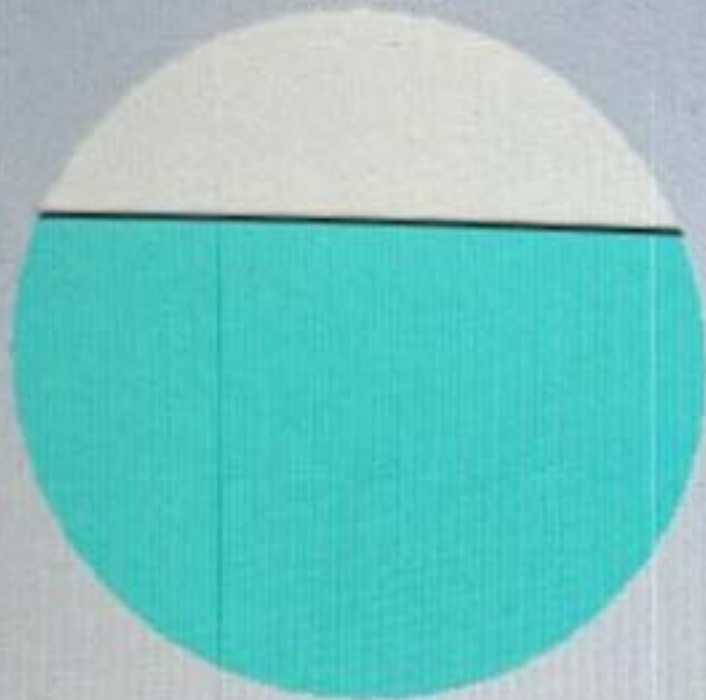


NOLEAD



Volume	8110
Ullage	3572
Height	59.18
Water	0.00

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# XERXES / CENTURY CAST™

Store 45

## Dipstick Calibration Chart for 4,000 Gallons Storage Tanks

*S&P*  
*GENIUM*

DIPSTICK READINGS	Gallons	DIPSTICK READINGS	Gallons	DIPSTICK READINGS	Gallons	DIPSTICK READINGS	Gallons	DIPSTICK READINGS	Gallons	DIPSTICK READINGS	Gallons	DIPSTICK READINGS	Gallons
0"	0	6 1/2"	110	13"	323	19 1/2"	606	26"	941	32 1/2"	1314	39"	1711
1/8"	1	6 3/4"	114	13 1/8"	328	19 3/8"	612	26 1/8"	948	32 3/8"	1321	39 1/8"	1719
1/4"	2	6 7/8"	117	13 1/4"	333	19 1/2"	618	26 1/4"	955	32 3/4"	1329	39 1/4"	1727
3/8"	3	7"	120	13 3/8"	338	19 5/8"	624	26 3/8"	962	32 5/8"	1336	39 3/8"	1734
1/2"	4	7 1/8"	124	13 1/2"	343	20"	630	26 1/2"	969	33"	1344	39 1/2"	1742
5/8"	5	7 3/8"	127	13 5/8"	347	20 1/8"	636	26 5/8"	976	33 1/8"	1351	39 5/8"	1750
3/4"	6	7 1/2"	131	13 3/4"	352	20 1/4"	642	26 3/4"	983	33 1/4"	1359	39 3/4"	1758
7/8"	7	7 5/8"	134	13 7/8"	357	20 3/8"	648	26 7/8"	990	33 3/8"	1366	39 7/8"	1766
1"	8	7 3/4"	138	14"	362	20 1/2"	655	27"	997	33 1/2"	1374	40"	1773
1 1/8"	9	7 7/8"	141	14 1/8"	368	20 5/8"	661	27 1/8"	1003	33 5/8"	1381	40 1/8"	1781
1 1/4"	10	7 7/4"	145	14 1/4"	373	20 3/4"	667	27 1/4"	1010	33 3/4"	1389	40 1/4"	1789
1 3/8"	11	7 3/2"	148	14 3/8"	378	20 7/8"	673	27 3/8"	1017	33 7/8"	1396	40 3/8"	1797
1 1/2"	12	8"	152	14 1/2"	383	21"	679	27 1/2"	1024	34"	1404	40 1/2"	1805
1 5/8"	13	8 1/8"	156	14 5/8"	388	21 1/8"	686	27 5/8"	1031	34 1/8"	1411	40 5/8"	1813
1 3/4"	14	8 1/4"	159	14 3/4"	393	21 1/4"	692	27 3/4"	1038	34 1/4"	1419	40 3/4"	1820
1 7/8"	15	8 3/8"	163	14 7/8"	398	21 3/8"	698	27 7/8"	1046	34 3/8"	1427	40 7/8"	1828
2"	16	8 1/2"	167	15"	404	21 1/2"	704	28"	1053	34 1/2"	1434	41"	1836
2 1/8"	17	8 5/8"	171	15 1/8"	409	21 5/8"	711	28 1/8"	1060	34 5/8"	1442	41 1/8"	1844
2 1/4"	18	8 3/4"	175	15 1/4"	414	21 3/4"	717	28 1/4"	1067	34 3/4"	1449	41 1/4"	1852
2 3/8"	19	8 7/8"	179	15 3/8"	419	21 7/8"	723	28 3/8"	1074	34 7/8"	1457	41 3/8"	1860
2 1/2"	20	9"	182	15 1/2"	425	22"	730	28 1/2"	1081	35"	1465	41 1/2"	1868
2 5/8"	21	9 1/8"	186	15 5/8"	430	22 1/8"	736	28 5/8"	1088	35 1/8"	1472	41 5/8"	1875
2 3/4"	22	9 1/4"	190	15 3/4"	435	22 1/4"	742	28 3/4"	1095	35 1/4"	1480	41 3/4"	1883
2 7/8"	23	9 3/8"	194	15 7/8"	441	22 3/8"	749	28 7/8"	1102	35 3/8"	1487	41 7/8"	1891
