

VGI

Dissolved Air Flotation is a solid / liquid or liquid / liquid separation process to remove tiny suspended solids that density close to water, colloid, oil and grease etc.

DAF will generate a large numbers of micro nano bubbles (3-20µm), which will be as carrier to mix, contact and adhere to the suspended solids, and bring the SS to float to the liquid surface. Then the floating scums will be removed by top skimmer to achieve the purpose of separation of impurities, water purification. Air dissolved process theory Henry's Law



Flocculation Float

絮体悬浮物

most floating



悬浮物



Microbubbles attached

微气泡附着

flocculation



絮凝剂



a large number of micro air bubbles up suspended solids

大量微气泡引起悬浮物

microbubbles

微气泡

Note :

Due to keeping innovation, the specification and Machine pictures or color are subject to alteration without notice!

PT. Valtekindo Global Intertek