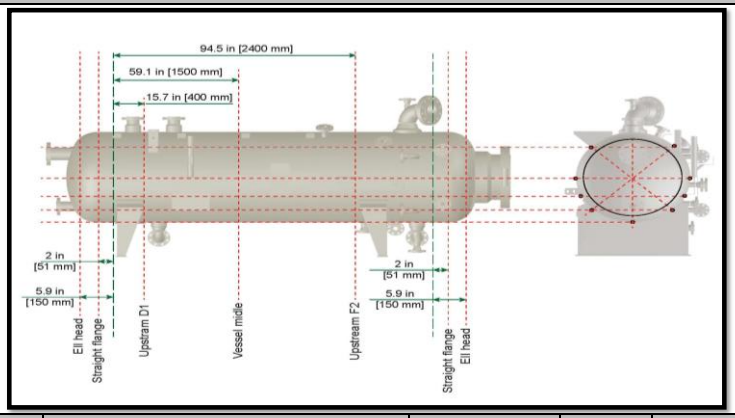
Al TAKAMUL COMPANY FOR ENGINEERING TESTS
AND PROFESSIONAL SAFETY LIMITED
Basra, North Rumaila, Quality Control Yard - Iraq

UT. Wall Thickness Gaugeing Inspection Certificate

CLIENT:	SLB Basra	**Certificate No:**	QC-SLB-25237-06C
LOCATION:	Wire Line Yard	**SPECIFICATION:**	SLB Recommended – SLBProcedure Aatem ASTM E797-ASTM E709SLB Procedure
DATE Of Inspection:	16-Sep-2025	**Inspection Due Date:**	15-Sep-2026
TYPE OF INSPECTION:	■VT ■UT ■ Pressure Test Witness		
DESCRIPTION:	Separator vessel 1440psi	**SERIAL NO:**	SEP-TPY-751
High Pressure:	1440 PSI	**Holding Time:**	15 Min
Low Pressure:	300 PSI	**Holding Time:**	05 Min
Pump S.N.:	CCSK-0777	**Chart Recorder S.N**	820954
Pump Cal Date:	18-Feb-25	**Chart Recorder Cal Date:**	18/Feb/25

Check Vessel Thickness



Location	MINIMUM THICKNESS Inch	ACTUAL WALL THICKNESS Inc				Location	MINIMUM THICKNESS Inch	ACTUAL WALL THICKNESS Inc			
Ell head left	1.642	2.000	1.995	1.980	1.910	Measure 1	1.843	1.990	1.980	1.970	1.975
Measure 1	1.642	1.910	1.895	1.903	1.920	Measure 2	1.843	1.985	1.988	1.980	1.995
Measure 2	1.642	1.900	1.971	1.907	1.910	Measure 3	1.843	1.980	1.997	1.990	1.985
Measure 3	1.642	1.895	1.888	1.906	1.915	Straight flange right	1.843	2.165	2.160	2.155	2.167
Straight flange left	1.843	2.015	2.010	1.998	2.003	Measure 1	1.843	2.150	2.166	2.157	2.170
Measure 1	1.843	1.970	1.900	1.966	1.980	Measure 2	1.843	2.135	2.130	2.139	2.145
Measure 2	1.843	1.965	1.971	1.971	1.970	Measure 3	1.843	2.140	2.144	2.160	2.150
Measure 3	1.843	1.975	1.980	1.977	1.985	Ell head right	1.642	1.990	1.980	1.995	1.991
Upstream D1	1.843	1.990	1.971	1.995	1.988	Measure 1	1.642	1.970	1.978	1.980	1.988
Measure 1	1.843	1.980	1.988	1.991	1.978	Measure 2	1.642	1.965	1.960	1.968	1.955
Measure 2	1.843	2.000	2.010	1.900	1.995	Measure 3	1.642	2.015	2.011	2.000	2.015
Measure 3	1.843	1.990	1.991	1.998	1.987	-	-	-	-	-	-
Vessel middle	1.843	1.985	1.988	1.975	1.999	-	-	-	-	-	-
Measure 1	1.843	1.980	1.986	1.990	1.900	-	-	-	-	-	-
Measure 2	1.843	1.900	1.990	1.993	1.985	-	-	-	-	-	-
Measure 3	1.843	1.990	1.995	1.985	1.990	-	-	-	-	-	-
Upstream F2	1.843	1.990	1.980	1.988	2.050	-	-	-	-	-	-

INSPECTION RESULT

Ultrasonic Wall Thickness	**Accepted**	According to SLB Recommended – SLB Procedure & ASTM E797.
Visual Test	**Accepted**	These Are The Actual Readings Need To Follow The* According to SLB Recommended – SLB Procedure Instructions.
Pressure Test	**Accepted**	Was Tested High Working Pressure 1.440 psi Hold 15 min+LOW Pressure 300 psi Hold 05 min no Leak was Realized while Testing & Pressure Was Stable Accordance To Chart Recorder Attached

INSPECTION EQUIPMENT USED					INSPECTED BY	
EQUIPMENT	THICKNESS GAUGE	**SN:**	5202746	EX Date:22-Feb-2026	**INSPECTOR NAME:**	M. [illegible]
EQUIPMENT	AC/DC YOKE	**SN:**	20150Y048	EX Date:22-Feb-2026		
EQUIPMENT	VERNIER CALIPAR	**SN:**	667676	EX Date:22-Feb-2026	**QUALIFICATION**	ASNT LEVEL III VT,MT,PT,UT,RT
SUPERVISOR:		M-TAREK			**STAMP & SIGNATURE:**	

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

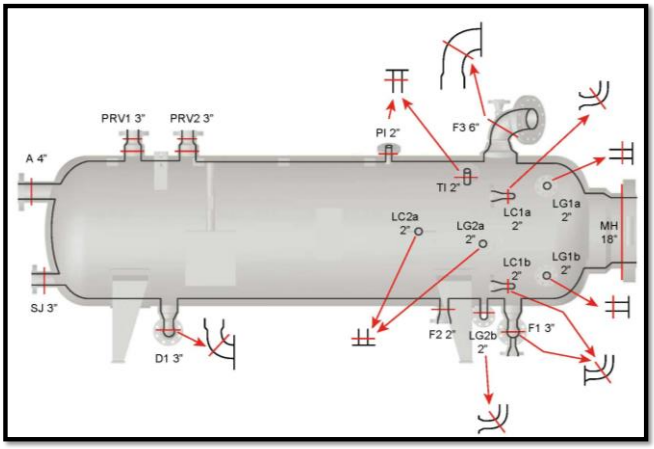
QUALITY CONTROL

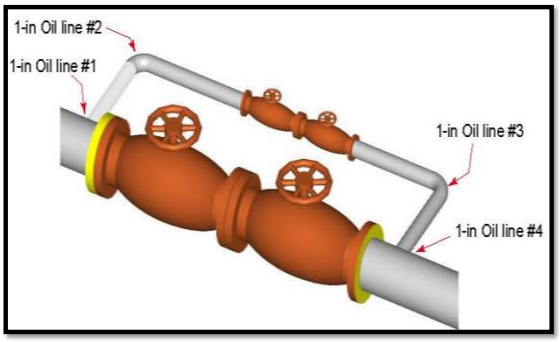
UT. Wall Thickness Gaugeing Inspection Certificate

CLIENT:	SLB Basra	**Certificate No:**	QC-SLB-25237-06D
LOCATION:	Wire Line Yard	**SPECIFICATION:**	SLB Recommended – SLBProcedure Aatem ASTM E797-ASTM E709SLB Procedure
DATE Of Inspection:	16/Sep/2025	**Inspection Due Date:**	15/Sep/2026
TYPE OF INSPECTION:	■VT ■UT ■ Pressure Test Witness		

