

ASPHALT GYRATORY SAMPLE 2008

LAB ID	Max sg	Max sg Result	Bulk sg	Bulk sg Result	AC Content	AC Content Result	HEIGHT N INITIAL	HEIGHT N DESIGN
11053		Review Advised		Review Advised	5.61	Satisfactory		
11135	2.404	Satisfactory	2.280	Satisfactory	5.51	Satisfactory	124.7	118.0
11240		Review Advised	2.286	Satisfactory	5.68	Satisfactory	124.6	117.8
12060	2.403	Satisfactory	2.293	Satisfactory	5.35	Satisfactory	126.5	119.2
13002	2.408	Satisfactory		Review Advised	5.84	Satisfactory		
14001	2.411	Satisfactory	2.301	Satisfactory	5.46	Satisfactory	125.6	118.4
14002	2.402	Satisfactory	2.294	Satisfactory	5.40	Satisfactory	125.8	119.0
14003	2.409	Satisfactory	2.288	Satisfactory	5.60	Satisfactory	126.0	119.3
14004		Review Advised	2.298	Satisfactory	5.44	Satisfactory	125.4	118.1
14005	2.408	Satisfactory	2.300	Satisfactory	5.54	Satisfactory	124.9	117.8
14008	2.407	Satisfactory	2.282	Satisfactory	5.77	Satisfactory	125.2	118.8
14009	2.396	Satisfactory	2.279	Satisfactory	5.67	Satisfactory	124.4	118.3
14011	2.417	Satisfactory	2.292	Satisfactory	5.59	Satisfactory	126.0	118.8
14014	2.407	Satisfactory	2.292	Satisfactory	5.70	Satisfactory	124.8	118.1
14015	2.443	Review Advised	2.290	Satisfactory	5.71	Satisfactory	125.4	118.7
14016	2.405	Satisfactory	2.296	Satisfactory	5.89	Satisfactory	124.3	117.8
14018	2.413	Satisfactory	2.301	Satisfactory	5.60	Satisfactory	125.6	118.4
14019	2.408	Satisfactory	2.305	Satisfactory	5.30	Satisfactory	126.2	118.7
14020	2.423	Satisfactory	2.295	Satisfactory	5.92	Satisfactory	124.3	117.6
14023	2.408	Satisfactory	2.292	Satisfactory	5.55	Satisfactory	125.7	118.8
14024	2.408	Satisfactory	2.305	Satisfactory	5.64	Satisfactory	126.0	118.6
14026	2.404	Satisfactory	2.292	Satisfactory	5.65	Satisfactory	124.7	118.4
14027	2.403	Satisfactory	2.285	Satisfactory	5.78	Satisfactory	126.1	119.4
14028	2.430	Satisfactory	2.290	Satisfactory	5.37	Satisfactory	125.4	118.4
14029	2.405	Satisfactory	2.295	Satisfactory	5.92	Satisfactory	127.6	120.1
14032	2.412	Satisfactory	2.301	Satisfactory	5.91	Satisfactory	125.6	118.2
14033	2.416	Satisfactory	2.289	Satisfactory	5.77	Satisfactory	126.7	119.2
14038	2.412	Satisfactory	2.288	Satisfactory	5.42	Satisfactory	125.6	118.5
14040	2.402	Satisfactory	2.302	Satisfactory	5.41	Satisfactory	125.9	118.7
14042	2.430	Satisfactory	2.298	Satisfactory	5.34	Satisfactory	126.1	118.4
14043	2.403	Satisfactory	2.282	Satisfactory	6.04	Review Advised	125.3	118.5
14044	2.422	Satisfactory	2.282	Satisfactory	5.62	Satisfactory	126.4	119.3

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14046	2.406	Satisfactory	2.289	Satisfactory	5.64	Satisfactory	125.3	118.5
14047	2.408	Satisfactory	2.273	Review Advised	5.51	Satisfactory	121.2	114.6
14048	2.396	Satisfactory	2.302	Satisfactory	5.67	Satisfactory	124.8	118.1
14049	2.414	Satisfactory	2.306	Satisfactory	5.42	Satisfactory	124.6	118.0
14050	2.405	Satisfactory	2.280	Satisfactory	5.49	Satisfactory	123.7	116.9
14051	2.430	Satisfactory	2.293	Satisfactory	5.37	Satisfactory	125.9	118.9
14053	2.430	Satisfactory	2.288	Satisfactory	5.30	Satisfactory	128.1	120.1
14055	2.417	Satisfactory	2.289	Satisfactory	5.53	Satisfactory	126.4	119.1
14057	2.417	Satisfactory	2.289	Satisfactory	5.72	Satisfactory	125.6	118.7
14060	2.428	Satisfactory	2.281	Satisfactory	5.63	Satisfactory	125.7	118.9
14063	2.404	Satisfactory	2.290	Satisfactory	5.53	Satisfactory	125.7	118.6
14065	2.411	Satisfactory	2.298	Satisfactory	5.36	Satisfactory	124.7	117.8
14066	2.412	Satisfactory	2.293	Satisfactory	5.40	Satisfactory	127.3	119.7
14067	2.415	Satisfactory	2.302	Satisfactory	5.53	Satisfactory	125.4	118.2
14068	2.400	Satisfactory	2.298	Satisfactory	5.64	Satisfactory	124.3	117.7
14070	2.428	Satisfactory	2.295	Satisfactory	5.88	Satisfactory	125.8	118.6
14071	2.412	Satisfactory	2.296	Satisfactory	5.25	Satisfactory	125.8	118.7
14101	2.428	Satisfactory	2.283	Satisfactory	5.50	Satisfactory	126.6	118.9
14103	2.432	Satisfactory	2.294	Satisfactory	5.43	Satisfactory	126.6	119.3
14107	2.417	Satisfactory	2.293	Satisfactory	5.59	Satisfactory	124.7	118.0
14109	2.401	Satisfactory	2.284	Satisfactory	6.04	Review Advised	125.4	118.6
14110	2.420	Satisfactory	2.299	Satisfactory	5.93	Satisfactory	125.7	118.6
14111	2.385	Review Advised	2.284	Satisfactory	5.99	Review Advised	125.6	118.9
14112	2.394	Satisfactory	2.415x	Review Advised	5.97	Satisfactory	126.8	121.2
14125	2.405	Satisfactory	2.290	Satisfactory	5.50	Satisfactory	126.7	119.3
14130	2.424	Satisfactory	2.291	Satisfactory	5.23	Satisfactory	125.9	118.6
14137	2.393	Satisfactory	2.297	Satisfactory	5.29	Satisfactory	126.4	119.1
14144	2.435	Review Advised	2.279	Satisfactory	5.32	Satisfactory	126.5	119.6
14146	2.437	Review Advised	2.286	Satisfactory	5.49	Satisfactory	126.4	119.5
14147	2.397	Satisfactory	2.297	Satisfactory	5.73	Satisfactory	126.4	118.9
14149	2.415	Satisfactory	2.296	Satisfactory	5.58	Satisfactory	124.9	117.9
14161	2.407	Satisfactory	2.293	Satisfactory	5.75	Satisfactory	125.3	118.2
14165	2.421	Satisfactory	2.303	Satisfactory	5.46	Satisfactory	125.9	118.5
14167	2.400	Satisfactory	2.305	Satisfactory	5.74	Satisfactory	125.3	118.3
14172	2.396	Satisfactory	2.293	Satisfactory	6.27x	Review Advised	125.8	118.5
14178	2.404	Satisfactory	2.351x	Review Advised	5.55	Satisfactory	125.6	118.8

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14183	2.422	Satisfactory	2.298	Satisfactory	5.62	Satisfactory	125.1	118.2
14202	2.416	Satisfactory	2.303	Satisfactory	5.52	Satisfactory	124.8	118.1
14232	2.420	Satisfactory	2.282	Satisfactory	5.68	Satisfactory	126.3	119.0
14300	2.430	Satisfactory	2.297	Satisfactory	5.37	Satisfactory	124.6	118.0
14327	2.404	Satisfactory	2.307	Satisfactory	5.21	Review Advised	125.2	118.4
14333	2.410	Satisfactory	2.285	Satisfactory	5.51	Satisfactory	125.3	118.2
14337	2.407	Satisfactory	2.275	Review Advised	5.79	Satisfactory	129.7	121.5
14342	2.400	Satisfactory	2.277	Satisfactory	5.54	Satisfactory	126.2	119.2
14350	2.402	Satisfactory	2.299	Satisfactory	5.78	Satisfactory	125.3	118.4
14353	2.410	Satisfactory	2.287	Satisfactory	5.69	Satisfactory	125.7	118.8
14357	2.408	Satisfactory	2.294	Satisfactory	5.46	Satisfactory	126.6	119.1
14401	2.416	Satisfactory	2.291	Satisfactory	5.61	Satisfactory	125.1	118.2
14402	2.414	Satisfactory	2.291	Satisfactory	5.60	Satisfactory	125.3	118.3
14409	2.406	Satisfactory	2.291	Satisfactory	5.59	Satisfactory	125.0	117.7
14419	2.411	Satisfactory	2.291	Satisfactory	5.59	Satisfactory	125.3	118.3
14450	2.432	Satisfactory	2.303	Satisfactory	5.37	Satisfactory	125.4	118.3
14451		Review Advised		Review Advised		Review Advised		
14456	2.433	Satisfactory	2.303	Satisfactory	5.50	Satisfactory	126.7	119.7
14458	2.412	Satisfactory	2.304	Satisfactory	5.82	Satisfactory	124.6	118.0

	Max sg		Bulk sg		AC Content		HEIGHT N INITIAL	HEIGHT N DESIGN
Average	2.412		2.292		5.59		125.6	118.6
stdev	0.012		0.008		0.20		1.0	0.8
covar	0.005		0.003		0.04		0.0	0.0
+3sd	2.450		2.320		6.19		128.6	121.0
-3sd	2.380		2.270		4.99		122.6	116.2
+2sd	2.436		2.308		5.99		127.6	120.2
-2sd	2.388		2.276		5.19		123.6	117.0
d2s								
+d2s								
-d2s								

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LAB ID	1"	3/4"	1/2"	3/8"	#4	#8	#16	#30	#50	#100	#200	Gradation Result
11053	100	100	98	91	68	68x	46	41	32	14	8.2	Review Advised
11135	100	100	97	88	65	51	45	39	31	12x	6x	Review Advised
11240	100	100	98	89	68	53	45	40	31	14	6.8	Satisfactory
12060	100	100	97	90	67	53	45	41	32	14	7.4	Satisfactory
13002	100	100	98	93	70	55	48	42	32	15	7.9	Satisfactory
14001	100	100	96	90	67	52	45	40	31	13	6.6	Review Advised
14002	100	100	98	91	66	51	44	39	30	13	7.5	Satisfactory
14003	100	100	98	91	68	53	46	41	32	14	7.6	Satisfactory
14004	100	100	98	89	65	50	44	39	31	15	7.8	Satisfactory
14005	100	100	97	92	70	54	46	41	31	14	7.6	Satisfactory
14008	100	100	98	94	72	57	49	44	34	16	8.2	Satisfactory
14009	100	100	96	91	70	56	49	43	33	15	8.2	Satisfactory
14011	100	100	98	93	68	53	46	41	32	14	7.4	Satisfactory
14014	100	100	99	92	70	55	47	42	33	15	8.0	Satisfactory
14015	100	100	98	92	70	55	48	42	33	16	8.4	Satisfactory
14016	100	100	98	95	72	57x	49	44	33	15	7.9	Review Advised
14018	100	100	97	91	69	54	47	42	32	15	8.0	Satisfactory
14019	100	100	96	90	63	49	43	39	31	15	8.2	Satisfactory
14020	100	100	97	93	71	57	49	44	23x	14	7.8	Review Advised
14023	100	100	97	92	68	52	45	41	32	14	8.1	Satisfactory
14024	100	100	98	91	71	55	47	42	33	14	8.0	Satisfactory
14026	100	100	98	90	69	54	47	42	32	14	7.4	Satisfactory
14027	100	100	98	92	69	55	48	43	33	16	8.6	Satisfactory
14028	100	100	98	90	65	51	44	39	31	14	7.5	Satisfactory
14029	100	100	97	91	70	55	47	42	32	14	6.1x	Review Advised
14032	100	100	98	92	69	55	47	41	x	12x	6.3x	Review Advised
14033	100	100	98	92	71	57	49	46	32	13	8.2	Review Advised
14038	100	100	97	91	67	51	44	40	31	15	8.0	Satisfactory
14040	100	100	97	91	67	53	46	41	33	15	8.6	Satisfactory
14042	100	100	99	92	65	51	44	39	31	14	7.1	Satisfactory
14043	100	100	99	94	75x	60x	52x	46x	36x	16	8.1	Review Advised
14044	100	100	99	92	69	54	47	41	32	14	7.2	Satisfactory