3"	24	9 1/2"	198	16"	446	22 1/2"	755	29"	1109	35 1/2"	1495	42"	1899
3 1/8"	25	9 5/8"	202	16 1/8"	452	22 5/8"	762	29 1/8"	1117	35 5/8"	1503	42 1/8"	1907
3 1/4"	26	9 3/4"	207	16 1/4"	457	22 3/4"	768	29 1/4"	1124	35 3/4"	1510	42 1/4"	1915
3 3/8"	27	9 7/8"	211	16 3/8"	462	22 7/8"	775	29 3/8"	1131	35 7/8"	1518	42 3/8"	1923
3 1/2"	28	10"	215	16 1/2"	468	23"	781	29 1/2"	1138	36"	1526	42 1/2"	1931
3 5/8"	29	10 1/8"	219	16 5/8"	473	23 1/8"	788	29 5/8"	1145	36 1/8"	1533	42 5/8"	1938
3 3/4"	30	10 1/4"	223	16 3/4"	479	23 1/4"	794	29 3/4"	1153	36 1/4"	1541	42 3/4"	1946
3 7/8"	31	10 3/8"	227	16 7/8"	485	23 3/8"	801	29 7/8"	1160	36 3/8"	1549	42 7/8"	1954
4"	32	10 1/2"	232	17"	490	23 1/2"	807	30"	1167	36 1/2"	1556	43"	1962
4 1/8"	33	10 5/8"	236	17 1/8"	496	23 5/8"	814	30 1/8"	1174	36 5/8"	1564	43 1/8"	1970
4 1/4"	34	10 3/4"	240	17 1/4"	501	23 3/4"	820	30 1/4"	1182	36 3/4"	1572	43 1/4"	1978
4 3/8"	35	10 7/8"	245	17 3/8"	507	23 7/8"	827	30 3/8"	1189	36 7/8"	1579	43 3/8"	1986
4 1/2"	36	11"	249	17 1/2"	513	24"	833	30 1/2"	1196	37"	1587	43 1/2"	1994
4 5/8"	37	11 1/8"	254	17 5/8"	518	24 1/8"	840	30 5/8"	1203	37 1/8"	1595	43 5/8"	2001
4 3/4"	38	11 1/4"	258	17 3/4"	524	24 1/4"	847	30 3/4"	1211	37 1/4"	1602	43 3/4"	2009
4 7/8"	39	11 3/8"	262	17 7/8"	530	24 3/8"	853	30 7/8"	1218	37 3/8"	1610	43 7/8"	2017
5"	40	11 1/2"	267	18"	535	24 1/2"	860	31"	1225	37 1/2"	1618	44"	2025
5 1/8"	41	11 5/8"	271	18 1/8"	541	24 5/8"	867	31 1/8"	1233	37 5/8"	1626	44 1/8"	2033
5 1/4"	42	11 3/4"	276	18 1/4"	547	24 3/4"	873	31 1/4"	1240	37 3/4"	1633	44 1/4"	2041
5 3/8"	43	11 7/8"	281	18 3/8"	553	24 7/8"	880	31 3/8"	1247	37 7/8"	1641	44 3/8"	2049
5 1/2"	44	12"	285	18 1/2"	559	25"	887	31 1/2"	1255	38"	1649	44 1/2"	2057
5 5/8"	45	12 1/8"	290	18 5/8"	565	25 1/8"	894	31 5/8"	1262	38 1/8"	1657	44 5/8"	2065
5 3/4"	46	12 1/4"	294	18 3/4"	570	25 1/4"	900	31 3/4"	1270	38 1/4"	1664	44 3/4"	2073
5 7/8"	47	12 3/8"	299	18 7/8"	576	25 3/8"	907	31 7/8"	1277	38 3/8"	1672	44 7/8"	2080
6"	48	12 1/2"	304	19"	582	25 1/2"	914	32"	1284	38 1/2"	1680	45"	2088
6 1/8"	49	12 5/8"	309	19 1/8"	588	25 5/8"	921	32 1/8"	1292	38 5/8"	1688	45 1/8"	2096
6 1/4"	50	12 3/4"	313	19 1/4"	594	25 3/4"	928	32 1/4"	1299	38 3/4"	1695	45 1/4"	2104
6 3/8"	51	12 7/8"	318	19 3/8"	600	25 7/8"	934	32 3/8"	1307	38 7/8"	1703	45 3/8"	2115

# XERXES / CENTURY GAS

## Dipstick Calibration Chart for 4,000 Gallons Storage Tanks

DIPSTICK READINGS	Gallons	DIPSTICK READINGS	Gallons	DIPSTICK READINGS	Gallons	DIPSTICK READINGS	Gallons	DIPSTICK READINGS	Gallons	DIPSTICK READINGS	Gallons	DIPSTICK READINGS	Gallons
45 1/2"	2123	52"	2532	58 1/2"	2928	65"	3299	71 1/2"	3631	78"	3911	84 1/2"	4119
45 5/8"	2131	52 1/8"	2539	58 5/8"	2935	65 1/8"	3305	71 5/8"	3637	78 1/8"	3916	84 5/8"	4122
45 3/4"	2139	52 1/4"	2547	58 3/4"	2943	65 1/4"	3312	71 3/4"	3643	78 1/4"	3920	84 3/4"	4125
45 7/8"	2147	52 3/8"	2555	58 7/8"	2950	65 3/8"	3319	71 7/8"	3649	78 3/8"	3925	84 7/8"	4128
46"	2155	52 1/2"	2563	59"	2957	65 1/2"	3326	72"	3655	78 1/2"	3930	85"	4131
46 1/8"	2163	52 5/8"	2571	59 1/8"	2965	65 5/8"	3333	72 1/8"	3661	78 5/8"	3934	85 1/8"	4134
46 1/4"	2171	52 3/4"	2578	59 1/4"	2972	65 3/4"	3339	72 1/4"	3667	78 3/4"	3939	85 1/4"	4137
46 3/8"	2178	52 7/8"	2586	59 3/8"	2979	65 7/8"	3346	72 3/8"	3672	78 7/8"	3943	85 3/8"	4140
46 1/2"	2186	53"	2594	59 1/2"	2987	66"	3353	72 1/2"	3678	79"	3948	85 1/2"	4143
46 5/8"	2194	53 1/8"	2601	59 5/8"	2994	66 1/8"	3359	72 5/8"	3684	79 1/8"	3952	85 5/8"	4145
46 3/4"	2202	53 1/4"	2609	59 3/4"	3001	66 1/4"	3366	72 3/4"	3690	79 1/4"	3957	85 3/4"	4148
46 7/8"	2210	53 3/8"	2617	59 7/8"	3009	66 3/8"	3373	72 7/8"	3695	79 3/8"	3961	86 7/8"	4151
47"	2218	53 1/2"	2625	60"	3016	66 1/2"	3379	73"	3701	79 1/2"	3966	86"	4154
47 1/8"	2226	53 5/8"	2632	60 1/8"	3023	66 5/8"	3386	73 1/8"	3707	79 5/8"	3970	86 1/8"	4156
47 1/4"	2234	53 3/4"	2640	60 1/4"	3031	66 3/4"	3393	73 1/4"	3712	79 3/4"	3975	86 1/4"	4159
47 3/8"	2242	53 7/8"	2648	60 3/8"	3038	66 7/8"	3399	73 3/8"	3718	79 7/8"	3979	86 3/8"	4161
47 1/2"	2249	54"	2655	60 1/2"	3045	67"	3406	73 1/2"	3724	80"	3983	86 1/2"	4164
47 5/8"	2257	54 1/8"	2663	60 5/8"	3052	67 1/8"	3412	73 5/8"	3729	80 1/8"	3988	86 5/8"	4166
47 3/4"	2265	54 1/4"	2671	60 3/4"	3060	67 1/4"	3419	73 3/4"	3735	80 1/4"	3992	86 3/4"	4169
47 7/8"	2273	54 3/8"	2679	60 7/8"	3067	67 3/8"	3425	73 7/8"	3740	80 3/8"	3996	86 7/8"	4171
48"	2281	54 1/2"	2686	61"	3074	67 1/2"	3432	74"	3746	80 1/2"	4000	87"	4174
48 1/8"	2289	54 5/8"	2694	61 1/8"	3081	67 5/8"	3438	74 1/8"	3751	80 5/8"	4005	87 1/8"	4176
48 1/4"	2297	54 3/4"	2701	61 1/4"	3088	67 3/4"	3445	74 1/4"	3757	80 3/4"	4009	87 1/4"	4178
48 3/8"	2305	54 7/8"	2709	61 3/8"	3096	67 7/8"	3451	74 3/8"	3762	80 7/8"	4013	87 3/8"	4180
48 1/2"	2313	55"	2717	61 1/2"	3103	68"	3458	74 1/2"	3768	81"	4017	87 1/2"	4183
48 5/8"	2320	55 1/8"	2724	61 5/8"	3110	68 1/8"	3464	74 5/8"	3773	81 1/8"	4021	87 5/8"	4185
48 3/4"	2328	55 1/4"	2732	61 3/4"	3117	68 1/4"	3471	74 3/4"	3779	81 1/4"	4025	87 3/4"	4187
48 7/8"	2336	55 3/8"	2740	61 7/8"	3124	68 3/8"	3477	74 7/8"	3784	81 3/8"	4029	87 7/8"	4189
49"	2344	55 1/2"	2747	62"	3131	68 1/2"	3483	75"	3789	81 1/2"	4033	88"	4191
49 1/8"	2352	55 5/8"	2755	62 1/8"	3138	68 5/8"	3490	75 1/8"	3795	81 5/8"	4037	88 1/8"	4193
49 1/4"	2360	55 3/4"	2762	62 1/4"	3146	68 3/4"	3496	75 1/4"	3800	81 3/4"	4041	88 1/4"	4195
49 3/8"	2368	55 7/8"	2770	62 3/8"	3153	68 7/8"	3502	75 3/8"	3805	81 7/8"	4045	88 3/8"	4196
49 1/2"	2375	56"	2778	62 1/2"	3160	69"	3509	75 1/2"	3811	82"	4049	88 1/2"	4198
49 5/8"	2383	56 1/8"	2785	62 5/8"	3167	69 1/8"	3515	75 5/8"	3816	82 1/8"	4052	88 5/8"	4200
49 3/4"	2391	56 1/4"	2793	62 3/4"	3174	69 1/4"	3521	75 3/4"	3821	82 1/4"	4056	88 3/4"	4202
49 7/8"	2399	56 3/8"	2800	62 7/8"	3181	69 3/8"	3528	75 7/8"	3826	82 3/8"	4060	88 7/8"	4203
50"	2407	56 1/2"	2808	63"	3188	69 1/2"	3534	76"	3831	82 1/2"	4064	89"	4205
50 1/8"	2415	56 5/8"	2815	63 1/8"	3195	69 5/8"	3540	76 1/8"	3837	82 5/8"	4067	89 1/8"	4206
50 1/4"	2422	56 3/4"	2823	63 1/4"	3202	69 3/4"	3546	76 1/4"	3842	82 3/4"	4071	89 1/4"	4208
50 3/8"	2430	56 7/8"	2831	63 3/8"	3209	69 7/8"	3552	76 3/8"	3847	82 7/8"	4075	89 3/8"	4209
50 1/2"	2438	57"	2838	63 1/2"	3216	70"	3559	76 1/2"	3852	83"	4078	89 1/2"	4210
50 5/8"	2446	57 1/8"	2846	63 5/8"	3223	70 1/8"	3565	76 5/8"	3857	83 1/8"	4082	89 5/8"	4212
50 3/4"	2454	57 1/4"	2853	63 3/4"	3230	70 1/4"	3571	76 3/4"	3862	83 1/4"	4085	89 3/4"	4213
50 7/8"	2462	57 3/8"	2861	63 7/8"	3237	70 3/8"	3577	76 7/8"	3867	83 3/8"	4089	89 7/8"	4214
51"	2469	57 1/2"	2868	64"	3244	70 1/2"	3583	77"	3872	83 1/2"	4092	90"	4215
51 1/8"	2477	57 5/8"	2876	64 1/8"	3251	70 5/8"	3589	77 1/8"	3877	83 5/8"	4096	90 1/8"	4216
51 1/4"	2485	57 3/4"	2883	64 1/4"	3258	70 3/4"	3595	77 1/4"	3882	83 3/4"	4099	90 1/4"	4217
51 3/8"	2493	57 7/8"	2891	64 3/8"	3264	70 7/8"	3601	77 3/8"	3887	83 7/8"	4102	90 3/8"	4218
51 1/2"	2501	58"	2898	64 1/2"	3271	71"	3607	77 1/2"	3892	84"	4106	90 1/2"	4218
51 5/8"	2508	58 1/8"	2905	64 5/8"	3278	71 1/8"	3613	77 5/8"	3896	84 1/8"	4109	90 5/8"	4219
51 3/4"	2516	58 1/4"	2913	64 3/4"	3285	71 1/4"	3619	77 3/4"	3901	84 1/4"	4112	90 3/4"	4219
51 7/8"	2524	58 3/8"	2920	64 7/8"	3292	71 3/8"	3625	77 7/8"	3906	84 3/8"	4115	90 7/8"	4219
												91"	4219
												91 1/8"	4219

Owner:	LASSUS BROS OIL INC		Date:	6/18/2024
Facility Name:	LASSUS 45		Tester Name	SPENCER KANE
Address:	1900 PLAZA DR		ATG Cert #	C29610/UC111834
City, State, Zip	WARSAW, IN, 46580		Office Phone #	rt Wayne 260-489-35
Facility ID # :	45		Work Order #	211465
Products	Name	Full Volume	Tank Diameter (Inches)	
Tank 1	REGULAR	11682	91	
Tank 2	PREMIUM	7950	92	
Tank 3	DIESEL	7950	92	
Tank 4	KERO	4219	91	
Tank 5				
Tank 6				
Tank 7				
Tank 8				

Tester's Name (print): SPENCER KANE

Tester's Signature: SPENCER KANE



**Automatic Tank Gauge Operation Inspection**

<b>Owner Name:</b> LASSUS BROS OIL INC	<b>Date:</b> 6/18/24
<b>Facility Name:</b> LASSUS 45	<b>Work Order #:</b> 211465 <b>Facility ID #:</b> 45.00
<b>Address:</b> 1900 PLAZA DR	<b>Office:</b> R. W. Mercer Co. Fort Wayne 260-489-3566
<b>City, State, Zip Code:</b> WARSAW, IN, 46580	<b>Tester:</b> SPENCER KANE <b>Certification #:</b> C29610/UC111834

All testing procedures follow the guide lines put forth in PEI/RP1200.

<b>Tank Level Monitor Brand:</b> VR	<b>Model:</b> TLS 350
Configuration, alarm history printed and battery backup tested.	Yes

Tank Number	1	2	3	4	5	6	7	8
Product Grade	REGULAR	PREMIUM	DIESEL	KERO				
1. Full Volume, gallons	11682	7950	7950	4219				
2. Tank Diameter, inches	91	92	92	91				
3. Remove probe from the tank, is it free of any damaged or missing parts	Yes	Yes	Yes	Yes				
4. Do the floats move freely	Yes	Yes	Yes	Yes				
5. Does water and fuel levels agree with ATG	Yes	Yes	Yes	Yes				
6. Inch level from bottom of probe when 90% alarm is triggered	78	78	80	79				
7. Does this level correspond to the value programmed in ATG	Yes	Yes	Yes	Yes				
8. Inch level from bottom of probe when water alarm is triggered	2	2	2	2				
9. Does this level correspond to the value programmed in ATG	Yes	Yes	Yes	Yes				

If any results from 3, 4 or 5 are "No", the ATG has failed the test.

<b>Test Results</b>	Pass	Pass	Pass	Pass				
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Comments:

Tester's Name (print): SPENCER KANE

Tester's Signature: SPENCER KANE



**UST Overfill Inspection - Automatic Shutoff Device**

<b>Owner Name:</b> LASSUS BROS OIL INC	<b>Date:</b> 6/18/24
<b>Facility Name:</b> LASSUS 45	<b>Work Order #:</b> 211465 <span style="float:right"><b>Facility ID#</b> 45</span>
<b>Address:</b> 1900 PLAZA DR	<b>Office:</b> R. W. Mercer Co. Fort Wayne 260-489-3566
<b>City, State, Zip Code:</b> WARSAW, IN, 46580	<b>Tester:</b> SPENCER KANE
	<b>Certification #:</b> C29610/UC111834

All testing procedures follow the guide lines put forth in PEI/RP1200.

Tank Number	1	2	3	4	5	6	7	8
Product Grade	REGULAR	PREMIUM	DIESEL	KERO				
Test type	Verification	Verification	Verification	Verification				
Overfill prevention device brand, if known	OPW	OPW	OPW	OPW				
Drop tube passes visual inspection?	Yes	Yes	Yes	Yes				
Drop tube removed from tank?	Yes	Yes	Yes	Yes				
Drop tube and float mechanisms free of debris?	Yes	Yes	Yes	Yes				
Float moves freely without binding and poppet moves into flow path?	Yes	Yes	Yes	Yes				
Bypass valve in the drop tube open and free of blockage? (if present)	N/A	N/A	N/A	N/A				

A "No" to any of the above items indicates a test failure.

1. Full Volume, gallons								
2. Tank Diameter, inches								
3. Calculated 95%								
4. Use tank charts to determine height of calculated volume								
5. Measure top fill riser								
6. Calculated upper tube in tank								
7. Subtract 2" from upper length, if required by manufacturer specs.								
8. Calculated minimum upper tube length								
9. Actual measured upper tube length w/out adaptor								

If line 9 is less than line 8 than the device fails.

<b>Test Results</b>	Pass	Pass	Pass	Pass				
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Comments:

Tester's Name (print): SPENCER KANE

Tester's Signature: SPENCER KANE



**Emergency Stop Operation**

<b>Owner Name:</b> LASSUS BROS OIL INC	<b>Date:</b> 6/18/24
<b>Facility Name:</b> LASSUS 45	<b>Work Order #:</b> 211465 <b>Facility ID#</b> 45
<b>Address:</b> 1900 PLAZA DR	<b>Office:</b> R. W. Mercer Co. Fort Wayne 260-489-3566
<b>City, State, Zip Code:</b> WARSAW, IN, 46580	<b>Tester:</b> SPENCER KANE
	<b>Certification #:</b> C29610/UC111834

All testing procedures follow the guide lines put forth in PEI/RP1200.

E-stop Number	1	2	3	4	5	6	7	8
Location	COUNTER	TSIDE FRONT DOOR						
1. E-stops labeled and located where easily accessible?	Yes	Yes						
2. System fully powered and in normal working condition?	Yes	Yes						
3. After activating E-Stop, power disconnected from:								
3a. All dispensing devices on all islands?	Yes	Yes						
3b. All STPs for all fuel grades?	Yes	Yes						
3c. All power, controls and signal circuits associated with the dispensing devices and the STPs? (low voltage disconnect required only after 2003)	Yes	Yes						
3d. All other non-intrinsically safe electrical equipment in classified areas surrounding fuel dispensing devices?	Yes	Yes						
4. All intrinsically safe electrical equipment remains energized after E-stop activation?	Yes	Yes						
5. After testing, E-stop has been reset and site is back to normal operating condition?	Yes	Yes						

A "No" to any lines 3a - 3d indicates a test failure.

<b>Test Results</b>	Pass	Pass						
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Comments:

Tester's Name (print): SPENCER KANE

Tester's Signature: SPENCER KANE



**EZYChek Systems Line, Leak Detector and Shear Valve Test**

<b>Owner Name:</b> LASSUS BROS OIL INC	<b>Date:</b> 6/18/24
<b>Facility Name:</b> LASSUS 45	<b>Work Order #:</b> 211465 <span style="float:right"><b>Facility ID#</b> 45</span>
<b>Address:</b> 1900 PLAZA DR	<b>Office:</b> R. W. Mercer Co. Fort Wayne 260-489-3566
<b>City, State, Zip Code:</b> WARSAW, IN, 46580	<b>Tester:</b> SPENCER KANE
	<b>Certification #:</b> C29610/UC111834

**Product:** \_\_\_\_\_ **Applied Pressure:** \_\_\_\_\_ **psi**

Start Time	Begin Reading	End Reading	-/+	GPL	Result	GPH	Pass/Fail
<b>RESULTS</b>						<0.050gph	

**Sump Sensor Test** \_\_\_\_\_

**Product Line Type** \_\_\_\_\_ **STP Sump Type** \_\_\_\_\_

**Product:** \_\_\_\_\_ **Applied Pressure:** \_\_\_\_\_ **psi**

Start Time	Begin Reading	End Reading	-/+	GPL	Result	GPH	Pass/Fail
<b>RESULTS</b>						<0.050gph	

**Sump Sensor Test** \_\_\_\_\_

**Product Line Type** \_\_\_\_\_ **STP Sump Type** \_\_\_\_\_

**Product:** \_\_\_\_\_ **Applied Pressure:** \_\_\_\_\_ **psi**

Start Time	Begin Reading	End Reading	-/+	GPL	Result	GPH	Pass/Fail
<b>RESULTS</b>						<0.050gph	

**Sump Sensor Test** \_\_\_\_\_

**Product Line Type** \_\_\_\_\_ **STP Sump Type** \_\_\_\_\_

**Product:** \_\_\_\_\_ **Applied Pressure:** \_\_\_\_\_ **psi**

Start Time	Begin Reading	End Reading	-/+	GPL	Result	GPH	Pass/Fail
<b>RESULTS</b>						<0.050gph	

**Sump Sensor Test** \_\_\_\_\_

**Product Line Type** \_\_\_\_\_ **STP Sump Type** \_\_\_\_\_

**Mechanical Leak Detector Test**

Product	Leak Detector Mfg.	Resiliency mL	Function Element Holding PSI	Opening Time <15 sec	Test Leak Rate mL/Min	Metering PSI	Running PSI	Does the STP pressure remain at or below the metering pressure for at least 60 seconds when the simulated leak is induced?	Does the leak detector trip when the line pressure is bled off to 0 psi?	Does the STP properly cycle on/off under normal fuel system operation conditions?	Pass/Fail

**Electronic Leak Detector Test**

Product	Manu-facturer	Full operating pressure	How many test cycles are observed before alarm/shutdown occurs?	Does the simulated leak cause an alarm?	Does the simulated leak cause an STP shutdown?	PLLD shutdown alarm attached	Pass/Fail
REG	VR	37	1	Yes	Yes	Yes	Pass
PREM	VR	42	1	Yes	Yes	Yes	Pass
DIESEL	VR	38	1	Yes	Yes	Yes	Pass
KERO	VR	34	1	Yes	Yes	Yes	Pass

**Shear Valve Test**

Dispensers Tested	Disp 1/2	Disp 3/4	Disp 5/6	Disp 7/8	Disp 9/10					
	REGULAR	REGULAR	KERO	REGULAR	REGULAR					
	PREMIUM	PREMIUM		PREMIUM	PREMIUM					
	DIESEL				DIESEL					
Is the shear valve rigidly anchored?	Yes	Yes	Yes	Yes	Yes					
Is the shear section positioned between 1/2" above or below the top surface of the dispenser island?	Yes	Yes	Yes	Yes	Yes					
Is the lever arm free to move?	Yes	Yes	Yes	Yes	Yes					
Does the lever arm snap shut the poppet valve?	Yes	Yes	Yes	Yes	Yes					
Can any product be dispensed when the shear valve is closed?	No	No	No	No	No					
<b>Test Results</b>	Pass	Pass	Pass	Pass	Pass					
Comments:										

Tester's Name (print): SPENCER KANE

Tester's Signature: SPENCER KANE





Galvanic Cathodic Protection	Verify that cathodic protection testing of all metallic components in contact with soil or water has been conducted within the past 3 years and the test passed	Test Date	8.12.1.1	X									
Impressed Current Cathodic Protection	Verify that cathodic protection testin has been conducted within the past 3 years and the test passed	Test Date	8.12.2.1	X									
	No exposed wires		8.12.2.2										
Tank Lining	Lining inspected as required and in good condition	Test Date	8.12.3.1	X									
<b>Miscellaneous Inspection Items</b>			8.13										
Tank Pad & Pavement	Concrete or asphalt over or near tanks is level, no significant cracks		8.13.1.1		X	X	X	X					
Stage II Liquid Collection Points	Cap in good condition, fits tightly, little or no liquid in bottom		8.13.2.1		X	X	X	X					
Stage I Testing	Verify that Stage I testinghas been conducted and test results are passing	Test Date	8.13.3.1	X									
Stage II Testing	Verify that State II testing has been conducted and test results are passing	Test Date	8.13.4.1	X									
Site Diagram	Site diagram accurately reflects the site conditions		8.13.5.1		X	X	X	X					
<b>Describe any deficiencies here:</b>													

Tester's Name (print): SPENCER KANE

Tester's Signature: SPENCER KANE



**Annual STP Inspection Checklist**

**Appendix A-3: Sample form for Annual Underground Storage System inspection Checklist**

<b>Owner Name:</b> LASSUS BROS OIL INC	<b>Date:</b> 6/18/24
<b>Facility Name:</b> LASSUS 45	<b>Work Order #:</b> 211465 <span style="float:right"><b>Facility ID#</b> 45</span>
<b>Address:</b> 1900 PLAZA DR	<b>Office:</b> R. W. Mercer Co. Fort Wayne 260-489-3566
<b>City, State, Zip Code:</b> WARSAW, IN, 46580	<b>Tester:</b> SPENCER KANE
	<b>Certification #:</b> C29610/UC111834

Category	Description	PEI/RP900	N/A	1	2	3	4	5	6	7	8
<b>Submersible Turbine Pump (STP)</b>		8.6									
All STP	Visible piping and fittings show no signs of leaking	8.6.1		X	X	X	X				
	Piping in good condition	8.6.2		X							
	Excessive corrosion not present	8.6.3		X							
	Sump free of trash and debris	8.6.5		X							
	Junction box(es) have covers, not corroded; conduit and intrinsically safe wiring in good condition	8.6.8		X							
	Flexible connectors not frayed, twisted, kinked or bent beyond manufacturer specifications	8.6.9		X							
	Mechanical line leak detector properly vented, vent tube not kinked or twisted, vent tube fittings intact and tightened	8.6.10	X								
	Mechanical line leak detector passes 3.0 gph test	8.6.11	X								
	Electronic line lead detector(ELLD) passes 3.0 gph test	8.6.12			X	X	X	X			
	ELLD passes 0.2 gph test	8.6.13			X	X	X	X			
ELLD passes 0.1 pgh test	8.6.14			X	X	X	X				
Manhole cover at grade in good condition, does not touch sump cover, all bolts present, handles and lift mechanism in good condition (as applicable)	8.6.24			X	X	X	X				
STP: No Containment Sump	Submersible pump head, flex connector(s) and other metallic product piping are not in contact with soil or water or are cathodically protected	8.6.17	X								
STP: In Containment Sump	Any water or product removed and disposed of properly	8.6.4		N	N	N	N				
	Sump is free of cracks, holes, bulges or other defects	8.6.6		X	X	X	X				
	Penetration fittings intact and secured	8.6.7		X	X	X	X				
	Piping interstitial space open to the STP sump (open double-walled piping system only)	8.6.20	X								
	Piping interstitial space closed to the STP sump (closed double-walled piping system only)	8.6.22	X								
STP: In Single-Walled Containment Sump	Sump lid, gasket and seals present and in good condition	8.6.23		X	X	X	X				
STP: In Double-Walled Containment Sump	Single-walled sump tested for integrity every 3 years	8.6.18									
	If not continuously monitored or inspected annually, double-walled sump tightness tested every 3 years.	8.6.19	X								

