

CONVERSION CHART FOR SPEEDY TESTER

North Dakota Department of Transportation, Materials & Research
DOT 13942 (8-2017)

WET WT. %	DRY WT. %	WET WT. %	DRY WT. %	WET WT. %	DRY WT. %	WET WT. %	DRY WT. %	WET WT. %	DRY WT. %
1.0 - 1.0		7.0 - 7.5		13.0 - 14.9		19.0 - 23.5		25.0 - 33.3	
1.1 - 1.1		7.1 - 7.6		13.1 - 15.1		19.1 - 23.7		25.1 - 33.5	
1.2 - 1.2		7.2 - 7.7		13.2 - 15.2		19.2 - 23.8		25.2 - 33.7	
1.3 - 1.3		7.3 - 7.9		13.3 - 15.3		19.3 - 23.9		25.3 - 33.9	
1.4 - 1.4		7.4 - 8.0		13.4 - 15.5		19.4 - 24.1		25.4 - 34.0	
1.5 - 1.5		7.5 - 8.1		13.5 - 15.6		19.5 - 24.2		25.5 - 34.2	
1.6 - 1.6		7.6 - 8.2		13.6 - 15.7		19.6 - 24.4		25.6 - 34.4	
1.7 - 1.7		7.7 - 8.3		13.7 - 15.9		19.7 - 24.5		25.7 - 34.6	
1.8 - 1.8		7.8 - 8.5		13.8 - 16.0		19.8 - 24.7		25.8 - 34.8	
1.9 - 1.9		7.9 - 8.6		13.9 - 16.1		19.9 - 24.8		25.9 - 35.0	
2.0 - 2.0		8.0 - 8.7		14.0 - 16.3		20.0 - 25.0		26.0 - 35.1	
2.1 - 2.1		8.1 - 8.8		14.1 - 16.4		20.1 - 25.2		26.1 - 35.3	
2.2 - 2.2		8.2 - 8.9		14.2 - 16.6		20.2 - 25.3		26.2 - 35.5	
2.3 - 2.4		8.3 - 9.1		14.3 - 16.7		20.3 - 25.5		26.3 - 35.7	
2.4 - 2.5		8.4 - 9.2		14.4 - 16.8		20.4 - 25.6		26.4 - 36.9	
2.5 - 2.6		8.5 - 9.3		14.5 - 17.0		20.5 - 25.8		26.5 - 36.1	
2.6 - 2.7		8.6 - 9.4		14.6 - 17.1		20.6 - 25.9		26.6 - 36.2	
2.7 - 2.8		8.7 - 9.5		14.7 - 17.2		20.7 - 26.1		26.7 - 36.4	
2.8 - 2.9		8.8 - 9.6		14.8 - 17.4		20.8 - 26.3		26.8 - 36.6	
2.9 - 2.9		8.9 - 9.8		14.9 - 17.5		20.9 - 26.4		26.9 - 36.8	
3.0 - 3.1		9.0 - 9.9		15.0 - 17.6		21.0 - 26.6		27.0 - 37.0	
3.1 - 3.2		9.1 - 10.0		15.1 - 17.8		21.1 - 26.7		27.1 - 37.2	
3.2 - 3.3		9.2 - 10.1		15.2 - 17.9		21.2 - 26.9		27.2 - 37.4	
3.3 - 3.4		9.3 - 10.3		15.3 - 18.1		21.3 - 27.1		27.3 - 37.6	
3.4 - 3.5		9.4 - 10.4		15.4 - 18.2		21.4 - 27.2		27.4 - 37.7	
3.5 - 3.6		9.5 - 10.5		15.5 - 18.3		21.5 - 27.4		27.5 - 37.9	
3.6 - 3.7		9.6 - 10.6		15.6 - 18.5		21.6 - 27.6		27.6 - 38.1	
3.7 - 3.8		9.7 - 10.7		15.7 - 18.6		21.7 - 27.7		27.7 - 38.3	
3.8 - 4.0		9.8 - 10.9		15.8 - 18.8		21.8 - 27.9		27.8 - 38.5	
