Iowa Department of Transportation

Office of Materials

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New Issue

****THIS IS A NEW IM. – PLEASE READ CAREFULLY.****

W-W₁ TABLE FOR PYCNOMETER MOISTURE DETERMINATION

W-W$_1$ In Grams	% Moisture/Absorp. 1000 gm Sample	% Moisture/Absorp. 2000 gm Sample	W-W$_1$ In Grams	% Moisture/Absorp. 1000 gm Sample	% Moisture/Absorp. 2000 gm Sample	W-W$_1$ In Grams	% Moisture/Absorp. 1000 gm Sample	% Moisture/Absorp. 2000 gm Sample
0	0.0	0.0	15	2.4	1.2	30	4.8	2.4
1	0.2	0.1	16	2.6	1.3	31	5.0	2.5
2	0.3	0.2	17	2.7	1.4	32	5.1	2.6
3	0.5	0.2	18	2.9	1.4	33	5.3	2.6
4	0.6	0.3	19	3.0	1.5	34	5.5	2.7
5	0.8	0.4	20	3.2	1.6	35	5.6	2.8
6	1.0	0.5	21	3.4	1.7	36	5.8	2.9
7	1.1	0.6	22	3.5	1.8	37	5.9	3.0
8	1.3	0.6	23	3.7	1.8	38	6.1	3.1
9	1.4	0.7	24	3.9	1.9	39	6.3	3.1
10	1.6	0.8	25	4.0	2.0	40	6.4	3.2
11	1.8	0.9	26	4.2	2.1	41	6.6	3.3
12	1.9	1.0	27	4.3	2.2	42	6.7	3.4
13	2.1	1.0	28	4.5	2.2	43	6.9	3.5
14	2.2	1.1	29	4.7	2.3			