**WATER IN ALL STP SUMPS, IRON LIDS ARE PRESENT BUT NO PLASTIC, NO DAMAGE WAS FOUND**

Tester's Name (print): SPENCER KANE

Tester's Signature: SPENCER KANE



**Annual Dispenser Inspection Checklist**

**Appendix A-3: Sample form for Annual Underground Storage System Inspection Checklist**

<b>Owner Name:</b> LASSUS BROS OIL INC	<b>Date:</b> 6/18/24
<b>Facility Name:</b> LASSUS 45	<b>Work Order #:</b> 211465 <span style="float:right"><b>Facility ID#</b> 45</span>
<b>Address:</b> 1900 PLAZA DR	<b>Office:</b> R. W. Mercer Co. Fort Wayne 260-489-3566
<b>City, State, Zip Code:</b> WARSAW, IN, 46580	<b>Tester:</b> SPENCER KANE
	<b>Certification #:</b> C29610/UC111834

Category	Description	PEI/RP900	N/A	1	2	3	4	5	6	7	8
<b>Initial Fuel Dispenser Inspection</b>											
		8.5									
All Dispensers	All dispenser components are clean and dry	8.5.1		X	X	X	X	X			
	If dispenser sump is present, sump is dry	8.5.2		X	X	X	X	X			
<b>Fuel Dispenser Inspection</b>											
		8.6									
All Dispensers	Visible piping and fittings show no signs of leaking	8.6.1		X	X	X	X	X			
	Piping in good condition	8.6.2		X	X	X	X	X			
	Dispenser containment sump free of trash and debris	8.6.5	X								
	Junction box(es) have covers, not corroded; conduit and intrinsically safe wiring in good condition	8.6.8		X	X	X	X	X			
	Flexible connectors not frayed, twisted, kinked or bent beyond manufacturer specifications	8.6.9		X	X	X	X	X			
	Shear valves operate freely and close completely	8.6.15		X	X	X	X	X			
	Test Date										
Stage II piping functional or else capped and sealed at an elevation lower that the fuel dispenser island	8.6.16		X	X	X	X	X				
Dispensers Without Sumps	Flex connectors and other metallic product piping are not in contact with soil or water or are cathodically protected	8.6.17		X	X	X	X	X			
Dispensers With Sumps	Any water or product removed and disposed of properly	8.6.4	X								
	Sump free of cracks, holes, bulges or other defects	8.6.6									
	Penetration fittings intact and secured	8.6.7									
	Piping interstitial space open to the dispenser sump or dispenser pan (open double-walled piping system only)	8.6.21									
	Piping interstitial space closed to the dispenser sump (closed double-walled piping system only)	8.6.22									
Dispensers With Single-Walled Sumps	Single-walled sump tested for integrity every 3 years	8.6.18									
Test Date			X								
Dispensers With Double-Walled Sumps	If not continuously monitored or inspected annually, double-walled sump	8.6.19									
Test Date			X								

**Describe any deficiencies here:**

Tester's Name (print): SPENCER KANE

Tester's Signature: SPENCER KANE



**Annual Leak Detection Device Inspection Checklist**

**Appendix A-3: Sample form for Annual Underground Storage System inspection Checklist**

<b>Owner Name:</b> LASSUS BROS OIL INC		<b>Date:</b> 6/18/24									
<b>Facility Name:</b> LASSUS 45		<b>Work Order #:</b> 211465	<b>Facility ID#</b> 45								
<b>Address:</b> 1900 PLAZA DR		<b>Office:</b> R. W. Mercer Co. Fort Wayne 260-489-3566									
<b>City, State, Zip Code:</b> WARSAW, IN, 46580		<b>Tester:</b> SPENCER KANE									
		<b>Certification #:</b> C29610/UC111834									
Category	Description	PEI/RP900	N/A	1	2	3	4	5	6	7	8
<b>Leak Detection Device. Describe location (e.g., interstitial, STP, fill, dispenser on this row):</b>											
Liquid Sensor	Sensor tested and functional	Test Date	X								
	Sensor properly mounted at the bottom of the containment sump or pan (containment sump or pan sensor only)										
	Sensor properly mounted at the bottom of double-walled tank (double-walled tank sensor only)										
Discriminating Sensor	Sensor tested and functional	Test Date	X								
	Sensor properly mounted at the bottom of the containment sump or pan (containment sump or pan sensor only)										
	Sensor properly mounted at the bottom of double-walled tank (double-walled tank sensor only)										
Hydrostatic Sensor	Sensor tested and functional	Test Date	X								
	Hydrostatic sensor properly positioned										
Vacuum/Pressure Sensor	Sensor tested and functional	Test Date	X								
	Alarm sounds when pressure or vacuum is released		Test Date								
	Entire interstitial space under pressure or vacuum (closed double-walled piping system only)		Test Date								
Visually Monitored Double-Walled Sump	Leak detection device is within recommended limits		X								
Dispenser Pan Float Mechanism	Sensor tested and functional	Test Date	X								
	Dispenser pan float mechanism free to move and properly adjusted		Test Date								
<b>Describe any deficiencies here:</b>											

