CE3105 Mechanics of Fluids Laboratory
Department of Civil Engineering
Texas Tech University

Experiment:Forces on Plane Surfaces,Archimedes' Principle - Data Sheet
Date of Experiment:
Name:

Experimental Data:
Temperature of water, $T=$ celsius
Water density, $\rho =$ (kg/m^3) , Gravity, g= 9.8 (m/s^2)
$R_3 = 200 \ mm$

	Archimedes	
	Initial Volume, V_i	Final Volume, V_f
Object #1		
Object #1		
Object #2		
Object #2		

Trial	$\omega(g)$	$M = \frac{W*9.81*R_3}{10^3}(Nm)$	$h(mm)$	$R_2(mm)$
Initial				
1				
2				
3				
4				
5				
6				
7				
8				
9				
10				

Instructor's Signature