DESCRIPTION:	Separator vessel 1440psi	**SERIAL NO:**	SEP-TPY-751
High Pressure:	1440 PSI	**Holding Time:**	15 Min
LOW Pressure:	300 PSI	**Holding Time:**	05 Min
Pump S.N.:	CCSK-0777	**Chart Recorder S.N**	820954
Pump Cal Date:	18/Feb/25	**Chart Recorder Cal Date:**	18/Feb/25

Nozzle Thickness and Oil Line Checks:





Component	Location	MINIMUM THICKNESS Inch	ACTUAL WALL THICKNESS Inc				Location	MINIMUM THICKNESS Inch	ACTUAL WALL THICKNESS Inc			
Inlet nozzle	A	0.886	0.990	0.998	1.010	1.015	1 in Oil Tee	0.122	0.330	0.420	0.370	0.400
Sand jet	SJ	0.717	0.860	0.870	0.885	0.863	1 in Oil Bend	0.122	0.290	0.270	0.290	0.280
Oil outlet	F2	0.311	0.610	0.558	0.598	0.590	1 in Oil Bend	0.122	0.280	0.300	0.285	0.290
Gas outlet	F3	0.594	0.750	0.767	0.770	0.758	1 in Oil Tee	0.122	0.310	0.320	0.300	0.315
Water outlet	F1	0.295	0.450	0.440	0.454	0.460	-	-	-	-	-	-
Pressure safety valve	PRV1	0.677	0.790	0.800	0.815	0.788	-	-	-	-	-	-
Pressure safety valve	PRV2	0.677	0.820	0.827	0.815	0.820	-	-	-	-	-	-
Man Hole	MH	1.626	1.800	1.810	1.820	1.812	-	-	-	-	-	-
Drain	D1	0.311	0.450	0.488	0.460	0.435	-	-	-	-	-	-
Level controller up	LC1a	0.217	0.350	0.357	0.360	0.351	-	-	-	-	-	-
Level controller bottom	LC2a	0.217	0.370	0.350	0.355	0.360	-	-	-	-	-	-
Oil sight glass Top	LG1a	0.217	0.350	0.358	0.355	0.360	-	-	-	-	-	-
Oil sight glass Bottom	LG1b	0.217	0.320	0.327	0.330	0.320	-	-	-	-	-	-
Interface sightglass Top	LG2a	0.217	0.350	0.362	0.355	0.370	-	-	-	-	-	-
Interface sightglass Bottom	LG2b	0.217	0.340	0.350	0.345	0.349	-	-	-	-	-	-

INSPECTION RESULT

Ultrasonic Wall Thickness	**Accepted**	According to SLB Recommended – SLB Procedure & ASTM E797.
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EQUIPMENT	AC/DC YOKE	**SN:**	20150Y048	EX Date: 22-Feb-2026		
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SUPERVISOR:		M-TAREK			**STAMP & SIGNATURE:**	

ASNT Corporate Partner

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QUALITY CONTROL

UT. Wall Thickness Gaugeing Inspection Certificate

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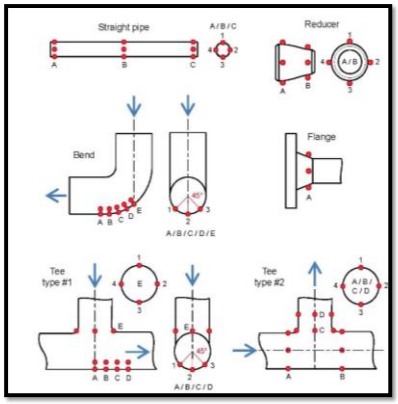
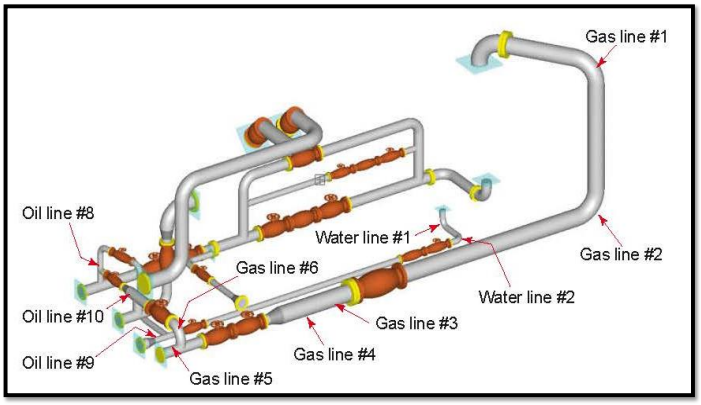
Thickness Checks on Gas line, Water line, and Oil line:





Component	Location	MINIMUM THICKNESS Inch	ACTUAL WALL THICKNESS Inc				Location	MINIMUM THICKNESS Inch	ACTUAL WALL THICKNESS Inc			
Gas line#1	Bend	0.232	0.450	0.430	0.455	0.425	Oil line Bend	0.122	0.345	0.350	0.340	0.340
Gas line#2	Bend	0.232	0.465	0.450	0.465	0.460	Oil line Tee	0.122	0.310	0.310	0.315	0.320
Gas line Back of WeldAfter Orifice Plate		0.232	0.435	0.410	0.420	0.425	Oil line Tee	0.122	0.280	0.285	0.288	0.290
Gas line	Reducer	0.232	0.420	0.415	0.410	0.420	Oil lineTee	0.122	0.340	0.315	0.325	0.340
Gas line	Tee	0.122	0.290	0.291	0.300	0.295	Oil line Tee	0.122	0.330	0.370	0.340	0.350
Gas line	Bend	0.160	0.321	0.340	0.351	0.330	Oil line Tee	0.122	0.215	0.206	0.220	0.210
Gas line Random #1 on 6" line		0.297	0.420	0.410	0.410	0.430	Oil line Back of weld after	0.122	0.325	0.335	0.340	0.320
Gas line Random #2 on 6" line		0.297	0.415	0.410	0.410	0.430	Oil line Tee	0.083	0.213	0.215	0.220	0.210
Water line	Bend	0.083	0.250	0.245	0.240	0.250	Oil line Bend	0.083	0.216	0.228	0.204	0.220
Water line	Bend	0.083	0.240	0.245	0.250	0.255	Oil line Tee	0.122	0.325	0.310	0.325	0.330
Water line	Random #1	0.083	0.240	0.265	0.245	0.240	Oil line Reducer	0.122	0.321	0.372	0.363	0.350
Water line	Random #2	0.083	0.245	0.240	0.260	0.265	Oil line Random #1	0.122	0.345	0.340	0.355	0.325
Inlet line	Tee	0.122	0.285	0.296	0.305	0.300	Oil line Random #2	0.122	0.365	0.360	0.350	0.360
Inlet line	Bend	0.122	0.340	0.305	0.320	0.330	PRV line Bend	0.157	0.360	0.355	0.350	0.370
Inlet line	Bend	0.157	0.370	0.364	0.359	0.350	PRV line Tee	0.157	0.380	0.400	0.420	0.410
Inlet line Random #1 on 3"		0.122	0.330	0.335	0.310	0.315	PRV line Random #1	0.157	0.340	0.350	0.355	0.360
Sand line	Bend	0.083	0.225	0.227	0.222	0.220	Sand line Random #1	0.083	0.235	0.230	0.210	0.220

INSPECTION RESULT

Ultrasonic Wall Thickness	**Accepted**	**According to SLB Recommended – SLB Procedure & ASTM E797.**
Visual Test	**Accepted**	**These Are The Actual Readings Need To Follow The* According to SLB Recommended – SLB Procedure Instructions.**
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SUPERVISOR:			**M-TAREK**		**STAMP & SIGNATURE:**	

Corporate Partner