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14046	100	100	96	90	69	54	47	42	33	16	8.3	Satisfactory
14047	100	100	98	90	67	52	45	41	31	14	7.8	Satisfactory
14048	100	100	99	92	70	55	47	42	32	15	7.6	Satisfactory
14049	100	100	97	89	67	52	45	40	31	15	7.7	Satisfactory
14050	100	100	98	92	68	53	45	40	32	15	7.5	Satisfactory
14051	100	100	97	89	65	52	45	40	31	14	7.8	Satisfactory
14053	100	100	97	89	64	49	43	39	31	19x	8.0	Review Advised
14055	100	100	98	92	70	54	47	42	33	16	8.9	Satisfactory
14057	100	100	97	91	68	54	47	41	32	14	8.0	Satisfactory
14060	100	100	96	89	67	53	46	41	31	14	7.9	Satisfactory
14063	100	100	97	92	68	52	45	40	31	15	7.9	Satisfactory
14065	100	100	98	90	66	51	44	39	31	15	7.5	Satisfactory
14066	100	100	95	88x	65	51	44	39	30	13	6.6	Review Advised
14067	100	100	99	92	68	52	45	40	32	14	8.0	Satisfactory
14068	100	100	98	91	69	55	48	43	33	15	8.3	Satisfactory
14070	100	100	99	94	74	59	51	45	35	15	8.7	Satisfactory
14071	100	100	96	89	63	49	43	38	30	14	7.2	Satisfactory
14101	100	100	98	92	61x	54	47	42	32	15	7.9	Review Advised
14103	100	100	98	92	69	55	47	42	33	15	8.4	Satisfactory
14107	100	100	98	90	68	54	48	43	33	15	7.8	Satisfactory
14109	100	100	98	93	74	59	51	44	33	14	7.3	Satisfactory
14110	100	100	99	95	74	58	50	44	34	15	8.1	Review Advised
14111	100	100	98	93	76x	60	52x	46x	36x	16	8.0	Review Advised
14112	100	100	99	94	71	57	49	44	34	16	8.7	Satisfactory
14125	100	100	98	92	68	53	46	41	32	15	8.1	Satisfactory
14130	100	99x	97	89	64	49	43	39	31	15	8.1	Review Advised
14137	100	100	97	90	64	49	43	38	31	14	7.3	Satisfactory
14144	100	100	98	89	63	49	43	38	29x	13	6.5x	Review Advised
14146	100	100	98	91	67	53	46	41	30	12	6.8	Satisfactory
14147	100	100	97	91	69	54	47	42	33	19x	8.1	Review Advised
14149	100	100	98	91	68	54	47	42	32	14	7.8	Satisfactory
14161	100	100	98	93	72	56	48	43	33	15	7.8	Satisfactory
14165	100	100	98	92	67	52	46	41	32	14	7.9	Satisfactory
14167	100	100	97	90	72	57	49	44	34	15	8.2	Satisfactory
14172	100	100	99	95x	77x	62x	54x	47x	36x	16	8.2	Review Advised
14178	100	100	97	89	68	53	46	41	32	14	7.9	Satisfactory

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14183	100	100	97	91	68	54	46	41	32	15	7.8	Satisfactory
14202	100	100	97	91	68	53	46	41	32	14	7.5	Satisfactory
14232	100	100	97	92	69	55	47	42	31	12	7.7	Satisfactory
14300	100	100	98	91	62	49	43	38	30	14	7.3	Satisfactory
14327	100	100	97	90	65	51	45	40	32	15	8.4	Satisfactory
14333	100	100	97	90	66	51	45	39	30	12	6.1x	Review Advised
14337	100	100	98	93	70	55	48	42	33	15	7.3	Satisfactory
14342	100	100	97	91	69	52	46	42	31	13	6.9	Satisfactory
14350	100	100	98	93	72	57	49	44	33	16	7.9	Satisfactory
14353	100	100	98	91	69	54	46	41	32	14	7.1	Satisfactory
14357	100	100	96	88	88x	50	43	39	31	14	7.9	Review Advised
14401	100	100	98	92	70	52	47	43	33	14	7.4	Satisfactory
14402	100	100	98	93	71	52	47	42	32	15	7.2	Satisfactory
14409	100	100	98	93	70	56	49	43	34	16	8.8	Satisfactory
14419	100	100	98	92	68	53	45	40	31	14	7.1	Satisfactory
14450	100	100	96	90	65	51	44	39	31	15	7.4	Satisfactory
14451	100	100	97	89		51	44	38	26x	9x	5.1x	Review Advised
14456	100	99x	97	92	69	54	47	42	34	17	9.7	Review Advised
14458	100	100	98	93	72	57	50	44	35	15	7.8	Satisfactory

	1"	3/4"	1/2"	3/8"	#4	#8	#16	#30	#50	#100	#200
Average	100.0	100.0	98.0	91.0	68.0	54.0	46.0	41.0	32.0	15.0	7.7
stdev	0.0	0.1	0.9	1.6	3.1	2.8	2.3	2.0	1.4	1.2	0.6
covar	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.1	0.1
+3sd	100.0	100.0	101.0	96.0	77.0	62.0	53.0	47.0	36.0	19.0	9.5
-3sd	100.0	100.0	95.0	86.0	59.0	46.0	39.0	35.0	28.0	11.0	5.9
+2sd	100.0	100.0	100.0	94.0	74.0	60.0	51.0	45.0	35.0	17.0	8.9
-2sd	100.0	100.0	96.0	88.0	62.0	48.0	41.0	37.0	29.0	13.0	6.5
d2s	0.6%	0.6%	0.6%	2.2%	2.2%	4.0%	4.0%	4.0%	4.0%	2.1%	1.8%
+d2s	101	101	99	93	71	56	49	43	33	15	7.8
-d2s	99	99	97	89	67	52	45	39	31	15	7.6