KASETSART UNIVERSITY

DEPARTMENT OF CIVIL ENGINEERING,GEOTECHNICAL ENGINEERING LABORATORY

FIELD DENSITY TEST (SAND CONE METHOD)

For _____ Location _____

Project _____ Date _____

Soil Description _____ Compaction method _____

Tested by _____

Water Content

Test No.				
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	%			

FIELD DENSITY DETERMINATION

Test No.				
Initial Weight of Jar + Sand	g			
Final Weight of Jar + Sand	g			
Total Weight of Sand Used	g			
Weight of Wet Soil + Container	g			
Weight of Container	g			
Weight of Wet Soil	g			

DENSITY

Weight of Sand in Cone	g			
Weight of Sand in Hole	g			
Density of Sand	g			
Volume of Test Hole	cm^3			
Wet Density	g/cm^3			
Dry Density	g/cm^3			

SAND CALIBRATION

Weight of Sand in Cone and Field Density Plate A

Initial Weight of Jar + Sand	g			
Final Weight of Jar + Sand	g			
Weight of Sand in Cone	g			
Average	g			

Sand Density

Weight of Mould + Sand	g			
Weight of Mould	g			
Weight of Sand	g			
Average	g			

Mould

Diameter , d	cm.			
Height , h	cm.			
Volume ,Vm	cm^3.			
Average	cm^3.			

Density of Sand	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.