Department of Civil Engineering, MIST
Geotechnical Engineering Laboratory
Standard Test for Particle-Size Distribution (Gradation) of Soils Using Sieve Analysis (ASTM D6913)

Test Serial No :
Date Tested :
Tested By :
Project Name :
Sample No :

Data Table:

Sieve No.	Sieve opening (mm)	Wt. of empty sieve (gm)	Wt. of Sieve + Soil Retained (gm)	Wt. of Soil Retained (gm)	% of Soil Retained	Cumulative % Retained	% Finer

Calculation:

D_{10}=

D_{30}=

D_{60}=

$$C_u = \frac{D_{60}}{D_{10}}$$

$$C_c = \frac{D_{30}^2}{D_{60} \times D_{10}}$$

Signature of Teacher: