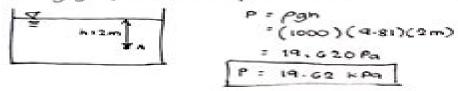
FLUID MECHANICS

.. The surface tension of water in air is approx. 3.0756 N/m. If the atmospheric pressure is 101 kfa, what is the pressure inside a draplet 3.165 mm in diameter?

For upperical amples,

2. What is the gage pressure at point A if n +2m in a bank of water?



3. Find the pressure in the tank from the manameter reading below:

Frequency fluid A .
$$\rho_A$$
 : 580 kg/m³ third B . ρ_B . 700 kg/m³ fluid B . ρ_B . 700 kg/m³ fluid C . ρ_B : 1000 kg/m³ fluid C . ρ_B : 1000

Patm = 100 KPg

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L Darling-Hammond

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