024</b>	Black Magnetic Ink Concentration 7 HF		1.2 to 2.4 ml/100 ml		<b>EXPIRE DATE:</b>	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																	
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:10%;">PAD EYES S/N</th> <th style="width:5%;">QTY</th> <th style="width:20%;">PADEYE DIM</th> <th style="width:20%;">PADEYE SWL</th> <th style="width:25%;">UNIT MGW</th> </tr> </thead> <tbody> <tr> <td>S01</td> <td rowspan="4" style="text-align: center;">4</td> <td>Thickness :- 40 mm</td> <td rowspan="4" style="text-align: center;">-</td> <td rowspan="4" style="text-align: center;">-</td> </tr> <tr> <td>S02</td> <td>Pin Hole :- 25 mm</td> </tr> <tr> <td>S03</td> <td>Length :- 200 mm</td> </tr> <tr> <td>S04</td> <td>Height :- 200 mm</td> </tr> </tbody> </table>					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
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																				



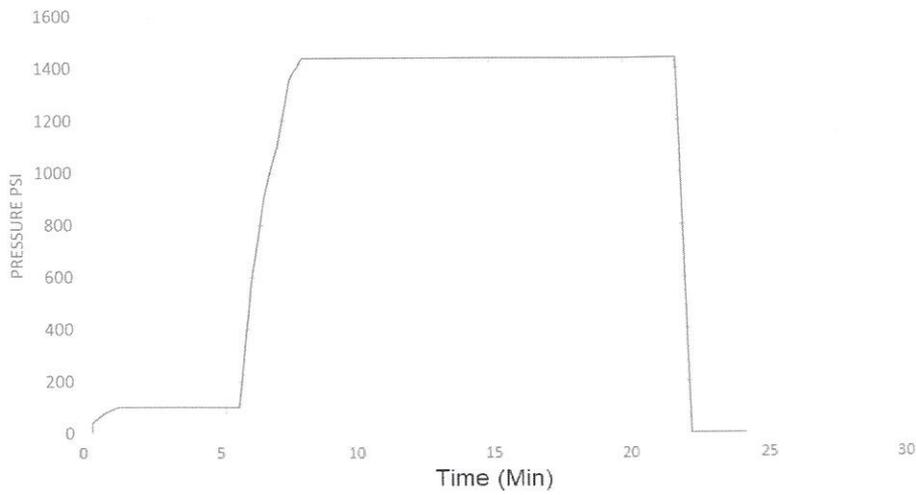
EQUIPMENT DETAILS					PERSON DETAILS		REVIEW BY	
Equipment:	AC-Yoke Test Block	Equipment:	Digital Lux Meter	Equipment:	AC/DC Yoke		SENIOR INSPECTOR:	ASHRAF ELSAID
S.No:	1657	S.No:	2722003	S.No:	201504052		SUPERVISOR:	HANI ALI
Cal Due Date:	14-Oct-24	Cal Due Date:	16-Oct-24	Cal Due Date:	14-Oct-24		CLIENT:	
Black Magnetic Ink Manufacture:	Magnaflux	Batch No:	220605	Expiry Date:	JULY.2025	STAMP & SIGNATURE:		
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)		3680 Lux			
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## 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

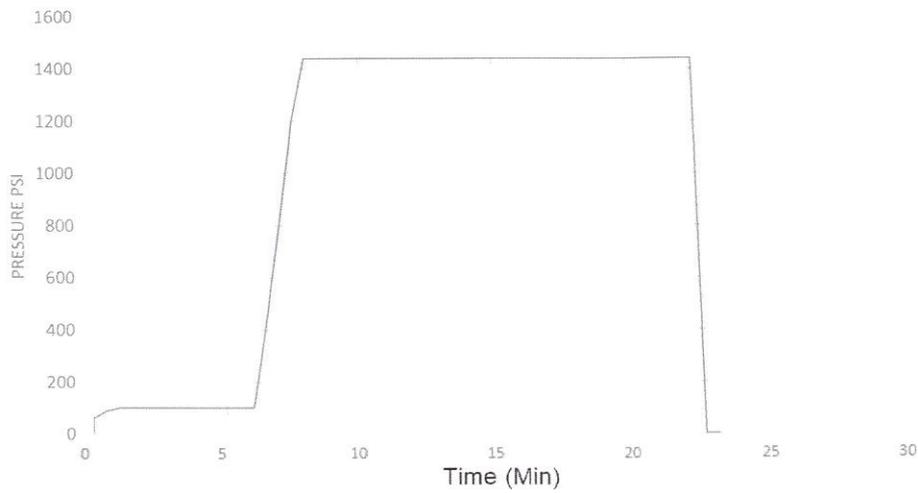


## Data Collection Report

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

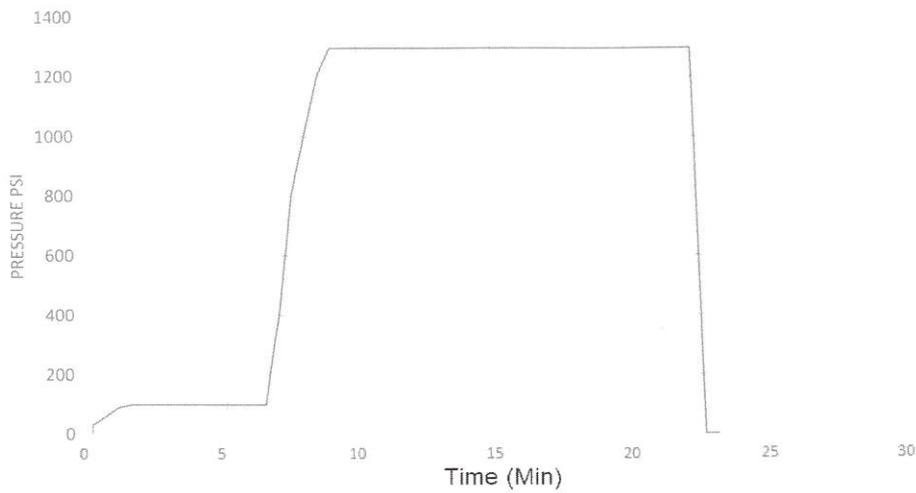


## Data Collection Report

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

