

UNCOMPACTED VOID CONTENT OF FINE AGGREGATE CYLINDER CALIBRATION

North Dakota Department of Transportation, Materials & Research

SFN 51729 (7-2017)

Reference AASHTO T 19

DENSITY OF WATER		
Temperature		
°F	°C	kg/m ³
60	15.6	999.01
65	18.3	998.54
70	21.1	997.97
73.4	23.0	997.54
75	23.9	997.32
80	26.7	996.59
85	29.4	995.83

Calibration

Wt. Cylinder + grease + glass =	g (A)
Wt. Cylinder + glass + water =	g (B)
T _{water} =	°F
Wt. water = B - A =	g (M)
Density of water = (Reference table above)	kg/m ³ (D)
Volume of cylinder = 1000 x (M/D) =	mL

ND T-304

Calibrated By	Date Calibrated
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