Example:

1. Bilge separator is rated at $2m^3/hr$;

2. Net volume needed for the test: Volume of test water: $2m^3$ x 3 hours = $6m^3$;

3. Volume vest Fluid C: 6 percent of test water = 0.06 x $6m^3$ = $0.36m^3$;

4. Actual volume to be prepared:

a. Volume of Test Fluid C to be prepared: 1.2 times of the Net Volume of Test Fluid C = 1.2 x 0.36 = $0.432m^3$;

b. Volume of fresh water in Test Fluid C: (947.8g/1000g) of Test Fluid C =0.9478 x 0.432 = $0.4094m^3$;

c. Weight of Test Fluid A: (25g/1000g) of Test Fluid .C. = 25/1000 x 0.432 x 1000 = 10.8kg;

d. Weight of Test Fluid B: (25g/1000g) of Test Fluid C = 25/1000 x 0.432 x 1000 = 10.8kg;

e. Weight of surfactant: (0.5g/1000g) of Test Fluid C = 0.5/1000 x 0.432 x 1000 = 0.216kg; and

f. Weight of iron oxide: (1.7g/1000g) of Test Fluid C) = 1.7/1000 x 0.432 x 1000 x 0.734kg.