



KASETSART UNIVERSITY

DEPARTMENT OF CIVIL ENGINEERING, GEOTECHNICAL ENGINEERING LABORATORY FIELD DENSITY TEST (RUBBER BALLOON METHOD)

For _____	Location _____
Project _____	Date _____
Soil Description _____	Compaction method _____
Tested by _____	

Test No.	1	2	3	4
Weight of Wet Soil+Container	g			
Weight of Dry Soil+Container	g			
Weight of Water	g			
Weight of Container	g			
Weight of Dry Soil	g			
Water Content, w	%			
Average Water Content, w	%			

Test No.	1	2	3	4
Weight of Wet Soil	g			
Final Reading	cc			
Initial Reading	cc			
Volume of Hole	cc			
Corrected Volume of Hole	cc			

Test No.	1	2	3	4
Wet Density , $\gamma_t = W/V$	g/cm^3			
Dry Density, $\gamma_d = 100\gamma_t / (100+w)$	g/cm^3			
Percent Proctor Density %				

Compaction Data	
Type	Modified
Test Reference Number	
Maximum Dry Density	g/cm^3

- Remarks:
- 1) Certification applies to test samples only.
 - 2) Information under "For", "Project", are supplied by client. These are not certified.
 - 3) This certificate is invalid without appropriate signature and seal.