

STALITE QUALITY CONTROL REPORT - 3/4" STRUCTURAL MATERIAL

Summary of Average Test Results by Month and Year

	January	February	March	April	May	June	July	August	September	October	November	December	Year
2003													
Relative Density	1.495	1.492	1.500	1.505	1.499	1.502	1.502	1.500	1.509	1.515	1.495	1.501	1.501
Standard Deviation	0.029	0.033	0.023	0.020	0.025	0.022	0.023	0.025	0.023	0.017	0.024	0.021	0.024
Std Dev / Avg (%)	1.93%	2.21%	1.56%	1.36%	1.68%	1.44%	1.54%	1.65%	1.51%	1.10%	1.61%	1.37%	1.61%
Number of tests	23	19	23	22	27	21	23	24	23	21	22	21	278
2004													
Relative Density	1.507	1.517	1.519	1.505	1.509	1.539	1.514	1.508	1.509	1.508	1.505	1.506	1.512
Standard Deviation	0.028	0.032	0.029	0.022	0.028	0.022	0.019	0.018	0.023	0.024	0.022	0.018	0.025
Std Dev / Avg (%)	1.87%	2.12%	1.88%	1.48%	1.84%	1.46%	1.23%	1.21%	1.53%	1.60%	1.45%	1.21%	1.67%
Number of tests	24	21	26	34	41	32	27	35	32	32	32	27	363
2005													
Relative Density	1.508	1.495	1.514	1.523	1.513	1.518	1.486	1.500	1.502	1.515	1.500	1.490	1.506
Standard Deviation	0.021	0.029	0.016	0.027	0.022	0.016	0.030	0.032	0.026	0.031	0.034	0.035	0.029
Std Dev / Avg (%)	1.40%	1.91%	1.06%	1.76%	1.47%	1.04%	2.04%	2.11%	1.70%	2.04%	2.26%	2.33%	1.91%
Number of tests	37	33	31	37	33	30	36	32	25	24	25	26	369
2006													
Relative Density	1.498	1.503	1.492	1.508	1.519	1.528	1.507	1.513	1.519	1.517	1.500	1.519	1.510
Standard Deviation	0.031	0.037	0.043	0.025	0.022	0.018	0.020	0.031	0.014	0.017	0.029	0.023	0.029
Std Dev / Avg (%)	2.08%	2.48%	2.89%	1.65%	1.44%	1.17%	1.35%	2.06%	0.89%	1.09%	1.92%	1.52%	1.94%
Number of tests	24	27	28	21	23	24	21	26	21	23	22	22	282
2007													
Relative Density	1.524	1.512	1.509	1.504	1.514	1.504	1.496	1.509	1.516	1.500	1.517	1.511	1.509
Standard Deviation	0.021	0.025	0.025	0.034	0.021	0.032	0.031	0.024	0.017	0.030	0.024	0.021	0.027
Std Dev / Avg (%)	1.40%	1.64%	1.67%	2.28%	1.40%	2.15%	2.06%	1.58%	1.10%	1.97%	1.56%	1.38%	1.81%
Number of tests	26	23	24	22	31	44	23	24	20	27	27	19	310

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2003													
Density (pcf)	50.66	50.08	52.08	52.60	52.73	52.26	52.98	51.90	52.76	52.52	52.04	51.56	52.08
Standard Deviation	1.02	1.26	1.05	1.23	1.50	1.46	1.34	0.98	1.39	0.92	0.97	1.10	1.44
Std Dev / Avg (%)	2.01%	2.52%	2.01%	2.34%	2.84%	2.80%	2.53%	1.89%	2.63%	1.76%	1.87%	2.14%	2.77%
2004													
Density (pcf)	51.72	52.77	52.21	52.66	51.94	52.16	51.84	51.71	51.82	51.68	50.88	51.25	51.87
Standard Deviation	1.25	1.88	0.94	1.83	1.45	1.09	1.07	1.10	1.39	0.95	1.14	1.44	1.39
Std Dev / Avg (%)	2.42%	3.56%	1.81%	3.48%	2.79%	2.09%	2.07%	2.14%	2.68%	1.83%	2.23%	2.81%	2.69%
2005													
Density (pcf)	50.95	50.42	50.66	52.02	51.35	51.60	50.59	50.47	50.02	48.44	50.13	49.55	50.62
Standard Deviation	1.51	1.50	1.32	1.48	1.10	1.56	1.23	1.67	1.46	1.73	1.39	2.19	1.73
Std Dev / Avg (%)	2.95%	2.97%	2.61%	2.84%	2.14%	3.02%	2.43%	3.31%	2.92%	3.57%	2.78%	4.41%	3.42%
2006													
Density (pcf)	50.44	50.07	50.29	51.48	51.74	52.42	51.19	51.42	51.83	51.11	50.75	51.71	51.17
Standard Deviation	1.88	1.77	2.40	1.35	1.64	1.40	1.84	2.76	1.90	1.36	2.20	1.66	2.00
Std Dev / Avg (%)	3.72%	3.54%	4.77%	2.61%	3.18%	2.66%	3.59%	5.37%	3.66%	2.66%	4.33%	3.21%	3.91%
2007													
Density (pcf)	50.40	50.33	50.52	51.53	49.83	50.15	49.37	51.19	50.25	49.34	50.20	48.82	50.27
Standard Deviation	1.66	1.48	1.91	3.26	1.15	1.57	2.10	1.89	1.59	2.74	1.45	2.00	2.00
Std Dev / Avg (%)	3.29%	2.94%	3.79%	6.32%	2.30%	3.14%	4.25%	3.69%	3.16%	5.55%	2.90%	4.10%	3.97%

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2003													
Moisture Content (%)	7.45	4.54	10.29	9.72	8.70	7.77	8.80	8.23	8.58	8.51	9.64	NA	8.42
Standard Deviation	2.08	3.07	1.93	1.58	2.16	2.28	1.94	2.52	1.88	2.13	2.15	NA	2.53
Std Dev / Avg (%)	27.96%	67.60%	18.74%	16.29%	24.82%	29.34%	22.02%	30.67%	21.97%	25.03%	22.28%	NA	30.03%
2004													
Moisture Content (%)	5.24	6.31	7.37	8.81	8.25	8.15	9.31	10.77	9.10	9.22	9.19	8.30	8.49
Standard Deviation	1.90	1.92	1.87	2.33	2.86	2.16	1.60	7.18	1.83	1.40	1.46	2.38	3.24
Std Dev / Avg (%)	36.27%	30.39%	25.33%	26.48%	34.65%	26.53%	17.21%	66.66%	20.12%	15.16%	15.84%	28.71%	38.13%
2005													
Moisture Content (%)	6.87	6.30	8.13	8.08	8.43	9.38	6.84	5.18	7.10	7.35	6.85	4.83	7.14
Standard Deviation	1.97	3.43	2.55	2.01	1.98	2.80	3.28	2.79	2.01	3.33	3.41	2.54	2.94
Std Dev / Avg (%)	28.69%	54.43%	31.34%	24.88%	23.42%	29.85%	47.92%	53.87%	28.24%	45.33%	49.77%	52.50%	41.16%
2006													
Moisture Content (%)	6.15	6.58	7.77	8.33	7.41	7.52	8.81	8.12	8.22	7.33	6.45	7.45	7.48
Standard Deviation	2.67	3.06	3.52	2.82	2.61	2.70	2.61	2.20	2.94	3.53	3.36	3.11	3.00
Std Dev / Avg (%)	43.34%	46.45%	45.26%	33.84%	35.20%	35.95%	29.59%	27.06%	35.81%	48.15%	52.10%	41.74%	40.10%
2007													
Moisture Content (%)	5.14	5.66	6.23	7.90	6.46	6.63	6.87	8.63	7.82	6.61	7.30	7.33	6.82
Standard Deviation	2.45	3.34	3.27	3.14	2.63	2.42	2.92	2.48	2.68	2.89	2.79	3.26	2.91
Std Dev / Avg (%)	47.59%	59.01%	52.42%	39.77%	40.73%	36.52%	42.53%	28.69%	34.24%	43.73%	38.28%	44.43%	42.65%