Tester's Name (print): SPENCER KANE

Tester's Signature: SPENCER KANE



**Annual Fill Containment Sump Inspection Checklist**

**Appendix A-3: Sample form for Annual Underground Storage System inspection Checklist**

<b>Owner Name:</b> LASSUS BROS OIL INC		<b>Date:</b> 6/18/24									
<b>Facility Name:</b> LASSUS 45		<b>Work Order #:</b> 211465	<b>Facility ID#</b> 45								
<b>Address:</b> 1900 PLAZA DR		<b>Office:</b> R. W. Mercer Co. Fort Wayne 260-489-3566									
<b>City, State, Zip Code:</b> WARSAW, IN, 46580		<b>Tester:</b> SPENCER KANE									
		<b>Certification #:</b> C29610/UC111834									
Category	Description	PEI/RP900	N/A	1	2	3	4	5	6	7	8
<b>Fill Sump</b>											
	Any water or product removed and disposed of properly	8.6.4		X	X	X	X				
	Visible piping and fittings show no signs of leaking	8.6.1		X	X	X	X				
	Piping in good condition	8.6.2		X	X	X	X				
	Excessive corrosion not present	8.6.3		X	X	X	X				
	Sump free of trash and debris	8.6.5		X	X	X	X				
	Sump is free of cracks, holes, bulges or other defects	8.6.6		X	X	X	X				
	Penetration fittings intact and secured	8.6.7		X	X	X	X				
	Junction box(es) have covers, not corroded; conduit and intrinsically safe wiring in good condition	8.6.8		X	X	X	X				
	Flexible connectors not frayed, twisted, kinked or bent beyond manufacturer specifications	8.6.9		X	X	X	X				
	Piping Interstitial space open to the fill sump (open double-walled piping system only)	8.6.20		X	X	X	X				
	Piping Interstitial space closed to the fill sump (closed double-walled piping system only)	8.6.22		X	X	X	X				
	Sump lid, gasket and seals present and in good condition	8.6.23		X	X	X	X				
	Manhole cover at grade in good condition, does not touch sump cover, all bolts present, handles and lift mechanism in good condition (as applicable)	8.6.24		X	X	X	X				
Single-Walled Fill Sump	Single-walled sump tested for integrity every 3 years	8.6.18	X								
Double-Walled Fill Sump	If not continuously monitored or inspected annually, double-walled sump tightness tested every 3 years.	8.6.19	X								
<b>Describe any deficiencies here:</b>											

Tester's Name (print): SPENCER KANE

Tester's Signature: SPENCER KANE



**Annual Transition Sump Inspection Checklist**

**Appendix A-3: Sample form for Annual Underground Storage System inspection Checklist**

<b>Owner Name:</b> LASSUS BROS OIL INC	<b>Date:</b> 6/18/24
<b>Facility Name:</b> LASSUS 45	<b>Work Order #:</b> 211465 <span style="float:right"><b>Facility ID#</b> 45</span>
<b>Address:</b> 1900 PLAZA DR	<b>Office:</b> R. W. Mercer Co. Fort Wayne 260-489-3566
<b>City, State, Zip Code:</b> WARSAW, IN, 46580	<b>Tester:</b> SPENCER KANE
	<b>Certification #:</b> C29610/UC111834

Category	Description	PEI/RP900	N/A	1	2	3	4	5	6	7	8
Transition Sump		8.6									
	Any water or product removed and disposed of properly	8.6.4	X								
	Visible piping and fittings show no signs of leaking	8.6.1									
	Piping in good condition	8.6.2									
	Sump free of trash and debris	8.6.5									
	Sump is free of cracks, holes, bulges or other defects	8.6.6									
	Penetration fittings intact and secured	8.6.7									
Transition Sump		8.6.8									
	Junction box(es) have covers, not corroded; conduit and intrinsically safe wiring in good condition	8.6.8									
	Flexible connectors not frayed, twisted, kinked or bent beyond manufacturer specifications	8.6.9									
	Piping Interstitial space open to the fill sump (open double-walled piping system only)	8.6.20									
	Piping Interstitial space closed to the fill sump (closed double-walled piping system only)	8.6.22									
	Sump lid, gasket and seals present and in good condition	8.6.23									
	Manhole cover at grade in good condition, does not touch sump cover, all bolts present, handles and lift mechanism in good condition (as applicable)	8.6.24									
Single-Walled Transition Sump	Single-walled sump tested for integrity every 3 years	8.6.18	X								
Double-Walled Transition Sump	If not continuously monitored or inspected annually, double-walled sump tightness tested every 3 years.	8.6.19	X								

**Describe any deficiencies here:**

Tester's Name (print): SPENCER KANE

Tester's Signature: SPENCER KANE



**Annual "Other" Sump Inspection Checklist**

**Appendix A-3: Sample form for Annual Underground Storage System Inspection Checklist**

<b>Owner Name:</b> LASSUS BROS OIL INC		<b>Date:</b> 6/18/24									
<b>Facility Name:</b> LASSUS 45		<b>Work Order #:</b> 211465	<b>Facility ID#</b> 45								
<b>Address:</b> 1900 PLAZA DR		<b>Office:</b> R. W. Mercer Co. Fort Wayne 260-489-3566									
<b>City, State, Zip Code:</b> WARSAW, IN, 46580		<b>Tester:</b> SPENCER KANE									
		<b>Certification #:</b> C29610/UC111834									
Category	Description	PEI/RP900	N/A	1	2	3	4	5	6	7	8
<b>Other Sump.</b>	<b>Describe location or function (e.g., suction piping, tank manhole) on this row:</b>	8.6									
	Any water or product removed and disposed of properly	8.6.4	X								
	Visible piping and fittings show no signs of leaking	8.6.1									
	Piping in good condition	8.6.2									
	Sump free of trash and debris	8.6.5									
	Sump is free of cracks, holes, bulges or other defects	8.6.6									
	Penetration fittings intact and secured	8.6.7									
<b>Other Sump</b>	Junction box(es) have covers, not corroded; conduit and intrinsically safe wiring in good condition	8.6.8									
	Flexible connectors not frayed, twisted, kinked or bent beyond manufacturer specifications	8.6.9									
	Piping Interstitial space open to the fill sump (open double-walled piping system only)	8.6.20									
	Piping Interstitial space closed to the fill sump (closed double-walled piping system only)	8.6.22									
	Sump lid, gasket and seals present and in good condition	8.6.23									
	Manhole cover at grade in good condition, does not touch sump cover, all bolts present, handles and lift mechanism in good condition (as applicable)	8.6.24									
Single-Walled Other Sump	Single-walled sump tested for integrity every 3 years	Test Date	8.6.18	X							
Double-Walled Other Sump	If not continuously monitored or inspected annually, double-walled sump tightness tested every 3 years.	Test Date	8.6.19	X							
<b>Describe any deficiencies here:</b>											

Tester's Name (print): SPENCER KANE

Tester's Signature: SPENCER KANE