3.9 - 4.1		9.9 - 11.0		15.9 - 18.9		21.9 - 28.0		27.9 - 38.7	
4.0 - 4.2		10.0 - 11.1		16.0 - 19.0		22.0 - 28.2		28.0 - 38.9	
4.1 - 4.3		10.1 - 11.2		16.1 - 19.2		22.1 - 28.4		28.1 - 39.1	
4.2 - 4.4		10.2 - 11.4		16.2 - 19.3		22.2 - 28.5		28.2 - 39.3	
4.3 - 4.5		10.3 - 11.5		16.3 - 19.5		22.3 - 28.7		28.3 - 39.5	
4.4 - 4.6		10.4 - 11.6		16.4 - 19.6		22.4 - 28.9		28.4 - 39.7	
4.5 - 4.7		10.5 - 11.7		16.5 - 19.8		22.5 - 29.0		28.5 - 39.9	
4.6 - 4.8		10.6 - 11.9		16.6 - 19.9		22.6 - 29.2		28.6 - 40.1	
4.7 - 4.9		10.7 - 12.0		16.7 - 20.0		22.7 - 29.4		28.7 - 40.3	
4.8 - 5.0		10.8 - 12.1		16.8 - 20.2		22.8 - 29.5		28.8 - 40.4	
4.9 - 5.2		10.9 - 12.2		16.9 - 20.3		22.9 - 29.7		28.9 - 40.6	
5.0 - 5.3		11.0 - 12.3		17.0 - 20.5		23.0 - 29.9		29.0 - 40.8	
5.1 - 5.4		11.1 - 12.5		17.1 - 20.6		23.1 - 30.0		29.1 - 41.0	
5.2 - 5.5		11.2 - 12.6		17.2 - 20.8		23.2 - 30.2		29.2 - 41.2	
5.3 - 5.6		11.3 - 12.7		17.3 - 20.9		23.3 - 30.4		29.3 - 41.4	
5.4 - 5.7		11.4 - 12.9		17.4 - 21.1		23.4 - 30.5		29.4 - 41.6	
5.5 - 5.8		11.5 - 13.0		17.5 - 21.2		23.5 - 30.7		29.5 - 41.8	
5.6 - 5.9		11.6 - 13.1		17.6 - 21.4		23.6 - 30.9		29.6 - 42.0	
5.7 - 6.0		11.7 - 13.3		17.7 - 21.5		23.7 - 31.1		29.7 - 42.2	
5.8 - 6.2		11.8 - 13.4		17.8 - 21.7		23.8 - 31.2		29.8 - 42.5	
5.9 - 6.3		11.9 - 13.5		17.9 - 21.8		23.9 - 31.4		29.9 - 42.7	
6.0 - 6.4		12.0 - 13.6		18.0 - 22.0		24.0 - 31.6		30.0 - 42.9	
6.1 - 6.5		12.1 - 13.8		18.1 - 22.1		24.1 - 31.8		30.1 - 43.1	
6.2 - 6.6		12.2 - 13.9		18.2 - 22.2		24.2 - 31.9		30.2 - 43.3	
6.3 - 6.7		12.3 - 14.0		18.3 - 22.4		24.3 - 32.1		30.3 - 43.5	
6.4 - 6.8		12.4 - 14.2		18.4 - 22.5		24.4 - 32.3		30.4 - 43.7	
6.5 - 7.0		12.5 - 14.3		18.5 - 22.7		24.5 - 32.5		30.5 - 43.9	
6.6 - 7.1		12.6 - 14.4		18.6 - 22.9		24.6 - 32.6		30.6 - 44.1	
6.7 - 7.2		12.7 - 14.5		18.7 - 23.0		24.7 - 32.8		30.7 - 44.3	
6.8 - 7.3		12.8 - 14.7		18.8 - 23.2		24.8 - 33.0		30.8 - 44.5	
6.9 - 7.4		12.9 - 14.8		18.9 - 23.3		24.9 - 33.2		30.9 - 44.7	