DETERMINATION OF PARTICLE DENSITY
(BS 1377: PART 2 1990 - SMALL PYKNOMETER METHOD)

CLIENT :
PROJECT :

TEST METHOD : BS1377-2: 1990: Clause 8.3 Date Tested :
SAMPLE REF . :

SPECIMEN REFERENCE				
Density Bottle No.				
Mass of Bottle				
Mass of Bottle + Stopper, m_1	g			
Mass of Bottle + Stopper + Dry Soil, m_2	g			
Mass of Bottle + Stooper + Soil + Water, m_3	g			
Mass of Bottle + Stopper + Water, m_4	g			
Mass of Dry Soil, $(m_2 - m_1)$	g			
Mass of Water In Full Bottle, $(m_4 - m_1)$	g			
Mass of Water Used, $(m_3 - m_2)$	g			
Particle Density, ρ_s $\rho_s = \frac{(m_2 - m_1)}{(m_4 - m_1) - (m_3 - m_2)}$	Mg/m^3			
AVERAGE PARTICLE DENSITY, ρ_s	**Mg/m^3**			

Tested by:

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Date:

Checked by:

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Date: